



LaserWash 360 Plus Pictorial Parts Catalog

Table of Contents

	<u>Assembly Item</u>	<u>Page</u>
LaserWash 360 Plus Frame		
Wall Mount Kit, Narrow Bay	09050025	11
Wall Mount Kit, Normal Bay	09050020	14
Wall Mount Kit, Wide Bay	09050023	17
Free Standing Frame	09050034	20
Main Bridge Rail	06230143	25
LaserWash 360 Plus E-Chain		
Bridge E-Chain Assembly, for 208/220/230V Supplied Bridges	11190038	29
Bridge E-Chain Assembly, for 400V Supplied Bridges	11190040	30
Bridge E-Chain	06050119	31
Bridge E-Chain Support Roller	11150057	32
Bridge E-Chain Bulkhead, Right Hand Feed	11250216-RH	33
Bridge E-Chain Bulkhead, Left Hand Feed	11250216-LH	34
E-Chain Electrical Junction Box	11010281	35
LaserWash 360 Plus Bridge		
Bridge Assembly	09140031	39
Bridge Frame	11080111	47
Bridge Electrical Control Panel	11010285	51
Backup Ultrasonic Sensor, Right Side	11410014-RH	61
Backup Ultrasonic Sensor, Left Side	11410014-LH	62
Stop Ultrasonic Sensor	11410013	63
Bridge Drive		
Bridge Drive	11170018	64
Bridge Belt and Trucks	11080112	67
Bridge Truck	11150048	69
Trolley		
Trolley	11220044	70
Trolley Manifold	11250272	76
Trolley Truck	11150051	77
Trolley E-Chain	06050125	78
Top Spray Arch	11130025	79
Side Spray Arch	11130026	80
Bridge Solution Applicators and Rinse Manifolds		
Foaming Air Panel	11030137	82
Foaming Air Valve	11030136	84
Foaming Manifold	11250285	85
High Volume Rinse Arch Assembly	11250288	86
High Volume Rinse Arch Distribution Manifold	11250292	87
High Volume Rinse Arch	11250289	88
3X Foaming Wax Assembly	11250282	89
3X Foam Applicator	11250260	93

Table of Contents

	<u>Assembly Item</u>	<u>Page</u>
3X Foamer	11250266	94
Super Sealant Assembly	11250283	95
Super Sealant Applicator	11250265	98
Super Sealant Foamer	11250267	99
Front Prep Assembly	11250286	100
Front Prep Center Applicator	11250259	101
Front Prep Outer Applicator	11250269	102
OverGlow Assembly	11250284	103
OverGlow Applicator	11250262	104
OverGlow Foamer	11250261	105
Bridge Covers		
Bridge Covers	11260112	106
Bridge Center Covers, without LaserGlow	11260113	114
LaserGlow		
Bridge Center Covers, with LaserGlow	11260121	116
LaserGlow LED Bar	11310119	119
LaserGlow Downward Projection System	09020213	120
LaserGlow Downward Assembly	11310125	121
LaserGlow Downward LED Bar	11310115	122
LaserWash 360 Plus Pump Station		
Pump Station	09070171	125
Pump and Motor - General	11050135	134
Pump and Motor - CAT	11050140	139
Pump Electrical Control Panel	11010289	144
Water Heater	09130025	156
Pump Station In Bay Cover	11260123	160
Inlet and Outlet Control Valves		
Single High Pressure Pump Pressure Feed	09170140	164
Dual High Pressure Pump Pressure Feeds	09170141	165
Second Low Pressure Pump Pressure Feed	09170164	166
High Pressure Control without Underbody	11250293	167
High Pressure Control Valve with Underbody	11250281	168
Water Saver	09170159	169
Spot Free Valve for Spray Arch Delivery	11250279	170
Spot Free Valve for Spray Arch and High Volume Rinse Arch Delivery	11250280	171
Solution Injection		
3x Valve and Injector	11250274	172
Super Sealant Valve and Injector	11250275	173
Front Prep Valve and Injector	11250276	174
OverGlow Injector and Purge Valves	11250278	175

Table of Contents

	<u>Assembly Item</u>	<u>Page</u>
2nd High Pressure Solution Valve and Injector	09170154	176
2nd Detergent Valve and Injector	11250273	177
Foaming Wax Valve and Injector	11250294	178
Rust Inhibitor Valve and Injector	11250277	179
Weep		
Weep Distribution Manifold	09170142	180
Spot Free Weep, Main Arch	09170156	187
Spot Free Weep, Main Arch and High Volume Rinse Arch	09170158	188
3x Weep	09170146	189
Super Sealant Weep	09170148	190
Front Prep Weep	09170150	191
OverGlow Weep	09170153	192
Second Detergent Weep	09170144	193
Foaming Wax Weep	09170162	194
Rust Inhibitor Weep	09170151	195
Underbody Weep	09170160	196
LaserWash 360 Plus Integrated Dryer		
Integrated Dryer	09040181	199
SwingAir Dryer Oscillation Assembly	11170128	203
Integrated Dryer Oscillation Link	11170121	204
Producer Assembly, Outer	11100283	205
Producer Assembly, Inner, Fixed	11100204	207
Producer Assembly, Inner, SwingAir	11100214	209
MaxAir Stand Alone Dryer		
Stand Alone Dryer, Four Producer, Fixed	09040176	213
Producer Assembly, Fixed Stand Alone Dryer	11100083	215
Stand Alone Dryer, Four Producer, SwingAir	09040133	217
Stand Alone Dryer Oscillation Link	11170122	222
Producer Assembly, Inner, SwingAir Stand Alone Dryer	11100174	223
Producer Assembly, Outer, SwingAir Stand Alone Dryer	11100188	225
Stand Alone Dryer Side Producers	09040027	227
Producer Assembly, Side	11100143	229
Dryer Mounting		
Wall Mount Bracket Assembly	09040032	231
Leg Mount Assembly	09040024	232
Side Producer Wall Mount Assembly	09040033	233
Image Package		
Image Package, without Side Producers	09040126	234
Image Package Center Covers	11260018	235
Image Package, with Side Producers	09040127	236
Image Package, Wall Mount	09040128	237

Table of Contents

	<u>Assembly Item</u>	<u>Page</u>
Control Box		
Dryer Control Box	11010057	238
Oscillating Dryer Controls	11010194	240
Countdown Timer		
Basic Countdown Timer - no text	09020159	241
Basic Countdown Timer with Text	09020158	242
Basic Countdown Timer - no text	09020157	243
Basic Countdown Timer with Text	09020156	244
Dryer Shutoff		
Dryer Shutoff Kit	KIT4930S	245
Photoeye Control Box	11010275	246
LaserWash 360 Plus Entrance Services		
Underbody		
Underbody Manifold - with Side Blasters	09120018	249
Underbody Manifold - without Side Blasters	09120019	250
Underbody Manifold - In Place	11250299	251
In Place Underbody - Center Manifold	11250300	252
In Place Underbody - Right Manifold	11250301-RH	253
In Place Underbody - Left Manifold	11250301-LH	254
Gatling Guns		
Electric Gatling Guns	11400009	255
Electric Gatling Gun Loose Parts	11400010	257
Electric Gatling Gun Control Box	11010162	258
Side Combo Cleaner		
Side Combo Cleaner	09170039	259
Side Combo Tower	11130023	261
Rust inhibitor		
Rust Inhibitor Applicator	09120039	262
Rust Inhibitor Manifold	M920320	263
Wheel Cleaner		
Wheel Cleaner	09080004	264
Wheel Cleaner Applicator	11130013	265
Wheel Cleaner Pump	11050021	266
Wheel Cleaner Control Box	11010297	267
Underbody Activation		
Underbody Activation Photoeyes	09100009	269
Photoeye Control Box	11010275	270
Underbody Photoeye Heat	09100074	271
Underbody Activation Ultrasonic Sensors	11410015	272
Underbody Activation Ultrasonic Sensors with Heat	11410016	273
Underbody Activation Ultrasonic Sensors with Stand	11410017	274

Table of Contents

	<u>Assembly Item</u>	<u>Page</u>
Underbody Activation Ultrasonic Sensors for Stands	11410019	275
Underbody Activation Ultrasonic Sensors with Stand and Heat	11410018	276
Underbody Activation Ultrasonic Sensors for Stands and Heat	11410020	277
LaserWash 360 Plus Signs		
Bay Signs		
In Bay Sign - Basic	09020115	281
In Bay Sign - Deluxe	09020120	282
Service Confirmation Sign	09020116	283
Entrance Sign	09020166	284
Operating Instruction Sign	09020187	286
Sign Mounting Stand	09100113	287
Clearance Sign		
Clearance Sign, Non-Lighted, Hanging	09020001	288
Clearance Sign, Non-Lighted, Stand Mounted	09020009	289
Clearance Sign Leg	M300186	290
Clearance Sign Upper Arm	11080018	291
Clearance Sign, Lighted, Hanging	09020011	292
Clearance Sign, Lighted, Stand Mounted	09020006	293
Clearance Sign, Tube Style, Hanging	M924004	294
LaserWash 360 Plus Bay Equipment		
Bay Box	11010305	297
Conductor Control Box	11010259	299
System Stop	11010113	300
System Stop with Reset	11010173	301
Wash Activation Node	11010049	302
Side Ultrasonic Sensors		
Side Measurement Ultrasonic Sensors	11410015	303
Side Measurement Ultrasonic Sensors with Heat	11410016	304
Side Measurement Ultrasonic Sensors with Stand	11410017	305
Side Measurement Ultrasonic Sensors for Stands	11410019	306
Side Measurement Ultrasonic Sensors with Stand and Heat	11410018	307
Side Measurement Ultrasonic Sensors for Stands and Heat	11410020	308
Precision Loading		
Precision Loading	09160017	309
Precision Loading Junction Box	11010136	312
Precision Loading Heat	09130021	313
Door Controls		
Base Door Controls	09230005	314
Deluxe Door Controls	09110013	315
Ultimate Door Controls	09230004	316
Ultimate Door Control Box	11010276	318

Table of Contents

	<u>Assembly Item</u>	<u>Page</u>
Photoeye Control Box	11010275	319
Miscellaneous		
Booster Pump	09070145	323
Booster Pump Control Box 208/230V 60 Hz	11010184	324
Booster Pump Control Box 460V 60 Hz	11010200	325
RO Reject Pump System	09070132	326
Booster Pump with Pressure Tank	M920080	329
RO Reject Reuse System	09220048	332
RO Reject Reuse Inlet Valve	11030145	334
RO Reject Reuse Outlet Valve	11030146	335
RO Reject Reuse Overflow	11030147	336
Remote Control	04540049	337
LaserWash 360 Plus Spare Parts Kits		
LaserWash 360 Plus Customer Spare Parts Kit	09100193	341
LaserWash 360 Plus Distributor Spare Parts Kit	09100194	342
Revision Log		343



Frame

ITEM	PART #	DESCRIPTION
1	06140892	BRACKET,ANGLE,WALL-MT,NARROW,SST,LW
2	06140880	BRACKET,RAIL-ATTACH,WALL-MTG,SST
3	06140891	BRACKET,RAIL-SUPPORT,SHORT,SST
4	71015-NCS	NUT,1/2-13,HEX,LOCK,SST
5	71015-HCS	NUT,1/2-13,HEX,SST
6	71018-JCS	NUT,3/4-10,HEX,JAM,SST
7	71018-HCS	NUT,3/4-10,HEX,SST
8	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
9	M330033-S	PLATE,BACKING,.25x4.00x4.00,SST,1/2-RODS
10	M330052-S	PLATE,BACKING,.25x4.00x4.00,SST,3/4-RODS
11	70257-HCS	SCREW,1/2-13x1.50,HHCS,SST
12	70267-HCS	SCREW,1/2-13x4.00,HHCS,SST
13	70181-HCS	SCREW,3/8-16x1.25,HHCS,SST
14	M390020-S	THREADED-ROD,1/2-13x14.00,SST
15	M390035-S	THREADED-ROD,3/4-10x21.00,SST
16	06180058	TIE-ROD,3/4NCx8.12,RAIL-MOUNT,SST
17	71515-LS	WASHER,1/2,LOCK,SST
18	71518-LS	WASHER,3/4,LOCK,SST
19	71513-FS	WASHER,3/8,FLAT,SST



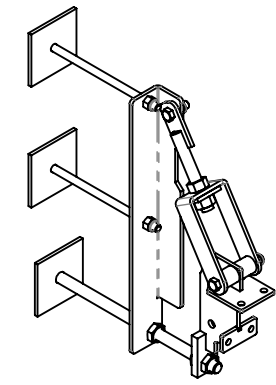
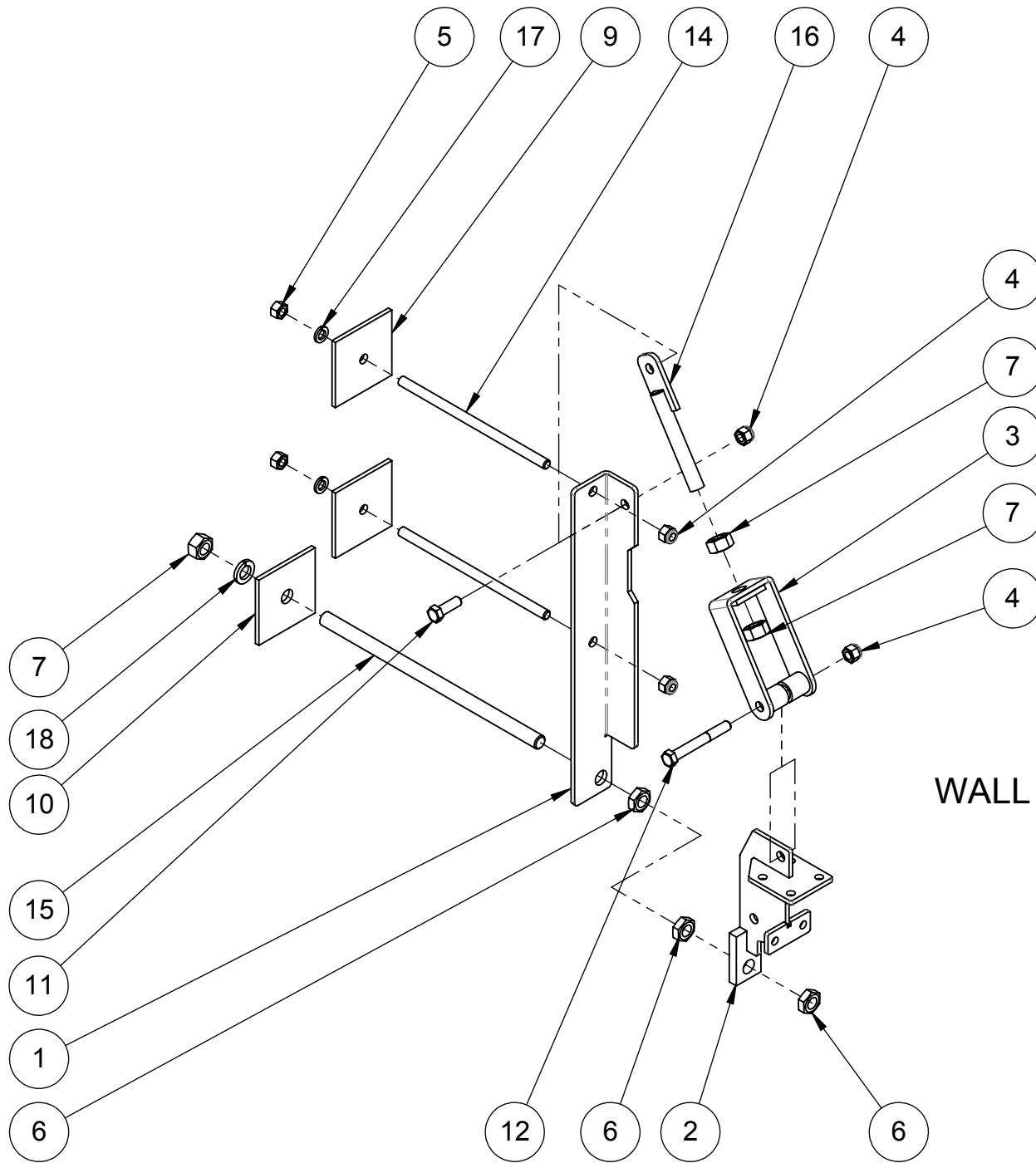
Vehicle Wash Systems
A DOVER COMPANY

DESCRIPTION:
WALL MOUNT BRACKETS
13'-6" - 14'-4"


PICTORIAL PARTS CATALOG - CONFIDENTIAL

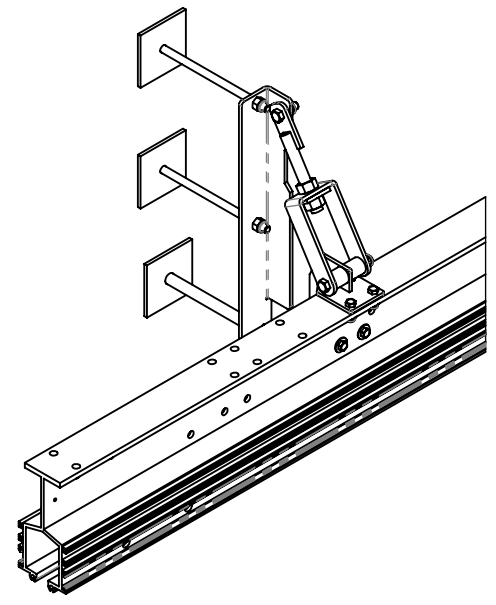
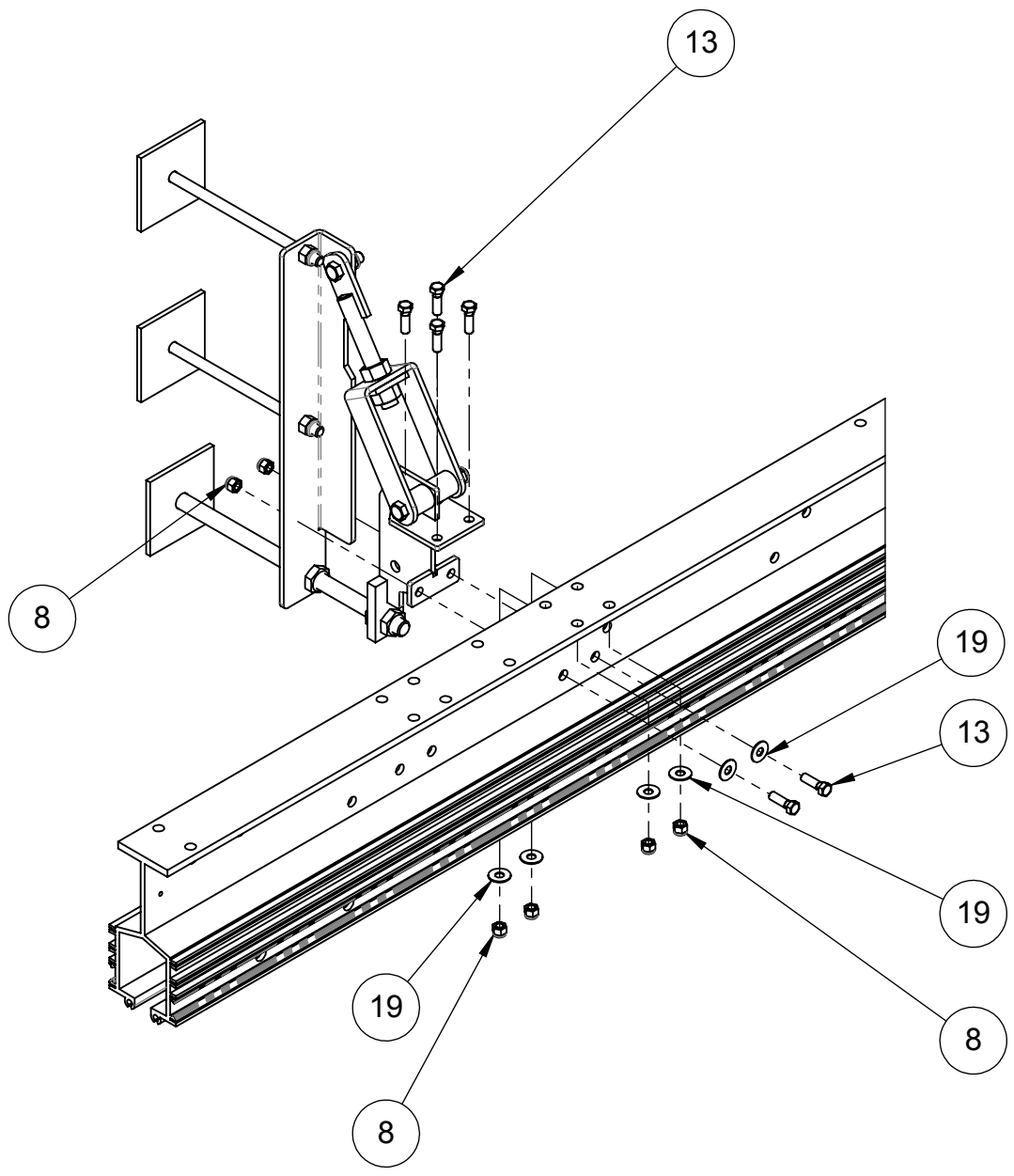
DWG. NO.
09050025

REV
00




WALL BRACKET ASSEMBLY


	Vehicle Wash Systems <small>A DOVER COMPANY</small>	
	DESCRIPTION: WALL MOUNT BRACKETS 13'-6" - 14'-4"	
PICTORIAL PARTS CATALOG - CONFIDENTIAL		
DWG. NO. 09050025	REV 00	

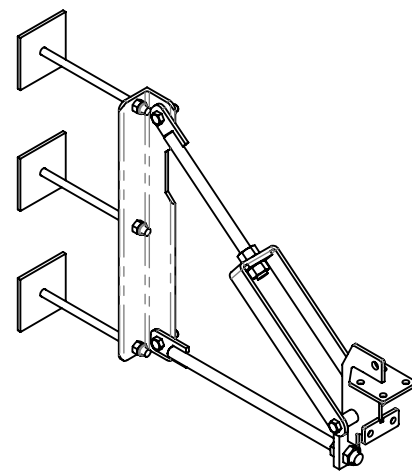
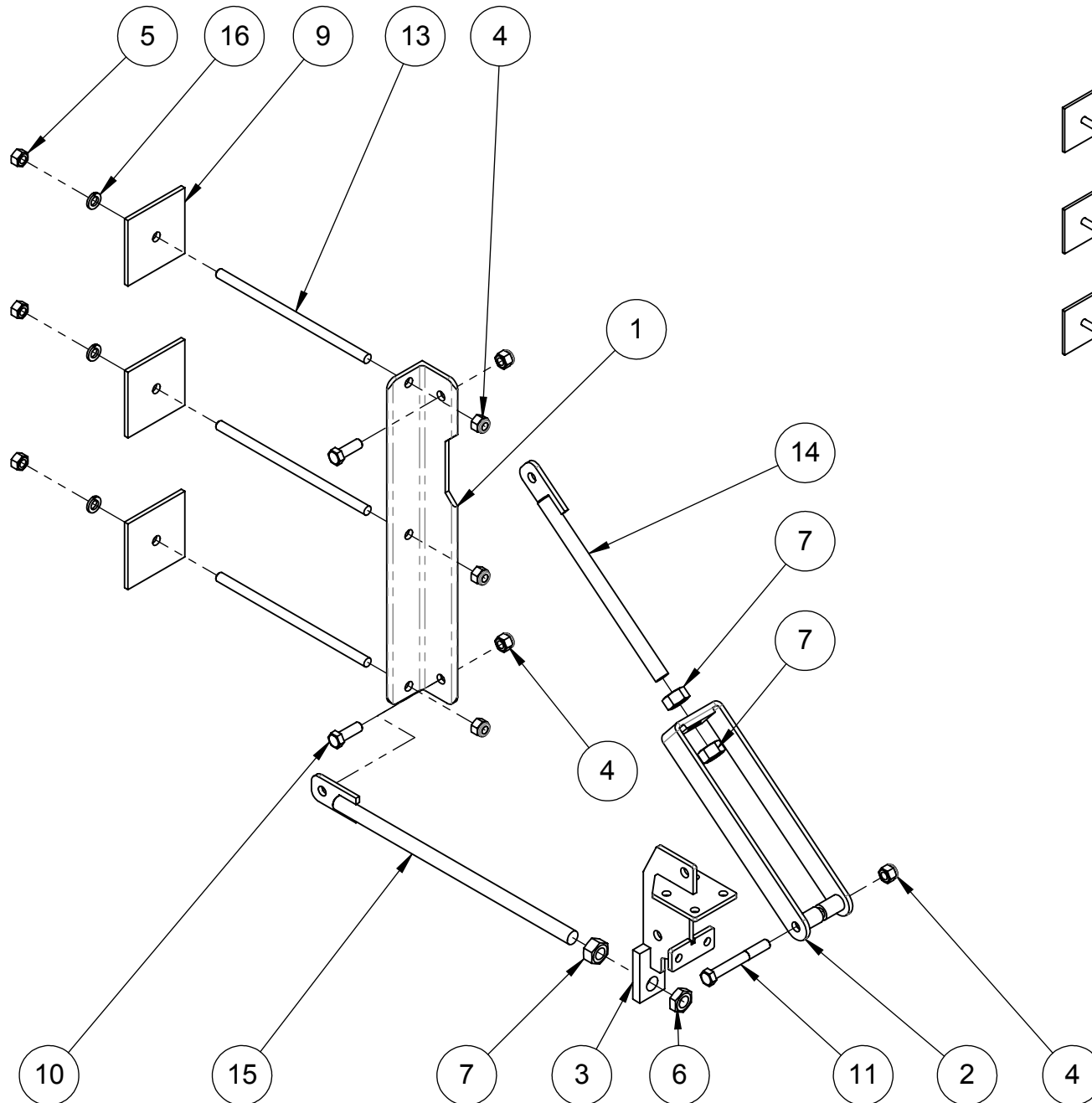



RAIL ATTACHMENT

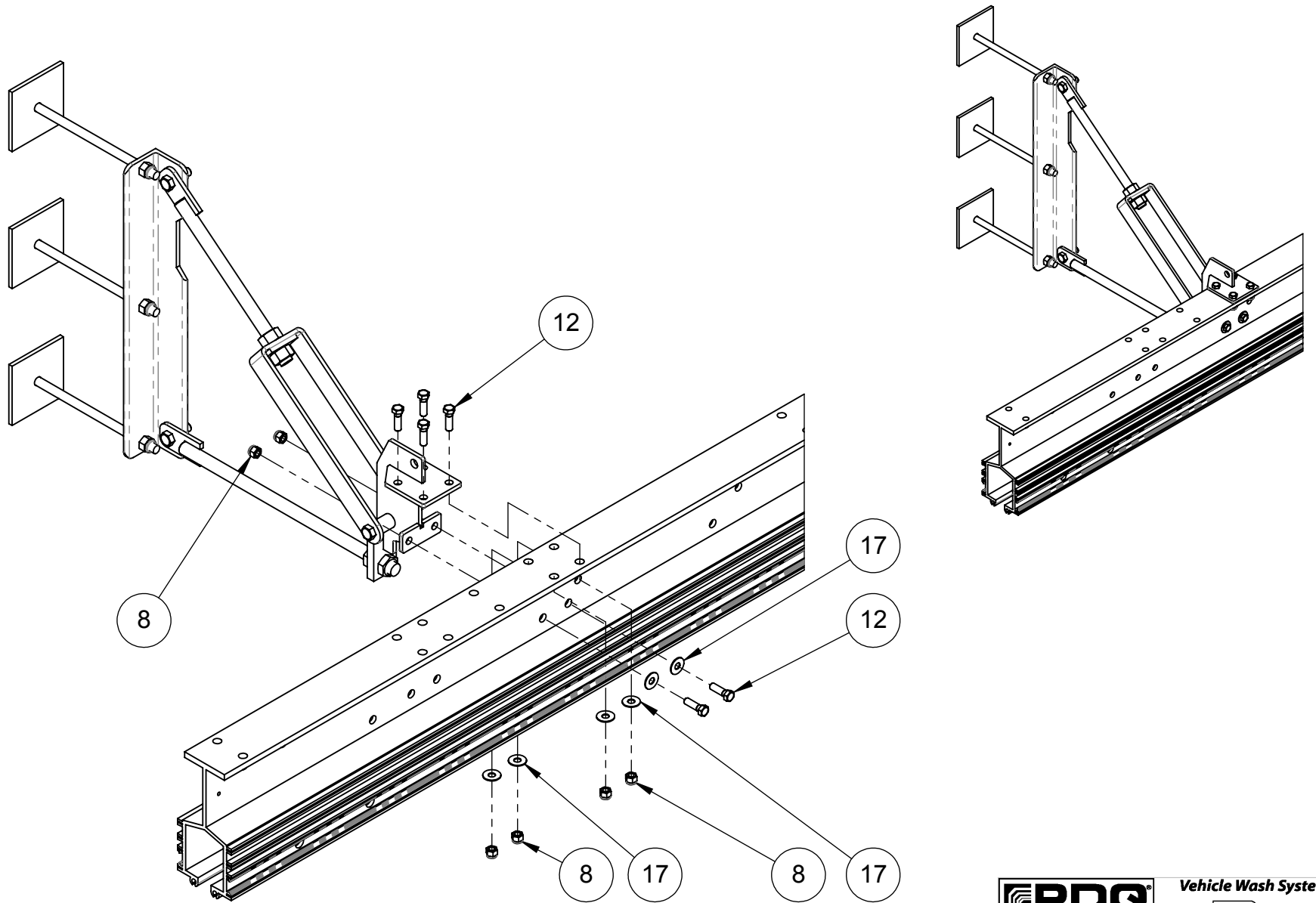
 Vehicle Wash Systems <small>A DOVER COMPANY</small>	
DESCRIPTION: WALL MOUNT BRACKETS 13'-6" - 14'-4"	
PICTORIAL PARTS CATALOG - CONFIDENTIAL	
DWG. NO. 09050025	REV 00


ITEM	PART #	DESCRIPTION
1	M530029-S	ANGLE WALL MOUNT ST STL
2	M310093	BRACKET RAIL SUPPORT
3	06140880	BRACKET,RAIL-ATTACH,WALL-MTG,SST
4	71015-NCS	NUT,1/2-13,HEX,LOCK,SST
5	71015-HCS	NUT,1/2-13,HEX,SST
6	71018-JCS	NUT,3/4-10,HEX,JAM,SST
7	71018-HCS	NUT,3/4-10,HEX,SST
8	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
9	M330033-S	PLATE,BACKING,.25x4.00x4.00,SST,1/2-RODS
10	70257-HCS	SCREW,1/2-13x1.50,HHCS,SST
11	70267-HCS	SCREW,1/2-13x4.00,HHCS,SST
12	70181-HCS	SCREW,3/8-16x1.25,HHCS,SST
13	M390020-S	THREADED-ROD,1/2-13x14.00,SST
14	M390124-S	TIE-ROD,3/4NCx14.62,RAIL-MOUNT,SST
15	M390122-S	TIE-ROD,3/4NCx16.75,RAIL-MOUNT,SST
16	71515-LS	WASHER,1/2,LOCK,SST
17	71513-FS	WASHER,3/8,FLAT,SST

 Vehicle Wash Systems <small>A DOVER COMPANY</small>	
DESCRIPTION: WALL MOUNT BRACKETS 14'4"-16'1" BAY	
PICTORIAL PARTS CATALOG - CONFIDENTIAL	
DWG. NO. 09050020	REV 00




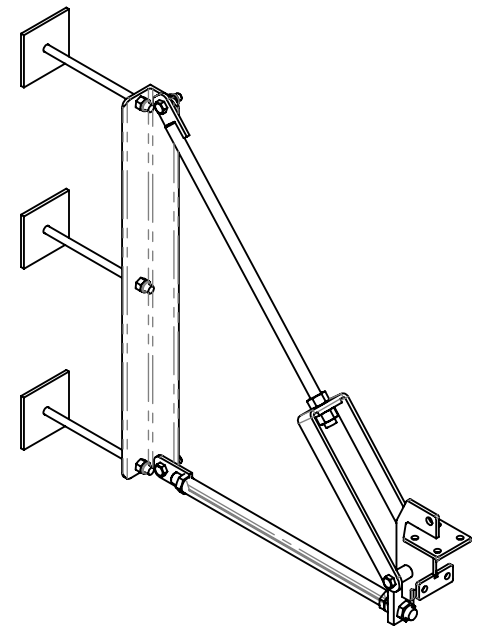
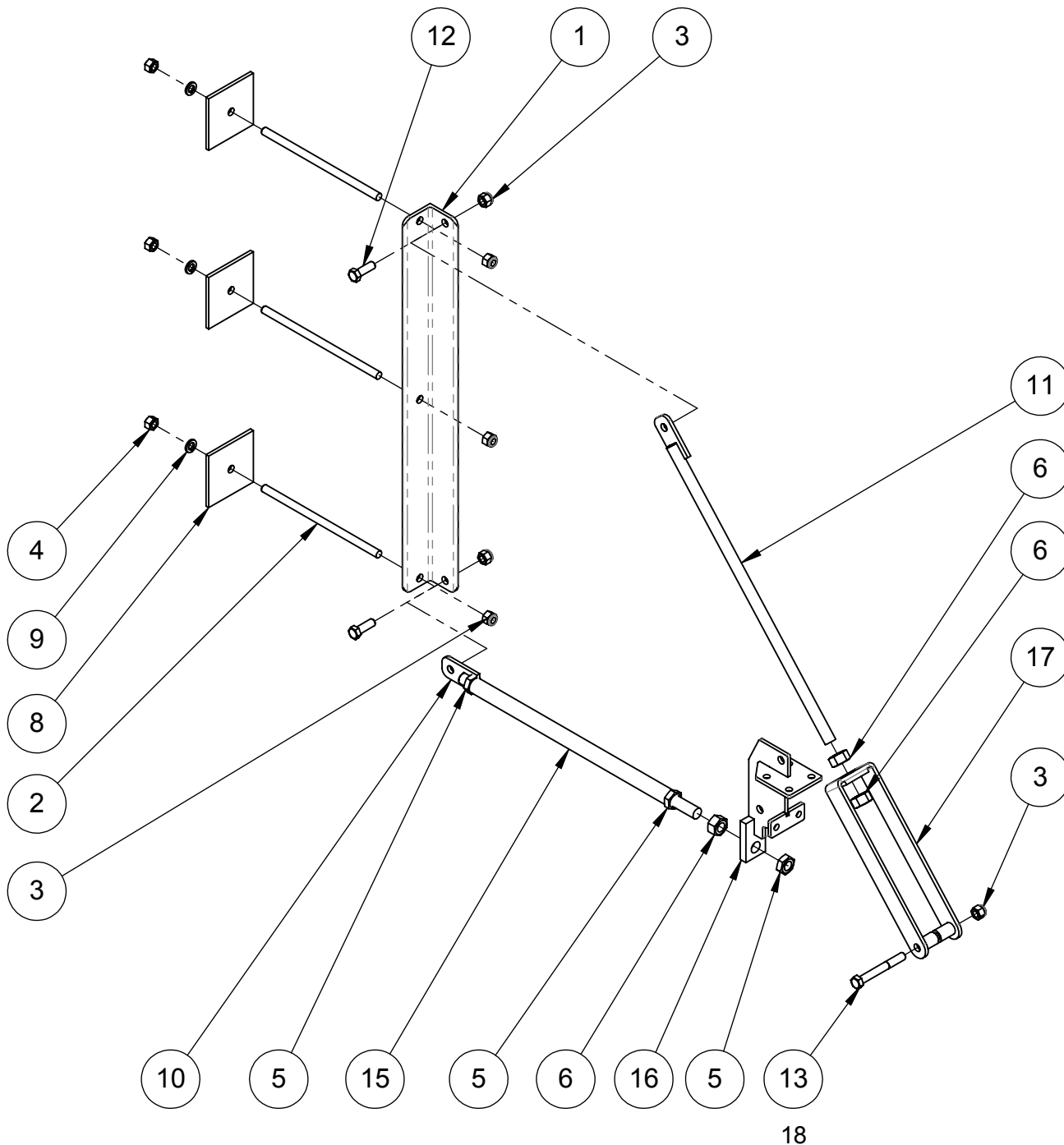
	Vehicle Wash Systems <small>A DOVER COMPANY</small>	
	DESCRIPTION: WALL MOUNT BRACKETS 14'4"-16'1" BAY	
PICTORIAL PARTS CATALOG - CONFIDENTIAL		
DWG. NO. 09050020	REV 00	




	Vehicle Wash Systems <small>A DOVER COMPANY</small>	
	DESCRIPTION: WALL MOUNT BRACKETS 14'4"-16'1" BAY	
PICTORIAL PARTS CATALOG - CONFIDENTIAL		
DWG. NO. 09050020	REV 00	

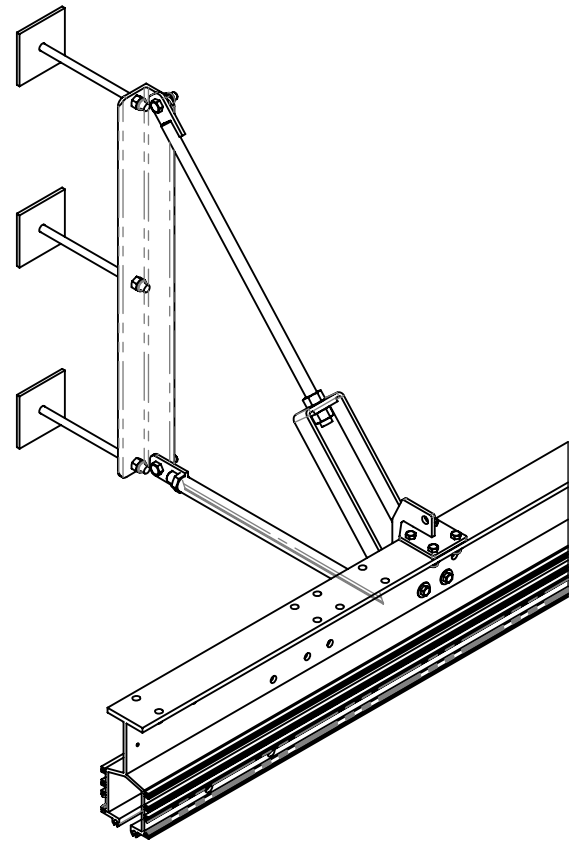
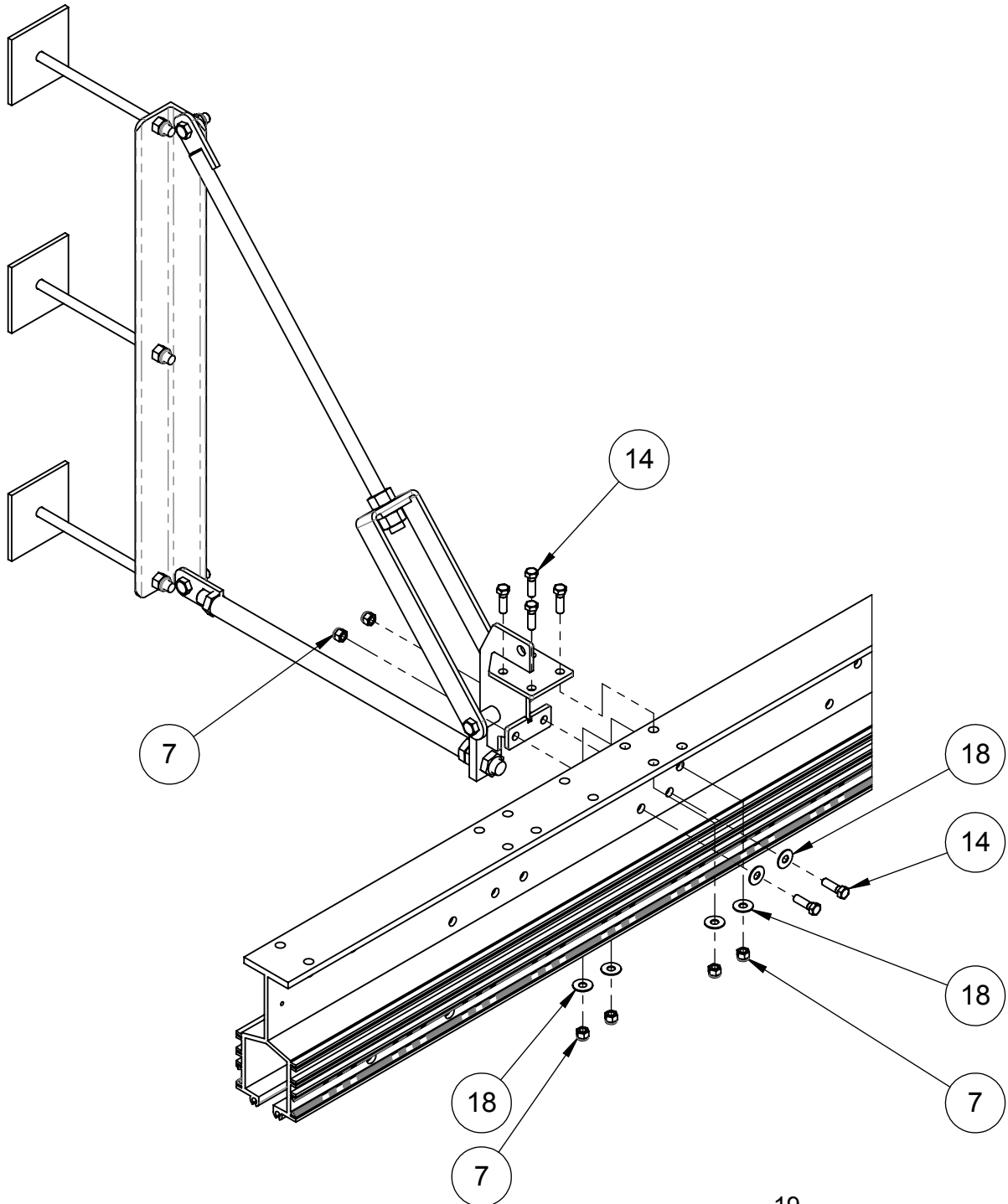
ITEM	PART #	DESCRIPTION
1	M530042-S	ANGLE,WALL-MOUNT,18-0-BAY,STD-LW4K,SST
2	M390020-S	THREADED-ROD,1/2-13x14.00,SST
3	71015-NCS	NUT,1/2-13,HEX,LOCK,SST
4	71015-HCS	NUT,1/2-13,HEX,SST
5	71018-JCS	NUT,3/4-10,HEX,JAM,SST
6	71018-HCS	NUT,3/4-10,HEX,SST
7	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
8	M330033-S	PLATE,BACKING,.25x4.00x4.00,SST,1/2-RODS
9	71515-LS	WASHER,1/2,LOCK,SST
10	M390123-S	TIE-ROD,3/4NCx28.75,RAIL-MOUNT
11	M390123-S	TIE-ROD,3/4NCx28.75,RAIL-MOUNT
12	70257-HCS	SCREW,1/2-13x1.50,HHCS,SST
13	70267-HCS	SCREW,1/2-13x4.00,HHCS,SST
14	70181-HCS	SCREW,3/8-16x1.25,HHCS,SST
15	M580012	PIPE,.75x18,SST
16	06140880	BRACKET,RAIL-ATTACH,WALL-MTG,SST
17	M310093-S	BRACKET,RAIL-SUPPORT,SST
18	71513-FS	WASHER,3/8,FLAT,SST


 Vehicle Wash Systems <small>A DOVER COMPANY</small>	
DESCRIPTION: WALL MOUNT BRACKETS 16'1"-18'1"	
PICTORIAL PARTS CATALOG - CONFIDENTIAL	
DWG. NO. 09050023	REV 00



	Vehicle Wash Systems <small>A DOVER COMPANY</small>	
	DESCRIPTION: WALL MOUNT BRACKETS 16'1"-18'1"	
PICTORIAL PARTS CATALOG - CONFIDENTIAL		
DWG. NO. 09050023	REV 00	

THIS DRAWING AND THE INFORMATION THEREIN IS THE SOLE PROPERTY OF PDQ MANUFACTURING, INC. AND CANNOT BE COPIED OR DISCLOSED WITHOUT THE WRITTEN CONSENT OF PDQ MANUFACTURING, INC.



	Vehicle Wash Systems <small>A DOVER COMPANY</small>	
	DESCRIPTION: WALL MOUNT BRACKETS 16'1"-18'1"	
PICTORIAL PARTS CATALOG - CONFIDENTIAL		
DWG. NO. 09050023	REV 00	

LASERWASH FREESTANDING FRAME PARTS LIST

APPLIES TO SERIAL NUMBER LB0321 AND HIGHER

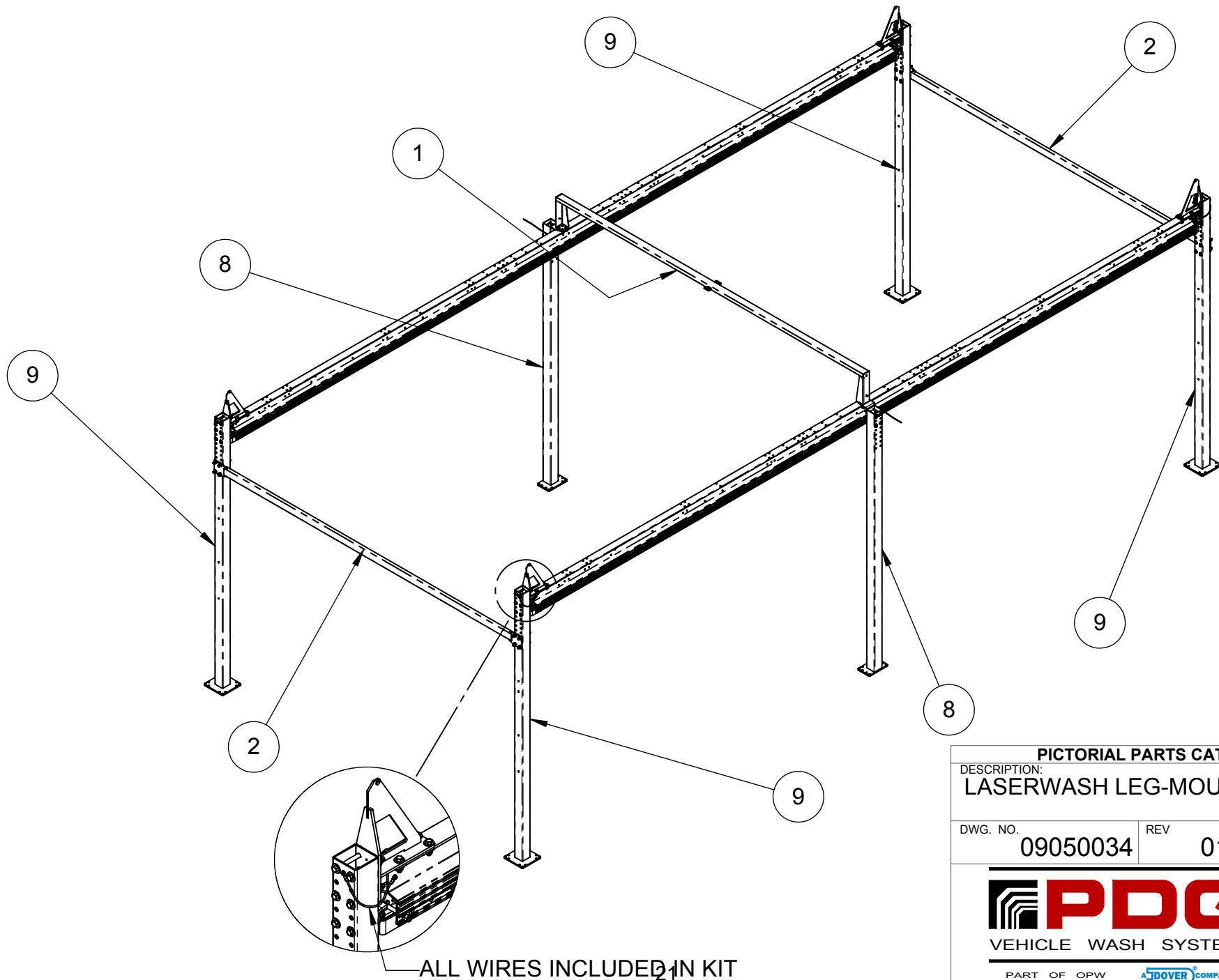
ITEM	PART #	DESCRIPTION
1	06230110	BEAM,FRAME,CROSS-BAY,CENTER,GALV,LJET
2	06230115	BEAM,FRAME,CROSS-BAY,END,GALV,LWASH/LJET
3	06140913	BRACKET,RAIL-ATTACH,ADJUSTMENT,SST
4	06140910	BRACKET,RAIL-ATTACH,CENTER-LEG,SST
5	06140916	BRACKET,RAIL-ATTACH,END-SUPPORT,SST
6	06140909	BRACKET,RAIL-ATTACH,LEG-MTG,GALV-STL
7	04080022	HARNESS,KIT,GROUNDING,FREESTANDING-FRAME
8	06230109	LEG,FRAME,CENTER,4x4,GALV-STL,LASERWASH
9	06230108	LEG,FRAME,CORNER,4x4,GALV-STL,LWASH/LJET
10	71015-JCS	NUT,1/2-13,HEX,JAM,SST
11	71015-NCS	NUT,1/2-13,HEX,LOCK,SST
12	71015-HCS	NUT,1/2-13,HEX,SST
13	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
14	70258-HCS	SCREW,1/2-13x1.75,HHCS,SST
15	70259-HCS	SCREW,1/2-13x2.00,HHCS,SST
16	05040253	SCREW,1/2-13x5.00,HHCS,SST
17	05040220	SCREW,1/2-13x5.50,HHCS,SST
18	05040215	SCREW,1/2-13x6.00,HHCS,SST,FULL-THD
19	73726-THCZ	SCREW,1/4-14x.75,HWHTEK,ZP
20	70182-HCS	SCREW,3/8-16x1.50,HHCS,SST
21	71515-FSS	WASHER,1/2,FLAT,SST
22	71513-FS	WASHER,3/8,FLAT,1-OD,.083THK,SST

PICTORIAL PARTS CATALOG

DESCRIPTION:
LASERWASH LEG-MOUNT FRAME

DWG. NO.	REV	SHEET
09050034	01	1 OF 5





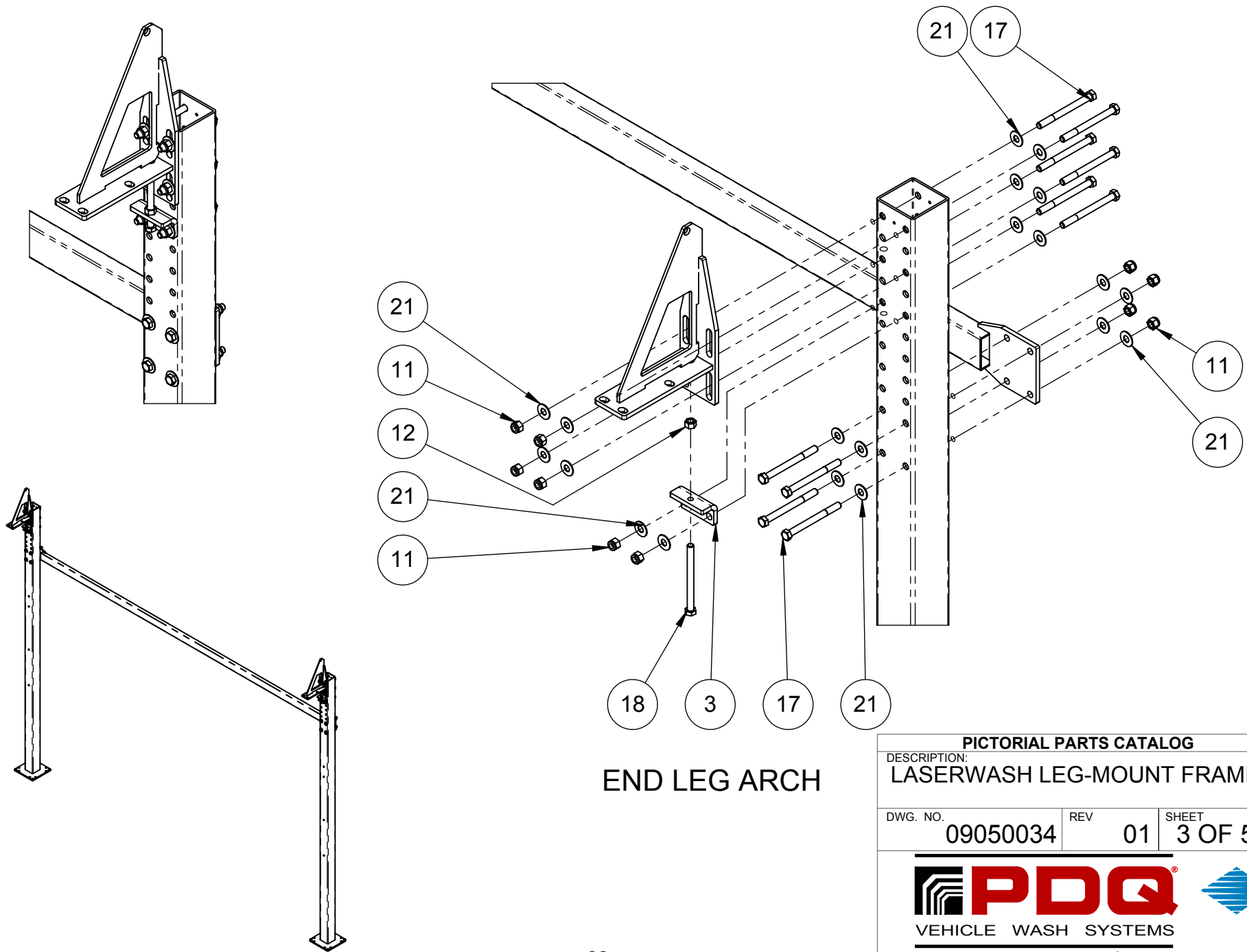
PICTORIAL PARTS CATALOG

DESCRIPTION:
LASERWASH LEG-MOUNT FRAME

DWG. NO.	REV	SHEET
09050034	01	2 OF 5

PDQ
VEHICLE WASH SYSTEMS

PART OF OPW **ADOVER** COMPANY



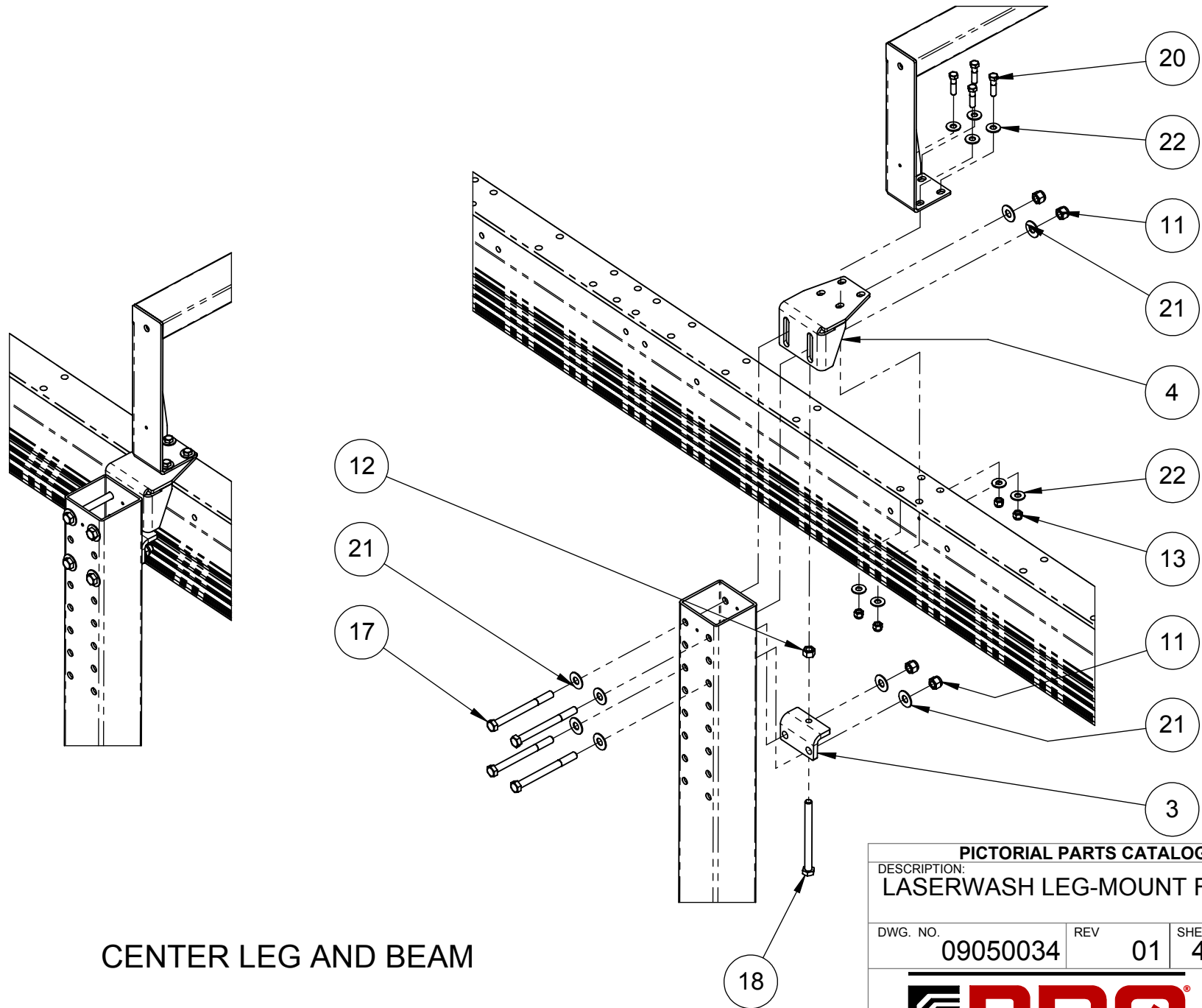
END LEG ARCH

PICTORIAL PARTS CATALOG

DESCRIPTION:
LASERWASH LEG-MOUNT FRAME

DWG. NO.	REV	SHEET
09050034	01	3 OF 5





CENTER LEG AND BEAM

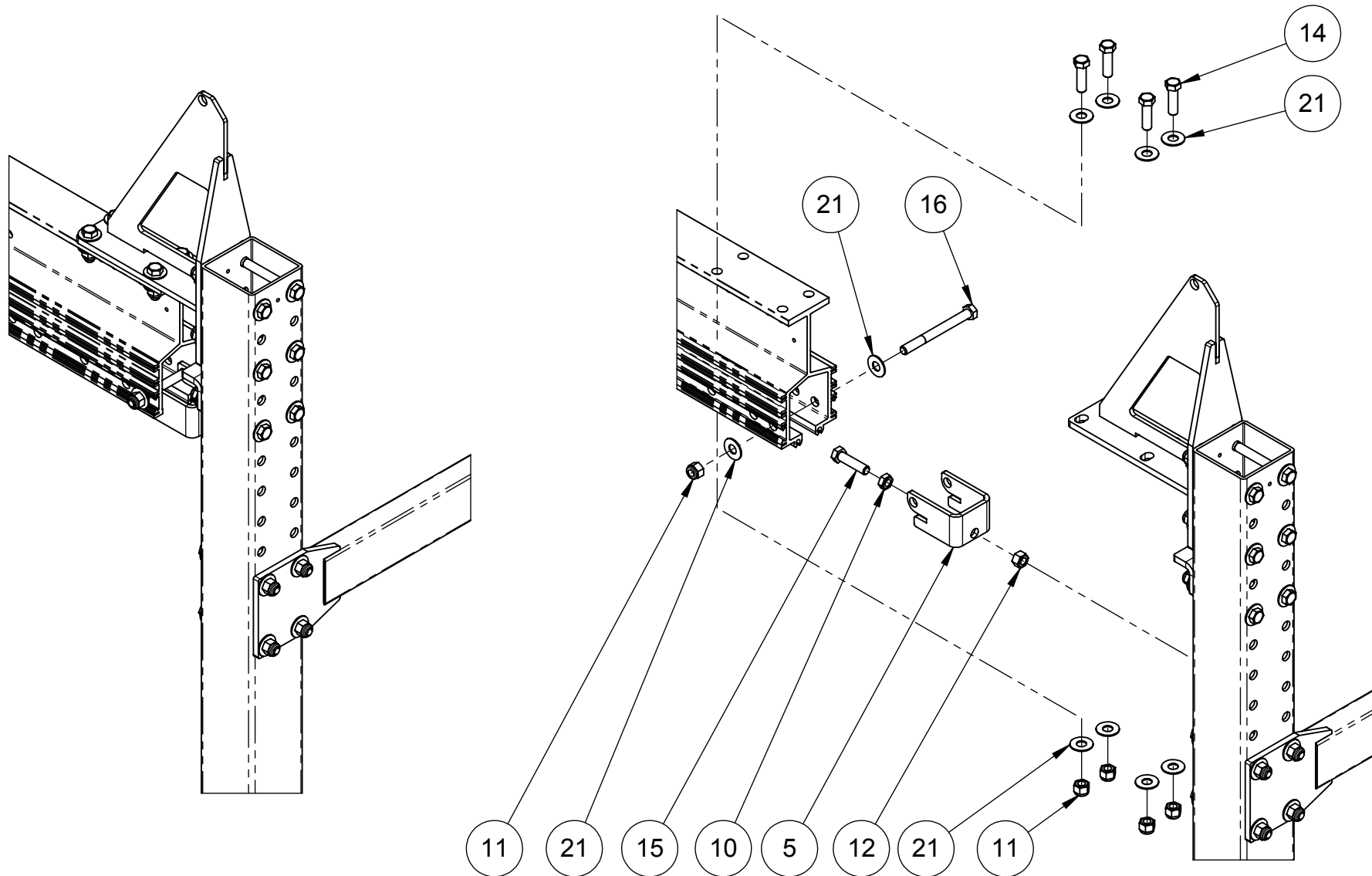
PICTORIAL PARTS CATALOG

DESCRIPTION:
LASERWASH LEG-MOUNT FRAME




DWG. NO.	REV	SHEET
09050034	01	4 OF 5

PDQ
VEHICLE WASH SYSTEMS

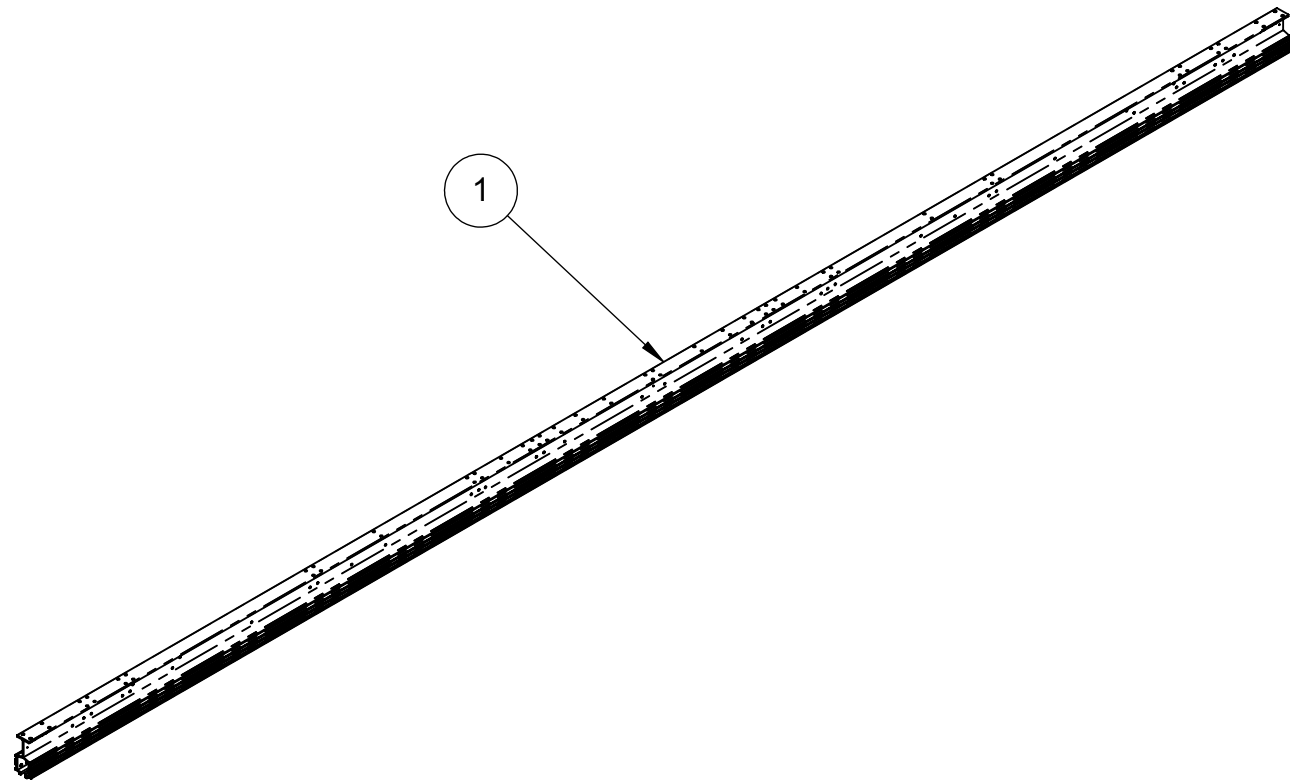
PART OF OPW **ADOVER** COMPANY






RAIL END SUPPORTS

PICTORIAL PARTS CATALOG		
DESCRIPTION: LASERWASH LEG-MOUNT FRAME		
DWG. NO.	REV	SHEET
09050034	01	5 OF 5
 PDQ VEHICLE WASH SYSTEMS		
PART OF OPW		 COMPANY

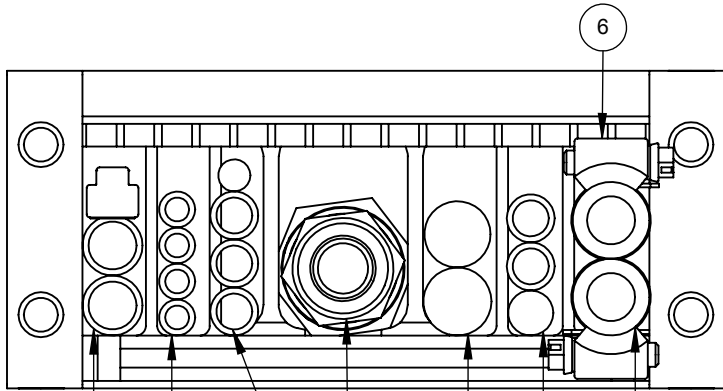
ITEM	PART #	DESCRIPTION
1	06230143	RAIL,ROLLER,TRACK,WALL/FRAME,334",LWASH



PICTORIAL PARTS CATALOG		
DESCRIPTION: LASERWASH 360 PLUS MAIN RAIL		
DWG. NO.	REV	SHEET
06230143	04	1 OF 1
		
VEHICLE WASH SYSTEMS		
PART OF OPW		

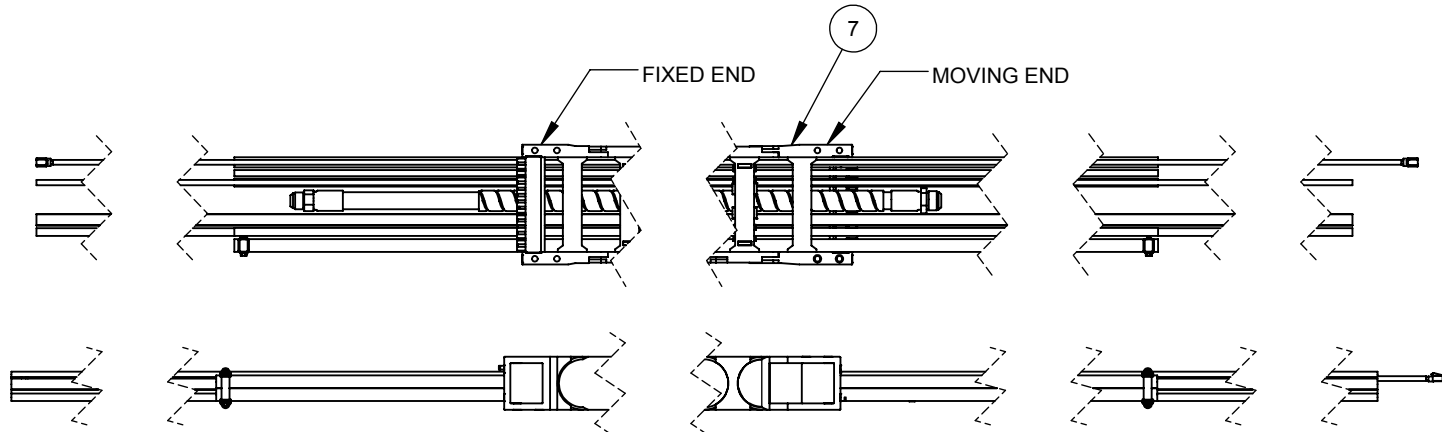


E-Chain





BALLOONS STACKED IN ORDER OF ASSEMBLY FROM TOP TO BOTTOM

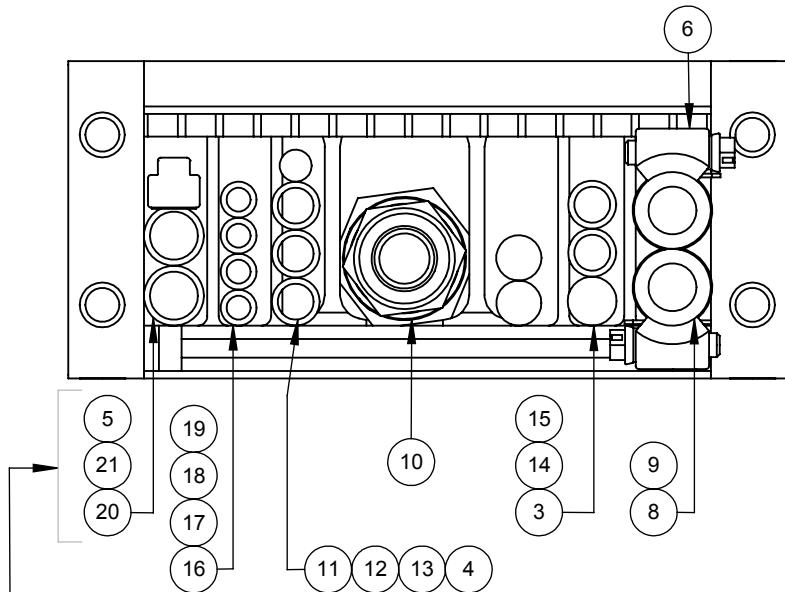
ITEM	PART #	LABEL TEXT	DESCRIPTION
1	01140030	40W31-BRIDGE PWR	CABLE,12-4,PVC,512/38-STRD,COP,3BLK,1GRN
2	01140033	40W38 - SYS STOP	CABLE,14-5,PVC,50/30-STRD,COP,4BLK,1GRN
3	01140024	40W33 - DRYER #1	CABLE,8-4,PVC,301/32-STRD,COP,3BLK,1GRN
4	01140024	40W36 - DRYER #2	CABLE,8-4,PVC,301/32-STRD,COP,3BLK,1GRN
5	080308	ETHERNET	CABLE,ETHERNET,HIGH-FLEX,404",RJ45-ENDS
6	5101		CLAMP,HOSE,#6,.38-.50H,SST
7	06050119		E-CHAIN,BRIDGE,46-LINK,IGUS,E4-56,LW360P
8	61025	RINSE - PROD MANIF	HOSE,.50,200PSI,BLACK,SYN-RBR,SYN-YRN
9	61025	RINSE - MAIN ARCH	HOSE,.50,200PSI,BLACK,SYN-RBR,SYN-YRN
10	03340134		HOSE,BRIDGE,HP,3/4"x195",SPIRAL,LW360P
11	01120019	DETERGENT#1	TUBING,1/2"ODx.06W,150PSI@70°F,LLDPE,BLK
12	01120019	DETERGENT#2	TUBING,1/2"ODx.06W,150PSI@70°F,LLDPE,BLK
13	01120019	FOAMING WAX	TUBING,1/2"ODx.06W,150PSI@70°F,LLDPE,BLK
14	01120019	SUPER SEALANT	TUBING,1/2"ODx.06W,150PSI@70°F,LLDPE,BLK
15	01120019	FRONT PREP	TUBING,1/2"ODx.06W,150PSI@70°F,LLDPE,BLK
16	01120016	COMP AIR	TUBING,3/8ODx1/16"WALL,230PSI@70F,LLDPE,BLACK
17	01120016	3X COLOR #1	TUBING,3/8ODx1/16"WALL,230PSI@70F,LLDPE,BLACK
18	01120016	3X COLOR #2	TUBING,3/8ODx1/16"WALL,230psi@70F,LLDPE,BLACK
19	01120016	3X COLOR #3	TUBING,3/8ODx1/16"WALL,230psi@70F,LLDPE,BLACK
20	01120012	OVERGLOW-CHEM	TUBING,5/8ODx.06W,100psi@70F,LLDPE,BLACK
21	01120012	OVERGLOW-PURGE	TUBING,5/8ODx.06W,100psi@70F,LLDPE,BLACK



DIRECTION OF DETAIL VIEW →

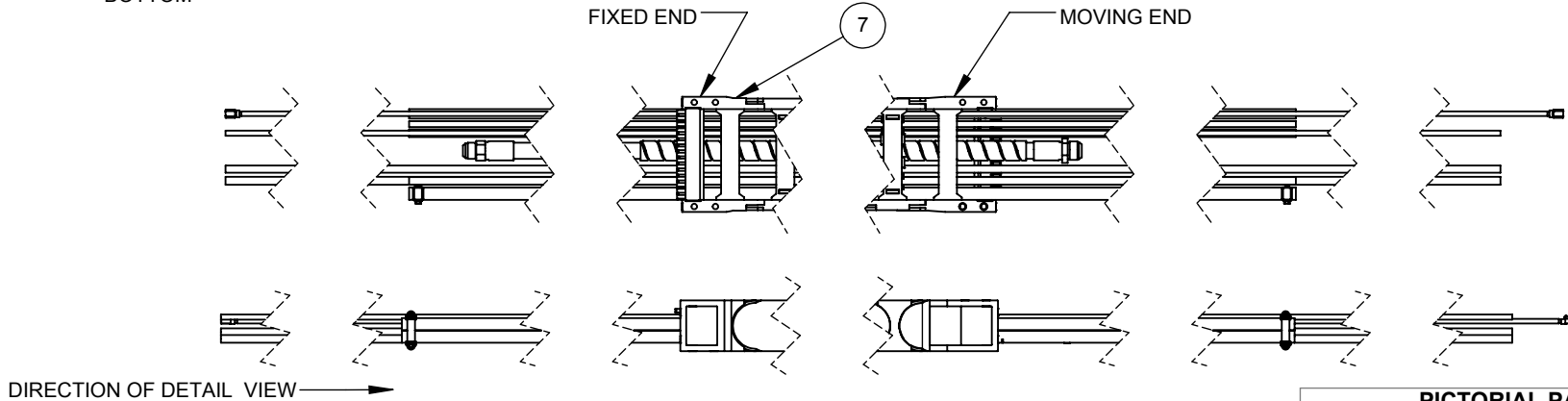
11190038 208/220/230V TO BRIDGE (ALL OPTIONS SHOWN)

PICTORIAL PARTS CATALOG		
DESCRIPTION: BRIDGE E-CHAIN, 208/220/230V BRIDGE		
DWG. NO. 11190038	REV 01	SHEET 1 OF 1
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small> 		






BALLOONS
STACKED IN
ORDER OF
ASSEMBLY
FROM TOP TO
BOTTOM

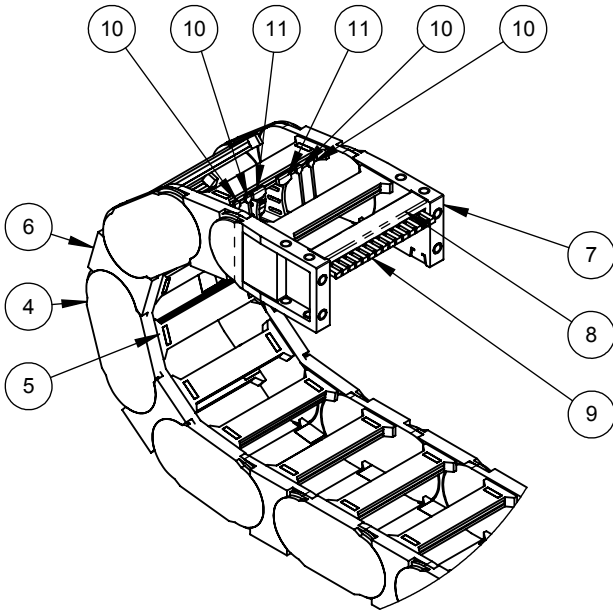
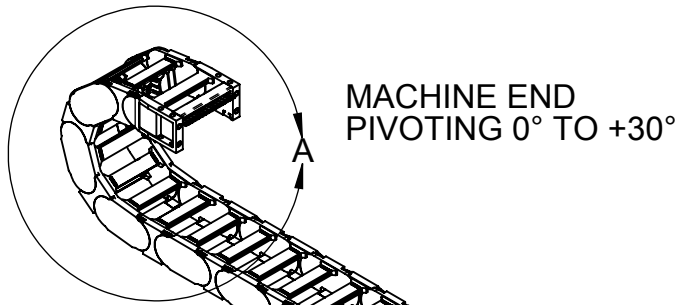
ITEM	PART #	LABEL TEXT	DESCRIPTION
1	01140030	40W33 - DRYER #1	CABLE,12-4,PVC,512/38-STRD,COP,3BLK,1GRN
2	01140030	40W36 - DRYER #2	CABLE,12-4,PVC,512/38-STRD,COP,3BLK,1GRN
3	01140031	40W31 - BRIDGE PWR	CABLE,12-5,PVC,56/25-STRD,COP,4BLK,1GRN
4	01140033	40W38 - SYS STOP	CABLE,14-5,PVC,50/30-STRD,COP,4BLK,1GRN
5	04080308	ETHERNET	CABLE,ETHERNET,HIGH-FLEX,404",RJ45-ENDS
6	75101		CLAMP,HOSE,#6,.38-.50H,SST
7	06050119		E-CHAIN,BRIDGE,46-LINK,IGUS,E4-56,LW360P
8	61025	RINSE - PROD MANIF	HOSE,.50,200PSI,BLACK,SYN-RBR,SYN-YRN
9	61025	RINSE - MAIN ARCH	HOSE,.50,200PSI,BLACK,SYN-RBR,SYN-YRN
10	03340134		HOSE,BRIDGE,HP,3/4"x195",SPIRAL,LW360P
11	01120019	DETERGENT#1	TUBING,1/2"ODx.06W,150PSI@70°F,LLDPE,BLK
12	01120019	DETERGENT#2	TUBING,1/2"ODx.06W,150PSI@70°F,LLDPE,BLK
13	01120019	FOAMING WAX	TUBING,1/2"ODx.06W,150PSI@70°F,LLDPE,BLK
14	01120019	SUPER SEALANT	TUBING,1/2"ODx.06W,150PSI@70°F,LLDPE,BLK
15	01120019	FRONT PREP	TUBING,1/2"ODx.06W,150PSI@70°F,LLDPE,BLK
16	01120016	COMP AIR	TUBING,3/8ODx1/16"WALL,230PSI@70F,LLDPE,BLACK
17	01120016	3X COLOR #1	TUBING,3/8ODx1/16"WALL,230PSI@70F,LLDPE,BLACK
18	01120016	3X COLOR #2	TUBING,3/8ODx1/16"WALL,230psi@70F,LLDPE,BLACK
19	01120016	3X COLOR #3	TUBING,3/8ODx1/16"WALL,230psi@70F,LLDPE,BLACK
20	01120012	OVERGLOW-CHEM	TUBING,5/8ODx.06W,100psi@70F,LLDPE,BLACK
21	01120012	OVERGLOW-PURGE	TUBING,5/8ODx.06W,100psi@70F,LLDPE,BLACK



FOR 11190040 400V TO BRIDGE
(ALL OPTIONS SHOWN)

PICTORIAL PARTS CATALOG		
DESCRIPTION: BRIDGE E-CHAIN, 400V TO BRIDGE		
DWG. NO. 11190040	REV 01	SHEET 1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

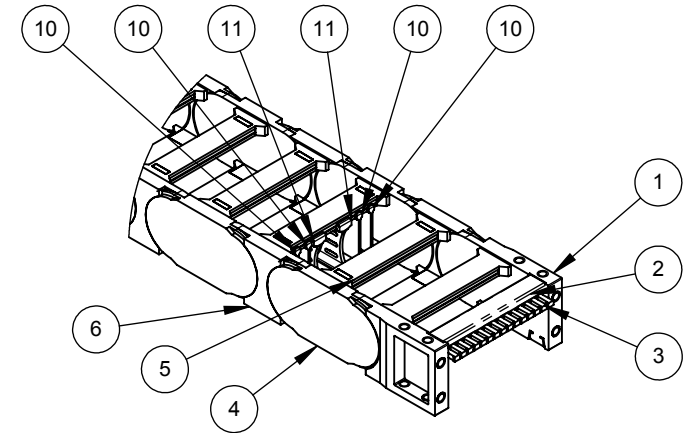
ITEM	PART #	DESCRIPTION	MANUFACTURER PART NO.
1	06050093A	BRACKET,MTG,PIVOTING-30°,E4.56,E-CHAIN,NO-CHNL	E4.560.15.2
2	06050092A	BRACKET,MTG,PIVOTING-60°,E4.56,NO-CHNL	E4.560.15.1
3	06050094	CROSSBAR,E-CHAIN,IGUS,450-150	450-150
4	06050091	LINK,E-CHAIN,INNER,BRIDGE,E4.56.02.150	E4.56.02.150
5	06050090	LINK,E-CHAIN,OUTER,BRIDGE,E4.56.01	E4.56.01
6	06050092C	PLATE,TIE-WRAP,STRAIN-RELIEF,E4.56 E-CHAIN	3150-ZBKMA
7	06050093C	PLATE,TIE-WRAP,STRAIN-RELIEF,E4.56 E-CHAIN	3150-ZBKMA
8	06050092B	PROFILE-RAIL,C-CHANNEL,E4.56,SST	CF-92-42KMASS
9	06050093B	PROFILE-RAIL,C-CHANNEL,E4.56,SST	CF-92-42KMASS
10	06050104	SEPARATOR,E-CHAIN,E4.56,LASERWASH	56-1
11	06180069	SEPARATOR,E-CHAIN,VERTICAL,IGUS,483	483



DETAIL A
SCALE 1 : 8




NOTES:

1. COMPONENTS #06050092A, 06050092B, 06050092C CAN BE ORDERED AS A SINGLE ASSEMBLY PDQ 06050092.
2. COMPONENTS #06050093A, 06050093B, 06050093C ARE ORDERED AS A SINGLE ASSEMBLY PDQ 06050093.

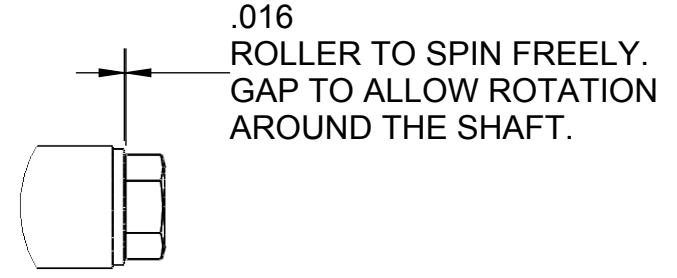
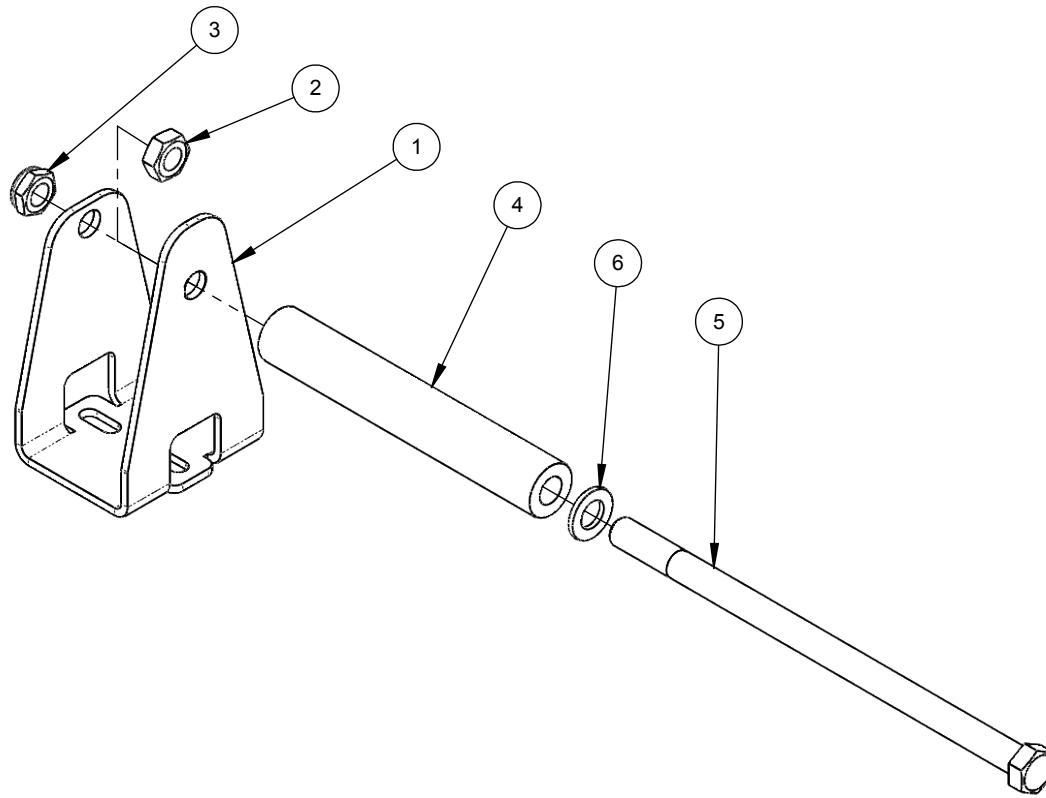


DETAIL B
SCALE 1 : 8

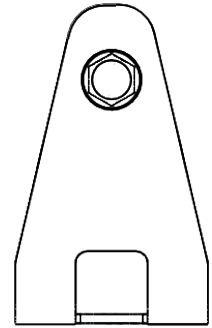
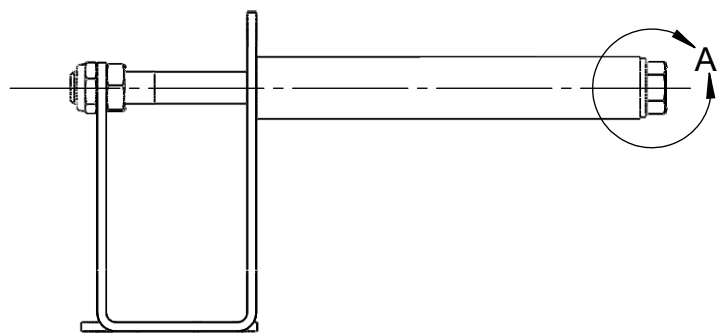
FRAME END
PIVOTING -30° TO +30°




PICTORIAL PARTS CATALOG		
DESCRIPTION: E-CHAIN BRIDGE, 46 LINKS LASERWASH 360PLUS		
DWG. NO. 06050119	REV 03	SHEET 1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW</small>  COMPANY		

ITEM	PART #	DESCRIPTION
1	06141218	BRACKET,ROLLER-SPRT,E-CHAIN,SST,LW360P
2	71017-JCS	NUT,5/8-11,HEX,JAM,SST
3	05020077	NUT,5/8-11,HEX,LOCK,JAM,SST
4	06170034	ROLLER,E-CHAIN-SUPPORT,LONG,UHMW
5	05040266	SCREW,5/8-11x12,HHCS,SST
6	05030020	WASHER,M16,FLAT,SST

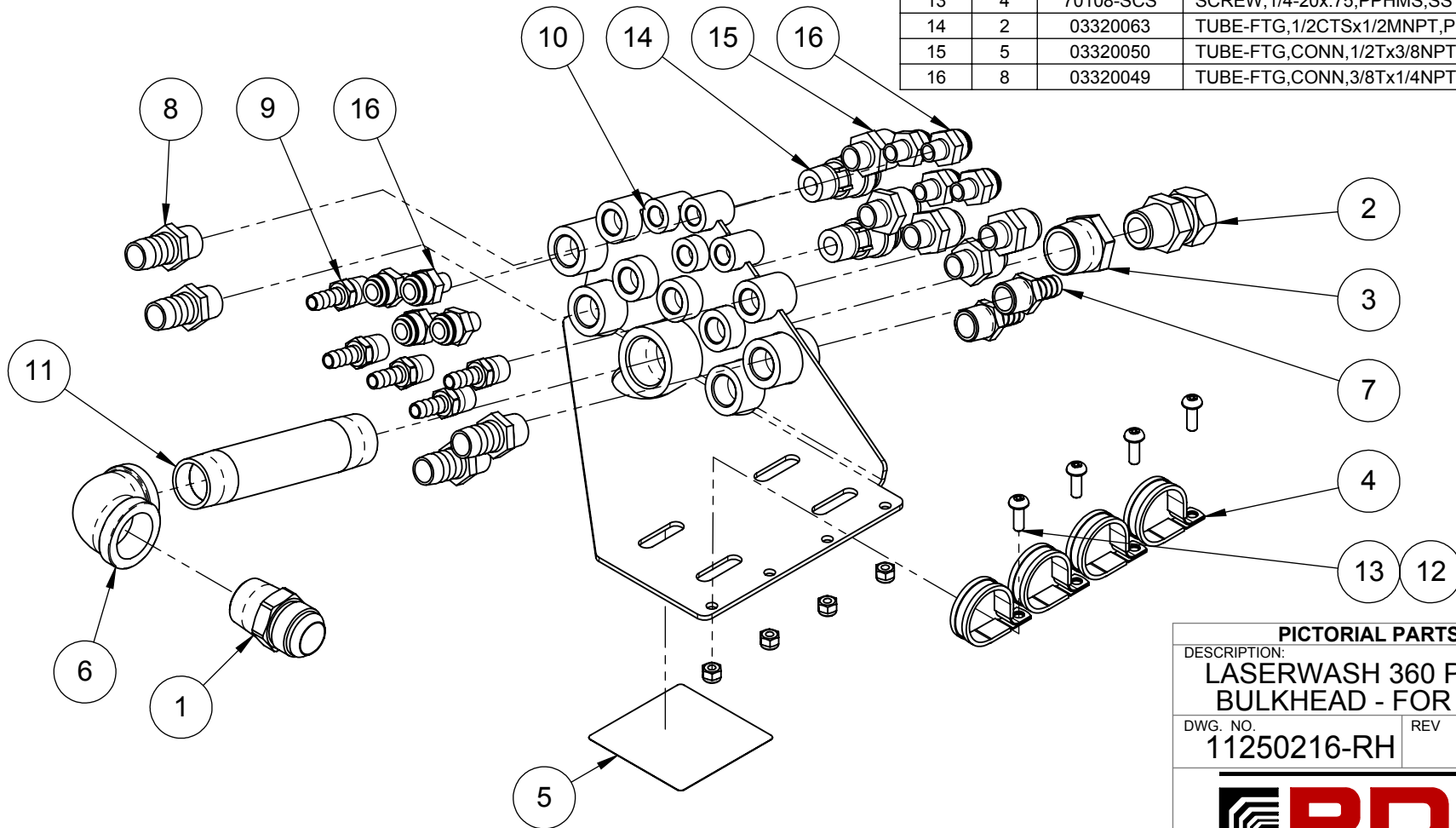


DETAIL A
SCALE 1 : 2



PICTORIAL PARTS CATALOG		
DESCRIPTION: BRIDGE ECHAIN SUPPORT ROLLER		
DWG. NO. 11150057	REV 00	SHEET 1 OF 1
 VEHICLE WASH SYSTEMS		
PART OF OPW		



ITEM	QTY.	PART #	DESCRIPTION
1	1	03140044	ADAPTER,#16-MJICx1MPT,Z-PLT
2	1	03140066	ADAPTER,3/4MNPTx#12FJIC,SWIVEL,Z-PLT
3	1	67714-S	BUSHING,1NPTx3/4NPT,SST
4	4	05050050	CLAMP,CUSHION,1-1/2",SST
5	1	02030718	DECAL,BULKHEAD,FLUID-CONNECTIONS,LW360P
6	1	67410-4S	ELBOW,1NPT,90DEG,SC40,SST,SP114
7	2	68117-MHB	HOSE-BARB,1/2Hx1/2MNPT,BRS
8	4	68122-MHB	HOSE-BARB,3/4Hx1/2MNPT,BRS
9	5	03310038	HOSE-BARB,3/8Hx3/8MNPT,SST
10	1	03220298-RH	MANIFOLD,BULKHEAD,ECHAIN,RIGHT,LW360PLUS
11	1	67015-J4S	NIPPLE,1NPTx6.00,SC40,SST
12	4	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
13	4	70108-SCS	SCREW,1/4-20x.75,PPHMS,SST
14	2	03320063	TUBE-FTG,1/2CTSx1/2MNPT,PLSTC
15	5	03320050	TUBE-FTG,CONN,1/2Tx3/8NPT,PUSH,PLSTC,PP
16	8	03320049	TUBE-FTG,CONN,3/8Tx1/4NPT,PUSH,PLSTC,PP




PICTORIAL PARTS CATALOG

DESCRIPTION:
**LASERWASH 360 PLUS ECHAIN
 BULKHEAD - FOR RIGHT SIDE**

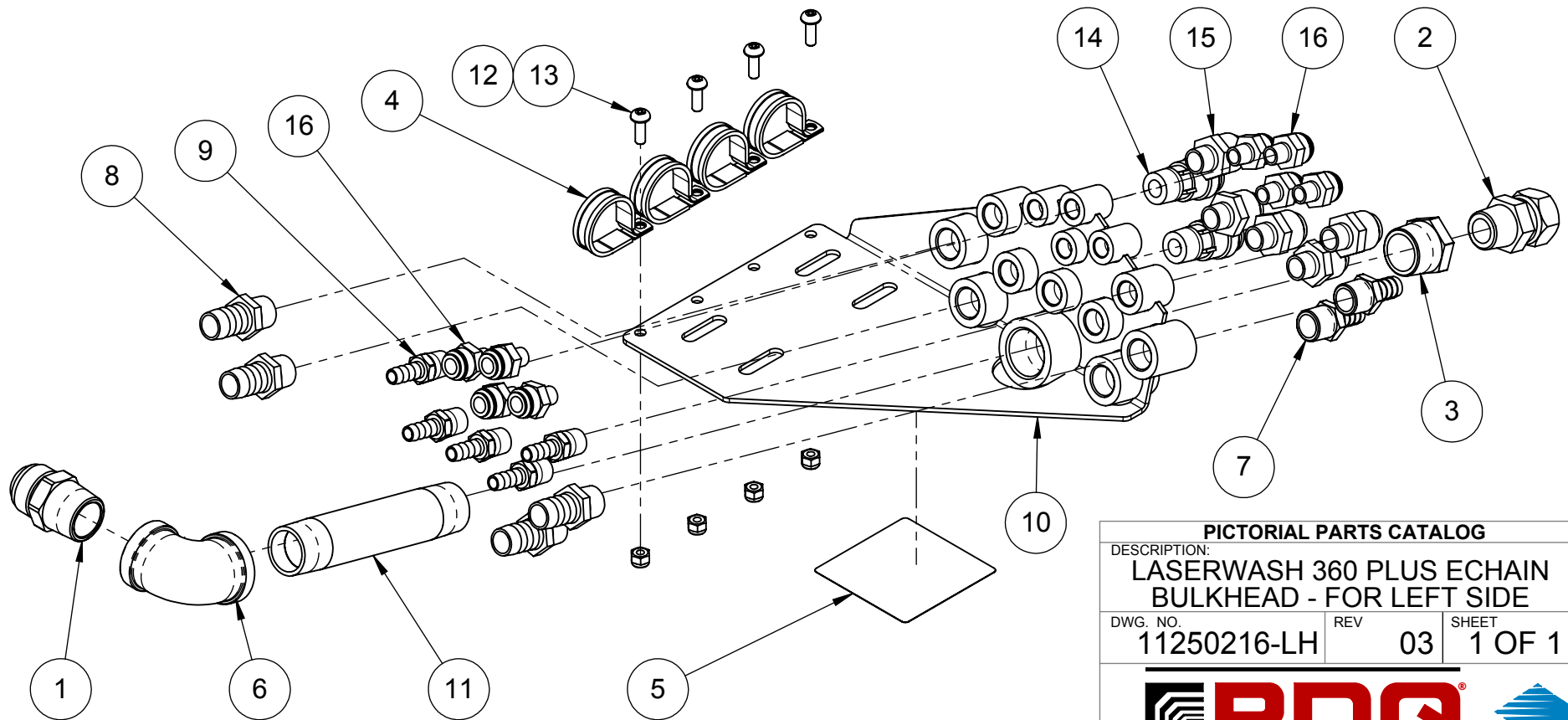
DWG. NO. 11250216-RH	REV 03	SHEET 1 OF 1
-------------------------	-----------	-----------------

VEHICLE WASH SYSTEMS

PART OF OPW 

ITEM	QTY.	PART #	DESCRIPTION
1	1	03140044	ADAPTER,#16-MJICx1MPT,Z-PLT
2	1	03140066	ADAPTER,3/4MNPTx#12FJIC,SWIVEL,Z-PLT
3	1	67714-S	BUSHING,1NPTx3/4NPT,SST
4	4	05050050	CLAMP,CUSHION,1-1/2",SST
5	1	02030718	DECAL,BULKHEAD,FLUID-CONNECTIONS,LW360P
6	1	67410-4S	ELBOW,1NPT,90DEG,SC40,SST,SP114
7	2	68117-MHB	HOSE-BARB,1/2Hx1/2MNPT,BRS
8	4	68122-MHB	HOSE-BARB,3/4Hx1/2MNPT,BRS
9	5	03310038	HOSE-BARB,3/8Hx3/8MNPT,SST
10	1	03220298-LH	MANIFOLD,BULKHEAD,ECHAIN,LEFT,LW360PLUS
11	1	67015-J4S	NIPPLE,1NPTx6.00,SC40,SST
12	4	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
13	4	70108-SCS	SCREW,1/4-20x.75,PPHMS,SST
14	2	03320063	TUBE-FTG,1/2CTSx1/2MNPT,PLSTC
15	5	03320050	TUBE-FTG,CONN,1/2Tx3/8NPT,PUSH,PLSTC,PP
16	8	03320049	TUBE-FTG,CONN,3/8Tx1/4NPT,PUSH,PLSTC,PP



PICTORIAL PARTS CATALOG

DESCRIPTION:
**LASERWASH 360 PLUS ECHAIN
 BULKHEAD - FOR LEFT SIDE**

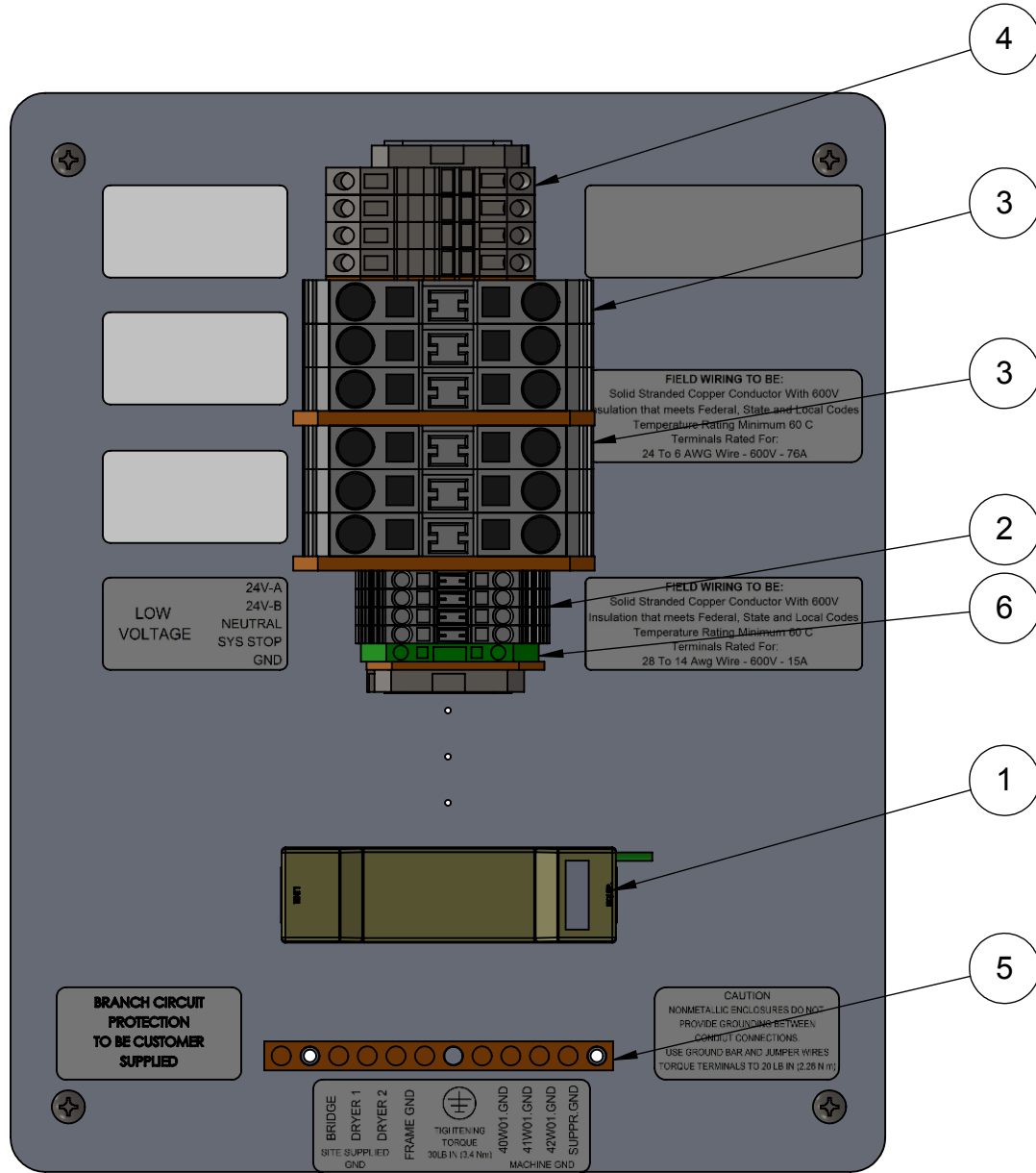
DWG. NO. 11250216-LH	REV 03	SHEET 1 OF 1
--------------------------------	------------------	------------------------




VEHICLE WASH SYSTEMS

PART OF OPW  COMPANY

ITEM	PART #	DESCRIPTION
1	04410016	FILTER,SURGE,ETHERNET,RJ45,W/CABLE+TAPE
2	36506	TERMINAL-BLK,26-12GA,2P,PLST,280-601
3	36508	TERMINAL-BLK,FRONT,2P,24-6GA,283-601
4	04100069	TERMINAL-BLOCK,2P,41A,800V,AWG-20-8
5	04100046	TERMINAL-BLOCK,GND-BAR,9P,8-14AWG,225A
6	36517	TERMINAL BLK GND 2P FR 26-14 GA 280-607



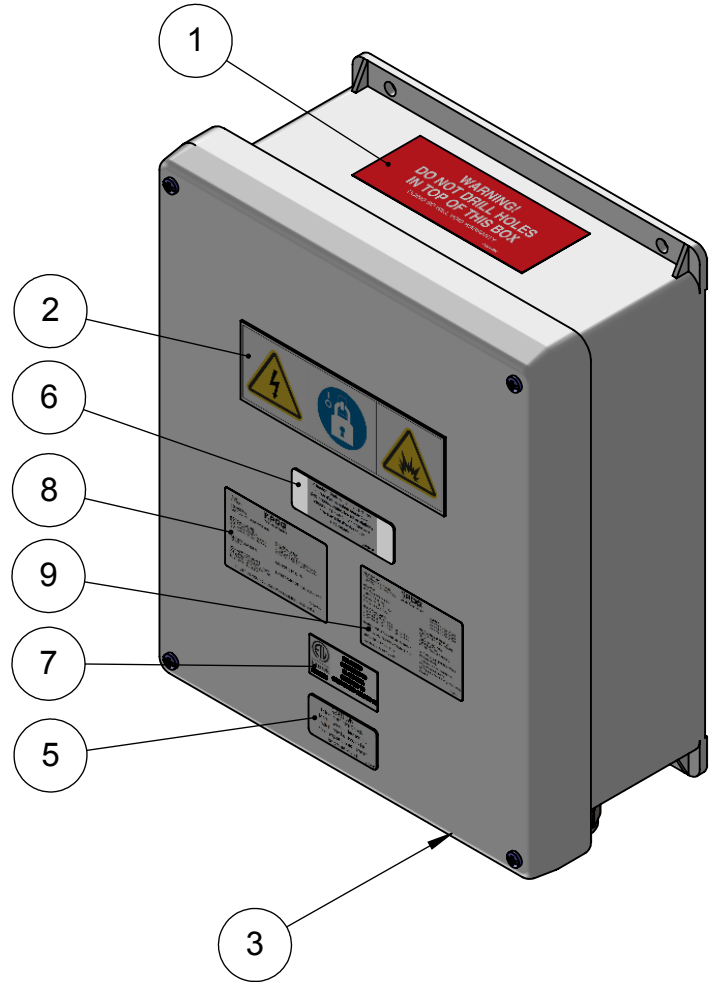
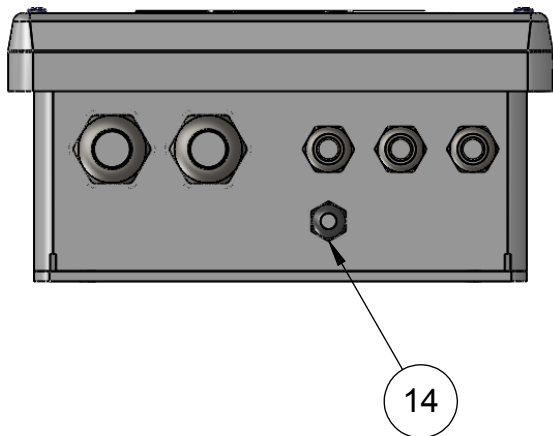
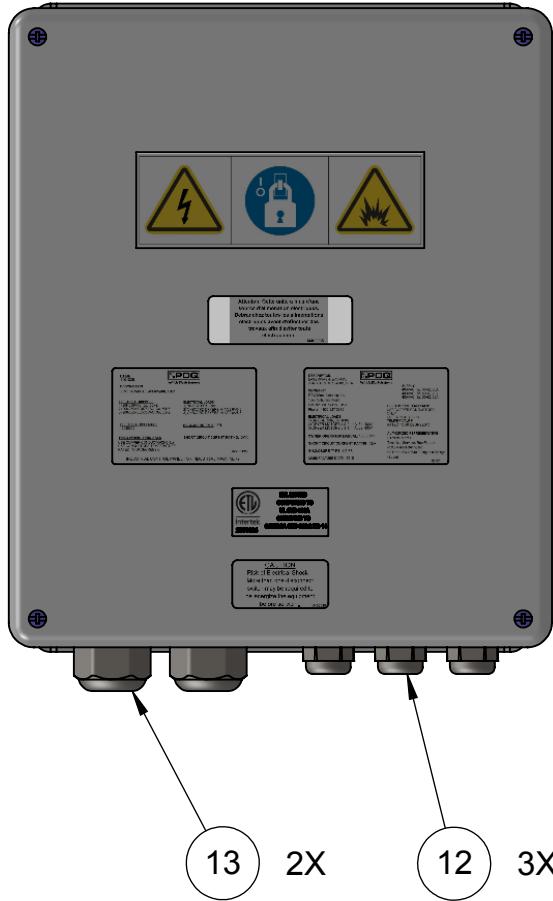
PICTORIAL PARTS CATALOG

DESCRIPTION:
**E-CHAIN JUNCTION BOX 50/60 HZ
 BACKPANEL AND TERMINALS**

DWG. NO.	REV	SHEET
11010281	02	1 OF 2



ITEM	PART #	DESCRIPTION
1	84048	DECAL,"DO NOT DRILL HOLES",2x5
2	02030555	DECAL,LOCK-OUT,ARC-FLASH,HIGH-VOLTS,2x6
3	04090110	ENCLOSURE,12x10",FIBERGLASS
4	04410016	FILTER,SURGE,ETHERNET,RJ45,W/CABLE+TAPE
5	M402030	LABEL PRINTED "CAUTION THIS UNIT HAS..."
6	M402035	LABEL PRINTED FRENCH "WARNING THIS"
7	02240012	LABEL,ETL,UL508A,CSA22.2NO14-95
8	02230135	LABEL-ID,E-CHAIN,JUNCTION,BOX,60HZ,LW
9	02230071	LABEL-ID,E-CHAIN.JUNCTION,BOX,50HZ,LW
10	06240858	PLATE,ELECT,BACK,E-CHAIN,JUNCTION,BOX
11	05040278	SCREW,#10-32x5/16",PRHMS,SST
12	04450016	STRAIN-RELIEF,M20,.276-.512",PLSTC
13	04450011	STRAIN-RELIEF,M32,.433-.827",PLSTC



NOTES

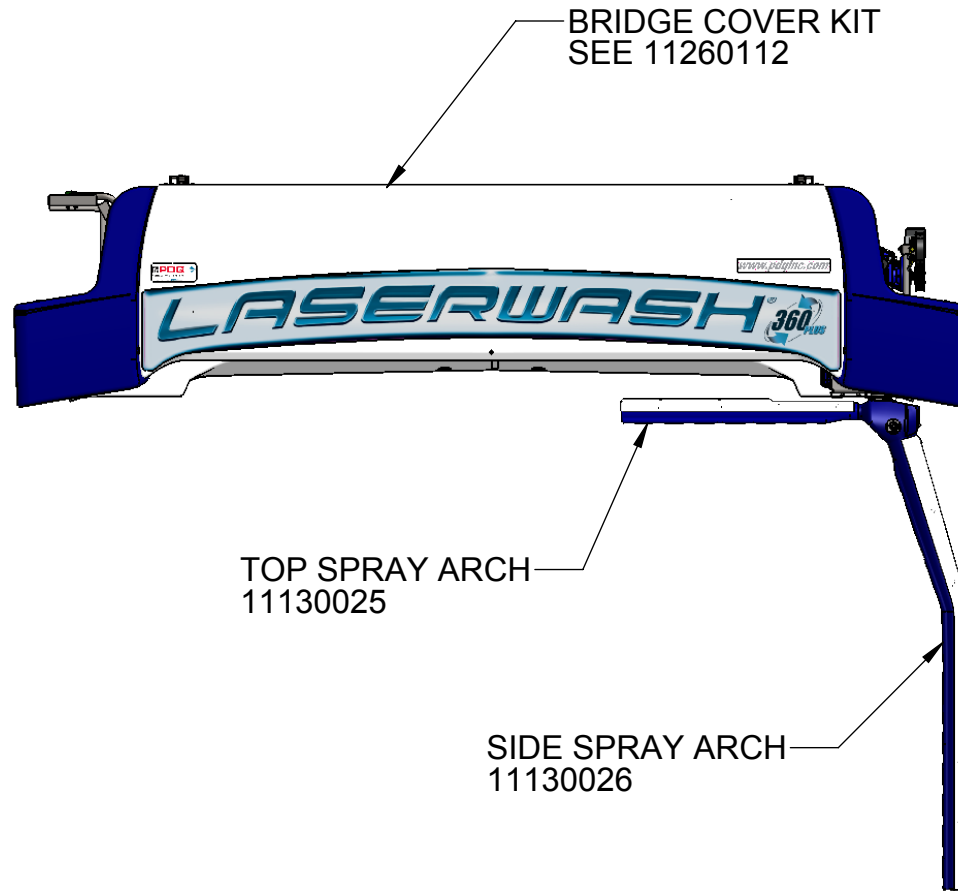
1. STRAIN RELIEF FITTINGS ARE FIELD INSTALLED AND POSITION MIGHT BE DIFFERENT THAN AS SHOWN.

PICTORIAL PARTS CATALOG		
DESCRIPTION: E-CHAIN JUNCTION BOX 50/60 HZ ENCLOSURE AND STRAIN RELIEFS		
DWG. NO.	REV	SHEET
11010281	02	2 OF 2








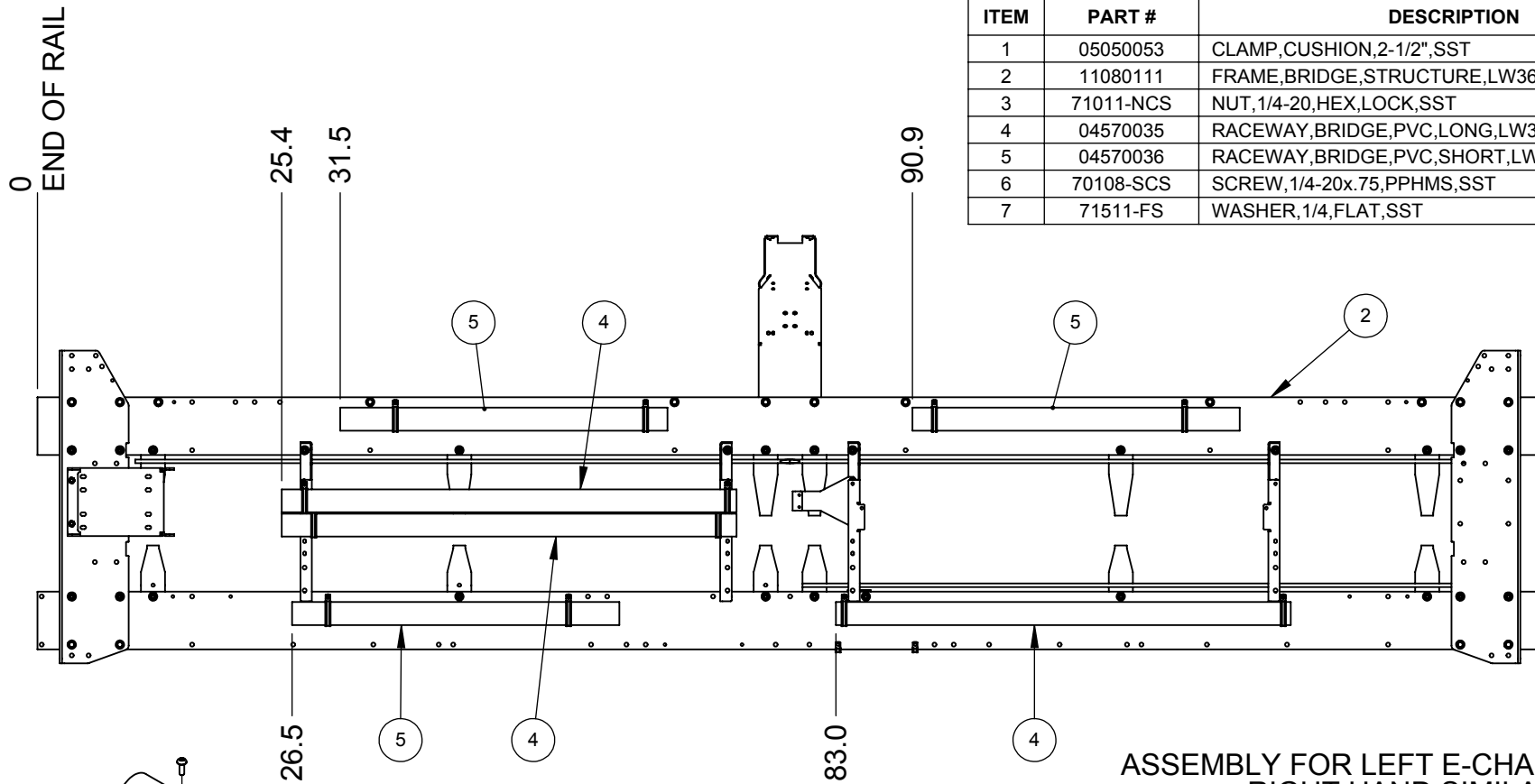
Bridge



BRIDGE PART NUMBER	DESCRIPTION	SITE VOLTAGE USAGE
09140032	BRIDGE,LASERWASH-360PLUS,208/230V,60HZ	208/230V 60 HZ 220V 50 HZ 460V 60 HZ 575V 60 HZ
09140033	BRIDGE,LASERWASH-360PLUS,400V,50/60HZ ₃₉	400V 50 HZ 400V 60 HZ

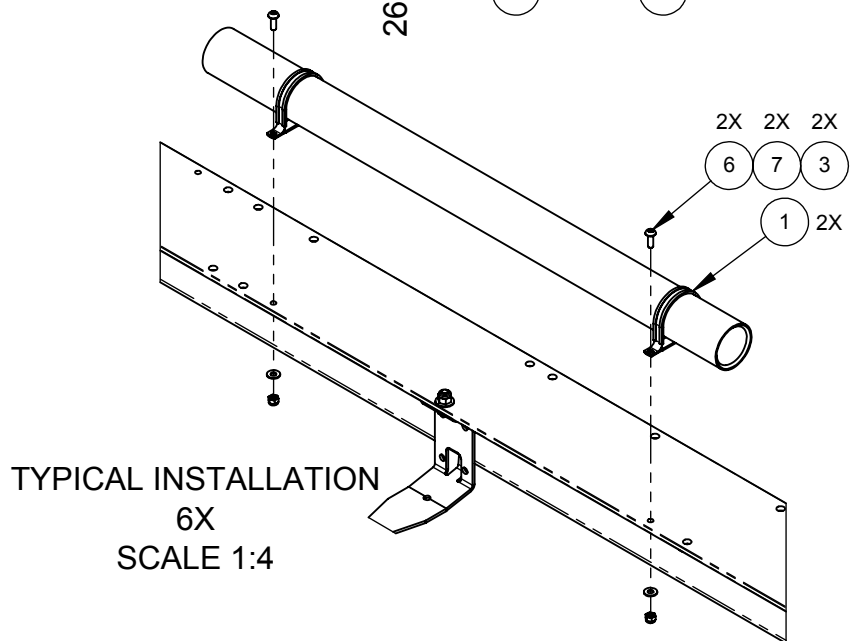
PICTORIAL PARTS CATALOG		
DESCRIPTION: LASERWASH 360 PLUS BRIDGE		
DWG. NO. 09140031	REV 00	SHEET 1 OF 8
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW</small> 		

ITEM	PART #	DESCRIPTION
1	05050053	CLAMP,CUSHION,2-1/2",SST
2	11080111	FRAME,BRIDGE,STRUCTURE,LW360PLUS
3	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
4	04570035	RACEWAY,BRIDGE,PVC,LONG,LW360PLUS
5	04570036	RACEWAY,BRIDGE,PVC,SHORT,LW360PLUS
6	70108-SCS	SCREW,1/4-20x.75,PPHMS,SST
7	71511-FS	WASHER,1/4,FLAT,SST



ASSEMBLY FOR LEFT E-CHAIN SHOWN
RIGHT HAND SIMILAR

**BRIDGE FRAME
CABLE AND FLUID LINE
ROUTING CONDUITS**



TYPICAL INSTALLATION
6X
SCALE 1:4

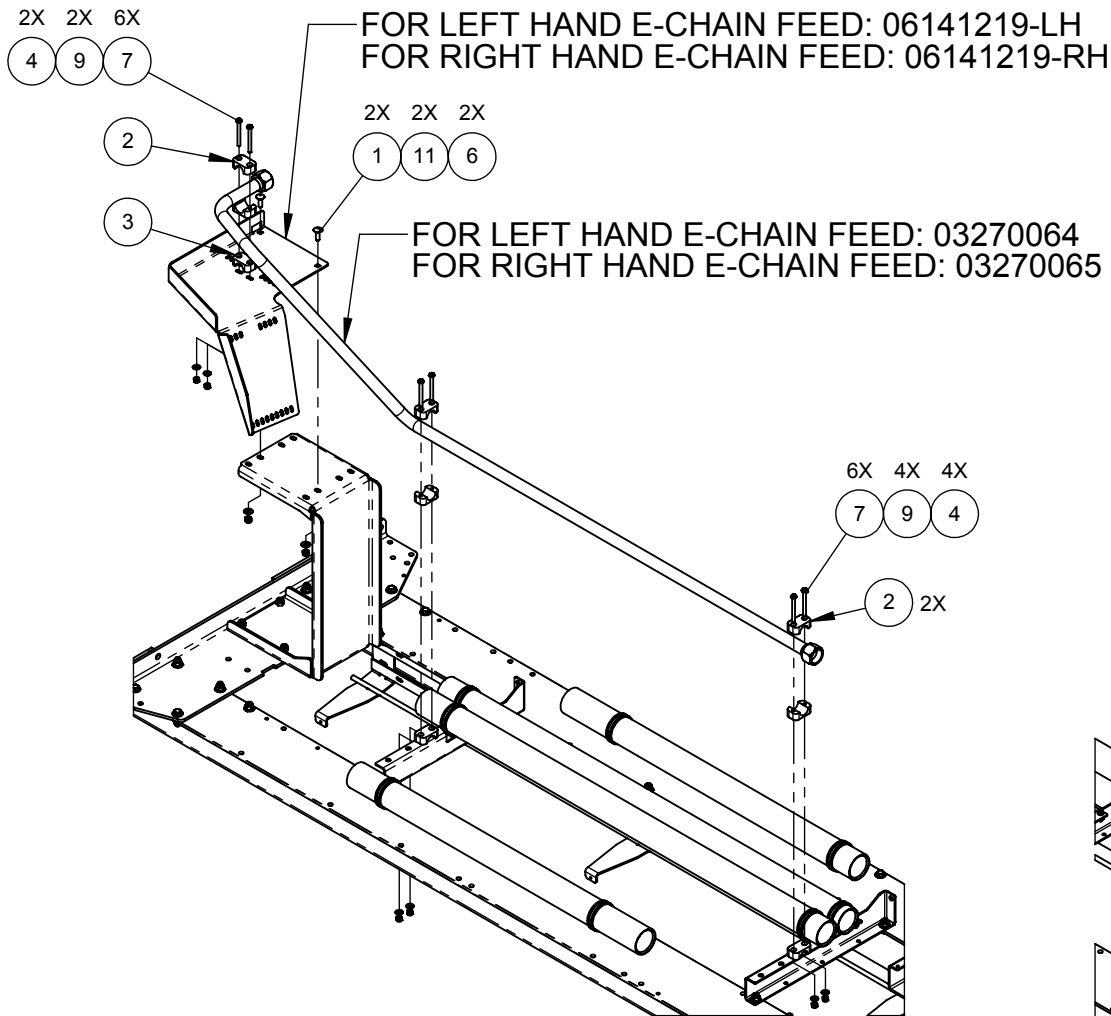
PICTORIAL PARTS CATALOG

DESCRIPTION:
LASERWASH 360 PLUS BRIDGE

DWG. NO.	REV	SHEET
09140031	00	2 OF 8

PDQ
VEHICLE WASH SYSTEMS

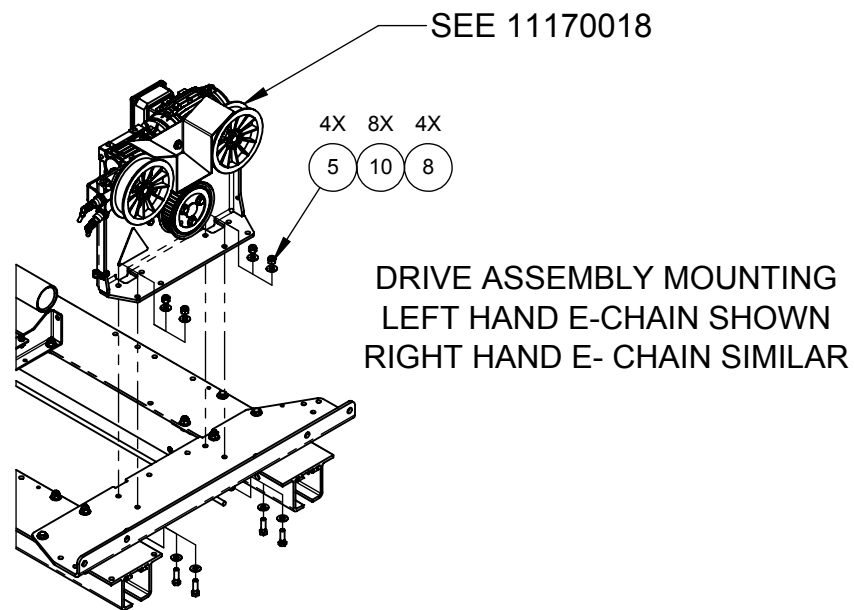
PART OF OPW **DOVER** COMPANY



HIGH PRESSURE TUBE AND UTILITY BRACKET MOUNTING
LEFT HAND E-CHAIN SHOWN
RIGHT HAND E-CHAIN SIMILAR

BRIDGE DRIVE MOUNTING
BRIDGE UTILITY FEED

ITEM	PART #	DESCRIPTION
1	05040262	BOLT,5/16-18x1.00,CARRIAGE,SST
2	75016	CLAMP,TUBE,1",PP,STANDARD
3	75016	CLAMP,TUBE,1",PP,STANDARD-HALF
4	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
5	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
6	71012-NCS	NUT,5/16-18,HEX,LOCK,SST
7	70116-SCS	SCREW,1/4-20x2.50,PPHMS,SST
8	70181-HCS	SCREW,3/8-16x1.25,HHCS,SST
9	71511-FS	WASHER,1/4,FLAT,SST
10	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST
11	71512-FS	WASHER,5/16,FLAT,SST



PICTORIAL PARTS CATALOG

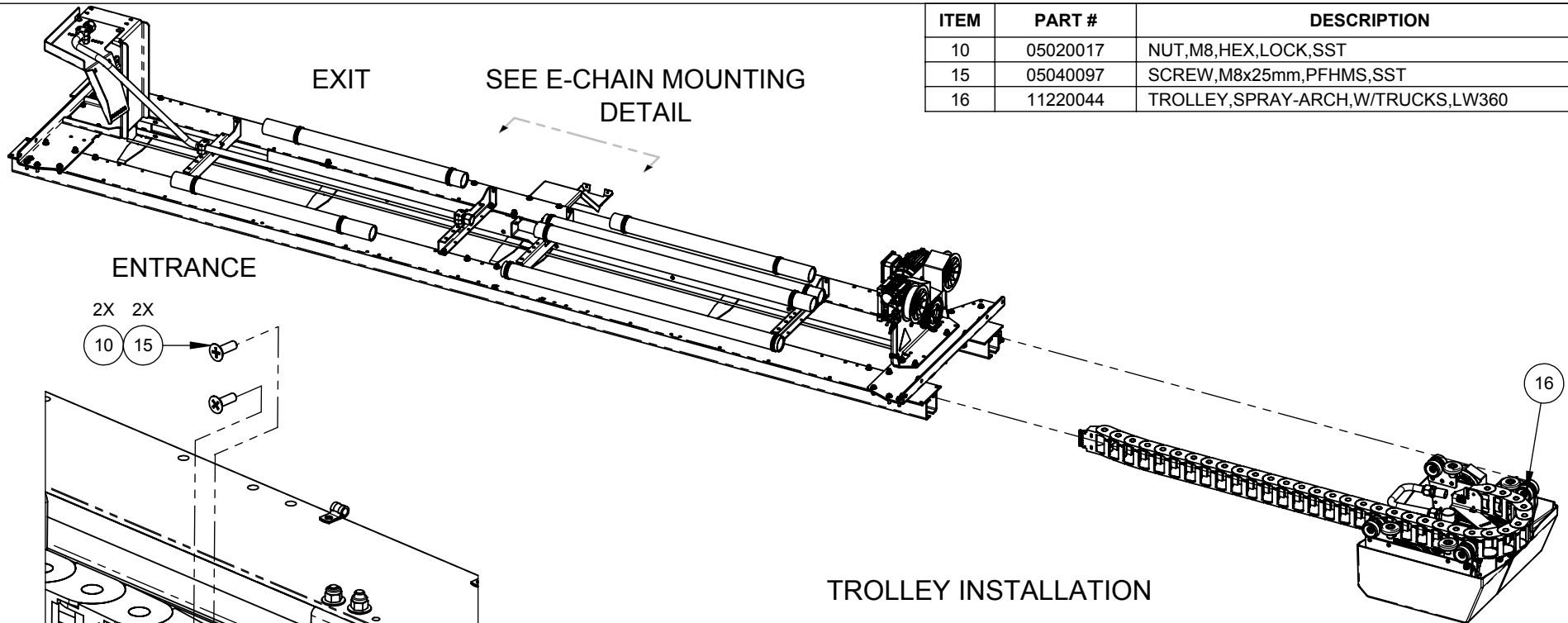
DESCRIPTION:
LASERWASH 360 PLUS BRIDGE

DWG. NO.	REV	SHEET
09140031	00	3 OF 8

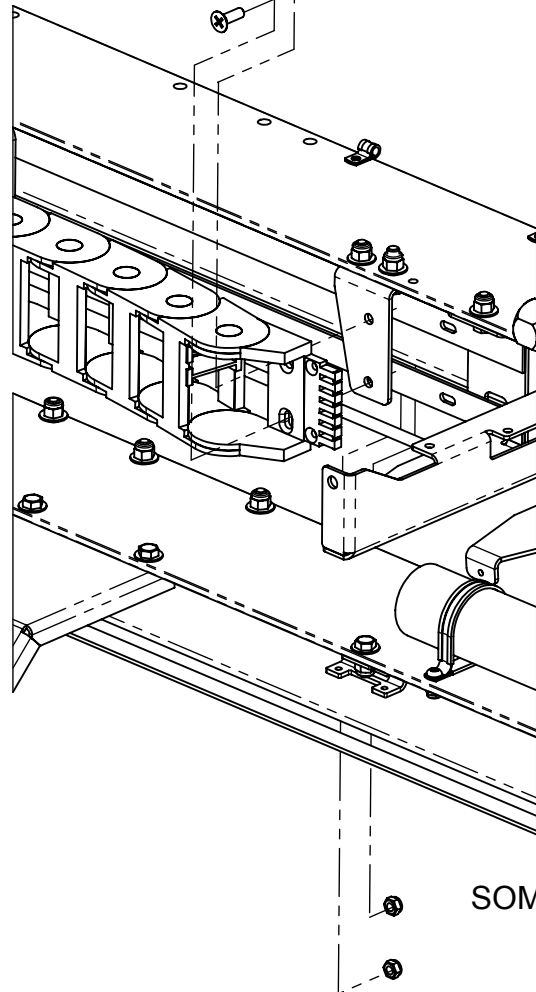
PDQ
VEHICLE WASH SYSTEMS

PART OF OPW **ADOVER** COMPANY

ITEM	PART #	DESCRIPTION
10	05020017	NUT,M8,HEX,LOCK,SST
15	05040097	SCREW,M8x25mm,PFHMS,SST
16	11220044	TROLLEY,SPRAY-ARCH,W/TRUCKS,LW360

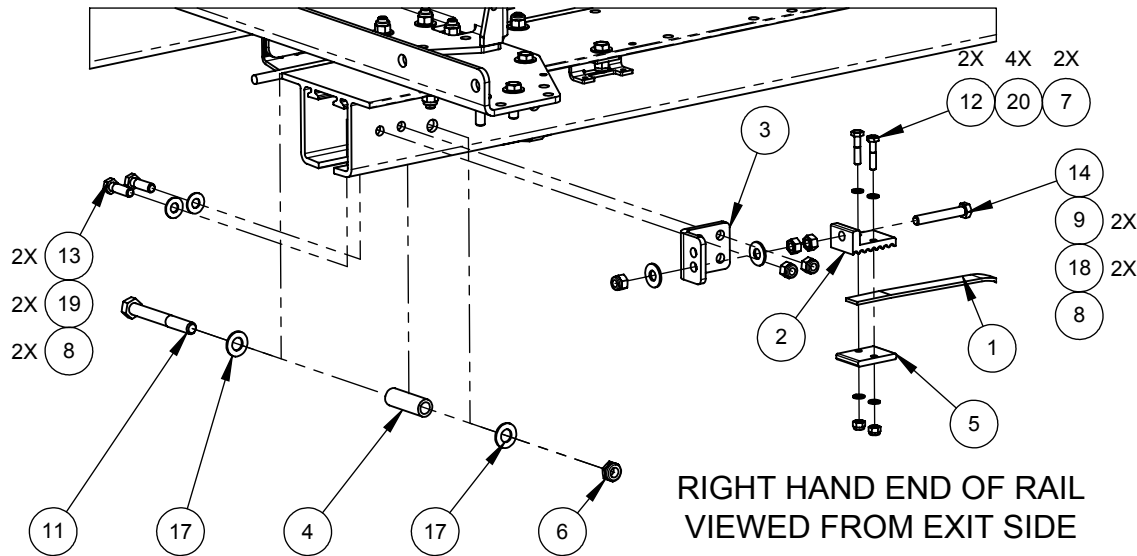


TROLLEY INSTALLATION
E-CHAIN MOUNTING

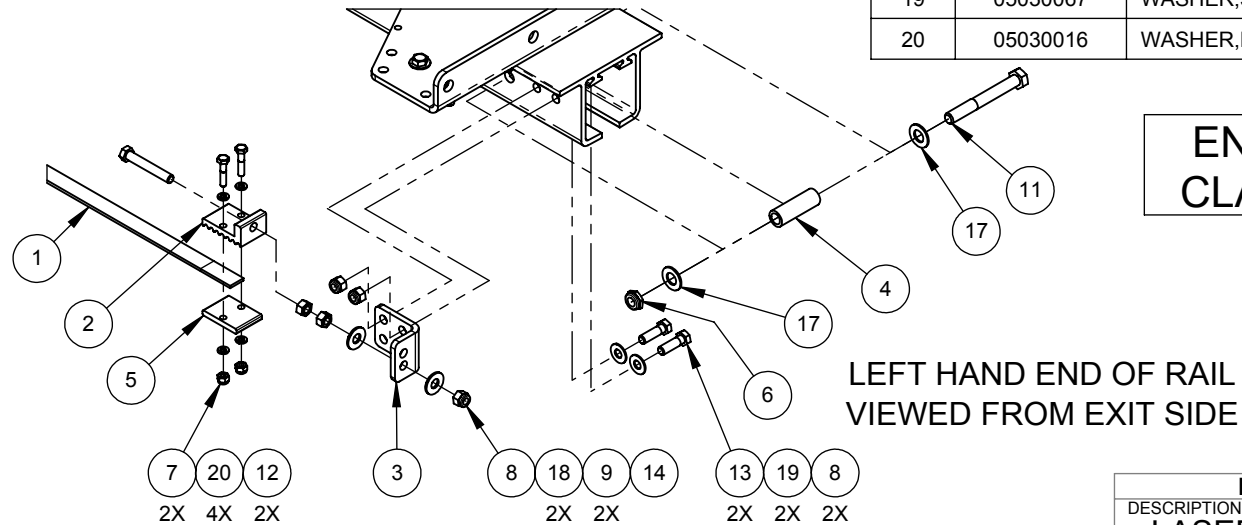


E-CHAIN MOUNTING DETAIL
SOME PARTS NOT SHOWN FOR CLARITY

PICTORIAL PARTS CATALOG		
DESCRIPTION: LASERWASH 360 PLUS BRIDGE		
DWG. NO. 09140031	REV 00	SHEET 4 OF 8
VEHICLE WASH SYSTEMS		PART OF OPW



ITEM	PART #	DESCRIPTION
1	020026	BELT,HTD-8M,20x4712mm,TROLLEY-DRIVE
2	06340042	BLOCK,BELT-RETAINER,8mmPITCH,20mmWIDE
3	06141302	BRACKET,BELT-TENSION,TROLLEY,SST,LW360P
4	06060024	BUMPER,END-STOP,RUBBER,1/2"ID
5	06160473	COVER,BELT,RETAINER,MAX20mmWIDTH
6	05020076	NUT,1/2-13,HEX,LOCK,JAM,SST
7	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
8	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
9	71013-HCS	NUT,3/8-16,HEX,SST
11	70267-HCS	SCREW,1/2-13x4.00,HHCS,SST
12	70111-HCS	SCREW,1/4-20x1.25,HHCS,SST
13	70181-HCS	SCREW,3/8-16x1.25,HHCS,SST
14	05040273	SCREW,3/8-16x2.50,HHCS,FULL-THD,SST
17	71515-FS	WASHER,1/2,FLAT,SST,MIL-SPEC
18	71513-FS	WASHER,3/8,FLAT,1-OD,.083THK,SST
19	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST
20	05030016	WASHER,M6,FLAT,SST



END STOP AND BELT CLAMP INSTALLATION

- A. BELT INSTALLATION.
- i. POSITION TROLLEY AT END OF BRIDGE OPPOSITE ELECTRICAL PANEL WITH EDGE OF TROLLEY FRAME 12" FROM END OF BRIDGE RAIL.
 - ii. ROUTE BELT AROUND IDLERS AND DRIVE PULLEY AS SHOWN.
 - iii. CLAMP EACH END OF BELT WITH MINIMUM FIVE TEETH HELD IN CLAMP.
 - iv. ATTACH SPRING SCALE TO TROLLEY BELT IN THE APPROXIMATE MIDDLE OF THE BRIDGE (IN-LINE WITH CENTER-MID FLAG)
 - v. PULL SPRING SCALE SO BELT IS 4.5" FROM THE UNDERSIDE OF THE FLANGE OF THE BRIDGE RAIL (EVEN WITH BOTTOM EDGE OF E-CHAIN)
 - vi. TENSION BELT USING SCREW 05040273 UNTIL SPRING SCALE FORCE IS 8LBS-9LBS.
 - vii. CUT OFF EXCESS BELT LENGTH AFTER TENSIONING.

PICTORIAL PARTS CATALOG

DESCRIPTION:
LASERWASH 360 PLUS BRIDGE

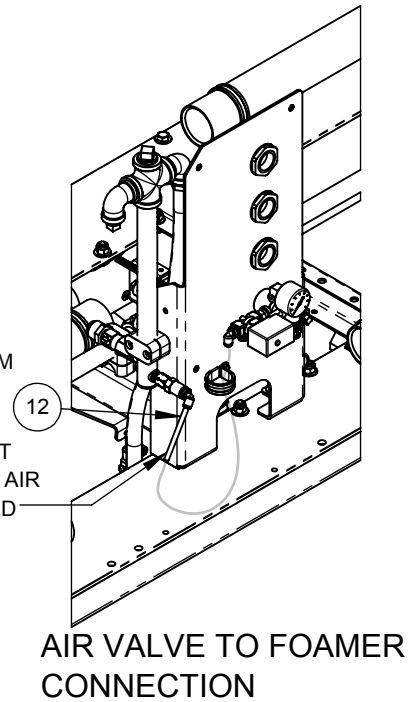
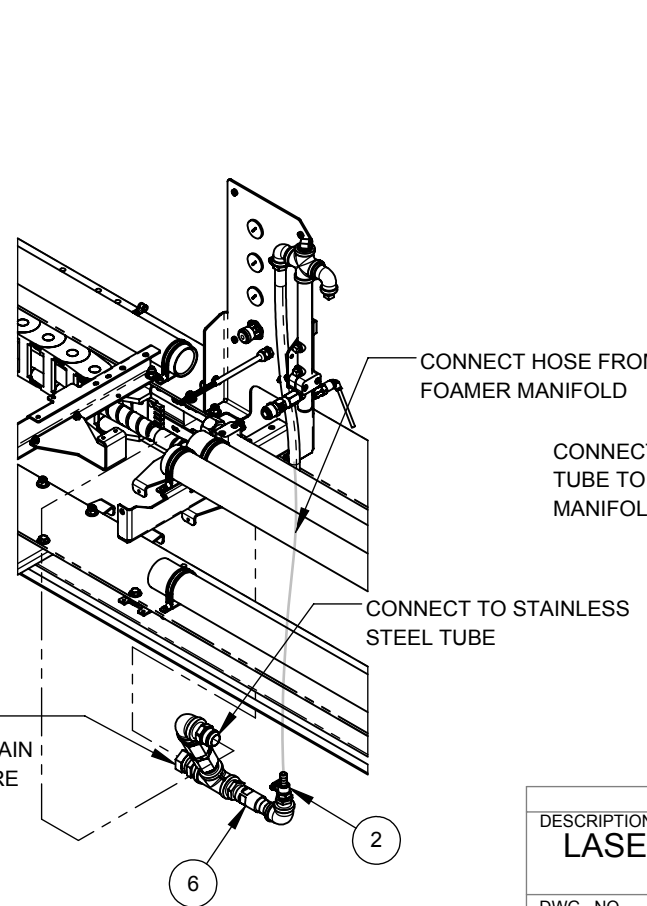
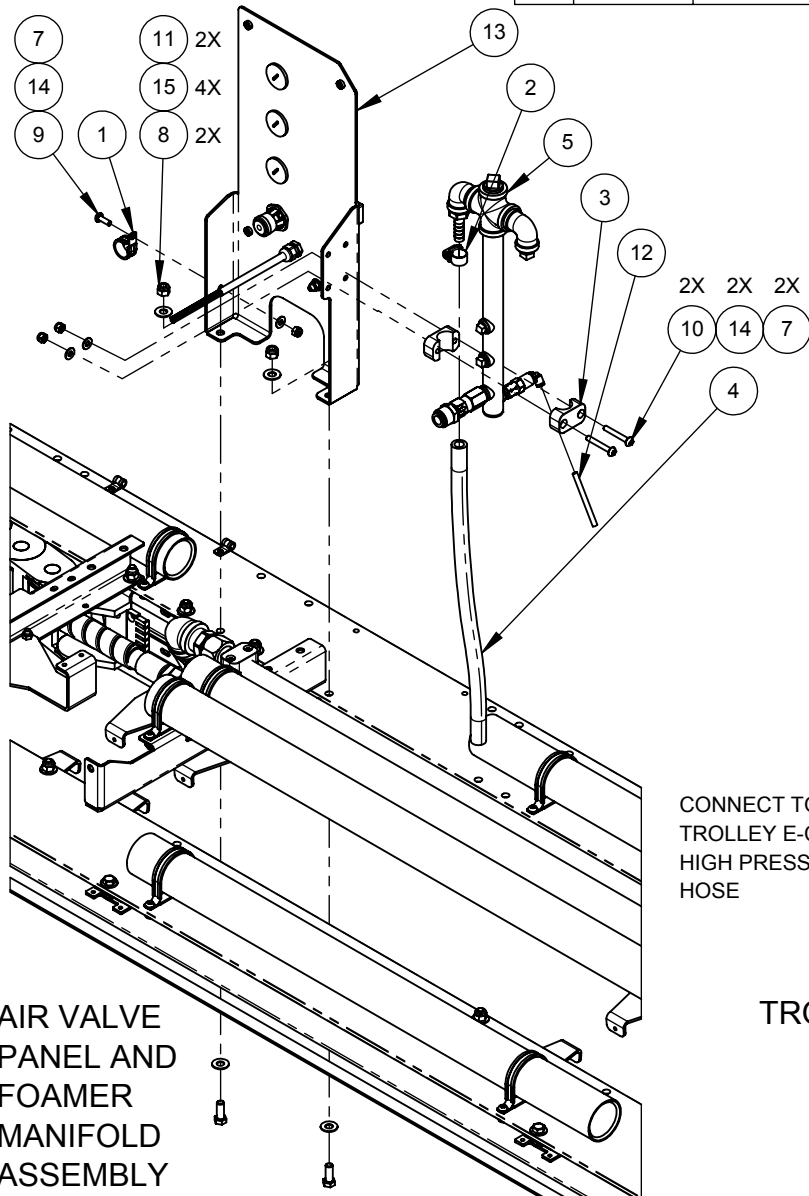
DWG. NO. 09140031	REV 00	SHEET 5 OF 8
-----------------------------	------------------	------------------------

VEHICLE WASH SYSTEMS

PART OF OPW COMPANY

ITEM	PART #	DESCRIPTION
1	05050024	CLAMP,CUSHION,1",SST
2	75101	CLAMP,HOSE,#6,.38-.50H,SST
3	75016	CLAMP,TUBE,1",PP,STANDARD
4	61025	HOSE,.50,200PSI,BLACK,SYN-RBR,SYN-YRN
5	11250285	MANIFOLD,FOAMER,LP,BRIDGE,LW360PLUS
6	11250272	MANIFOLD,TROLLEY-FEED,TEE,LH,LW360P
7	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
8	71013-NCS	NUT,3/8-16,HEX,LOCK,SST

ITEM	PART #	DESCRIPTION
9	70108-SCS	SCREW,1/4-20x.75,PPHMS,SST
10	70113-SCS	SCREW,1/4-20x1.75,PPHMS,SST
11	70180-HCS	SCREW,3/8-16x1.00,HHCS,SST
12	01120018	TUBING,1/4ODx.04W,230psi@70F,LLDPE,BLACK
13	11030137	VALVE,AIR,FOAM-PANEL,BASE,LW360P
14	71511-FS	WASHER,1/4,FLAT,SST
15	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST



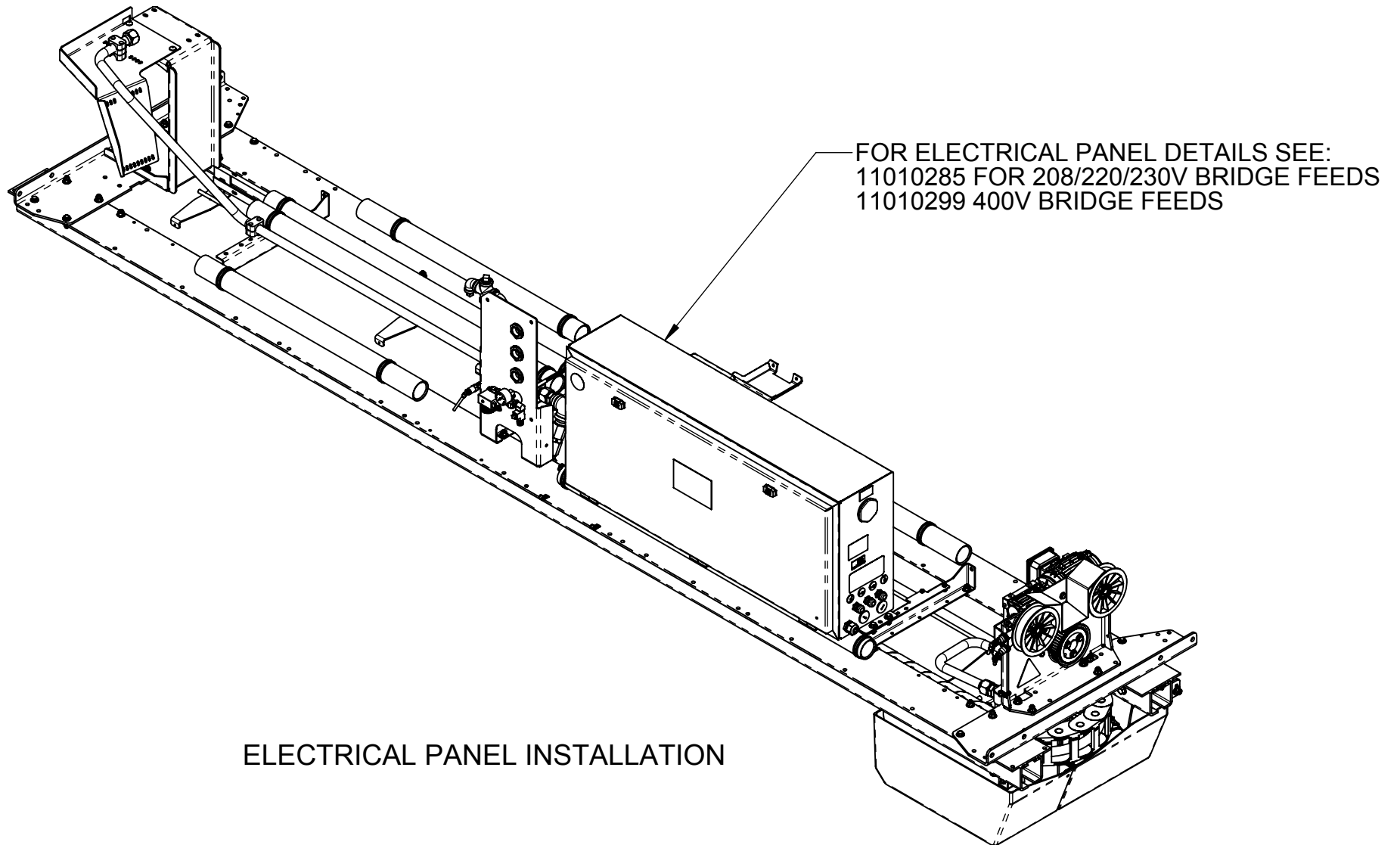
PICTORIAL PARTS CATALOG

DESCRIPTION:
LASERWASH 360 PLUS BRIDGE

DWG. NO.	REV	SHEET
09140031	00	6 OF 8

PDQ
VEHICLE WASH SYSTEMS

PART OF OPW **ADOVER** COMPANY



ELECTRICAL PANEL INSTALLATION


PICTORIAL PARTS CATALOG

DESCRIPTION:
LASERWASH 360 PLUS BRIDGE

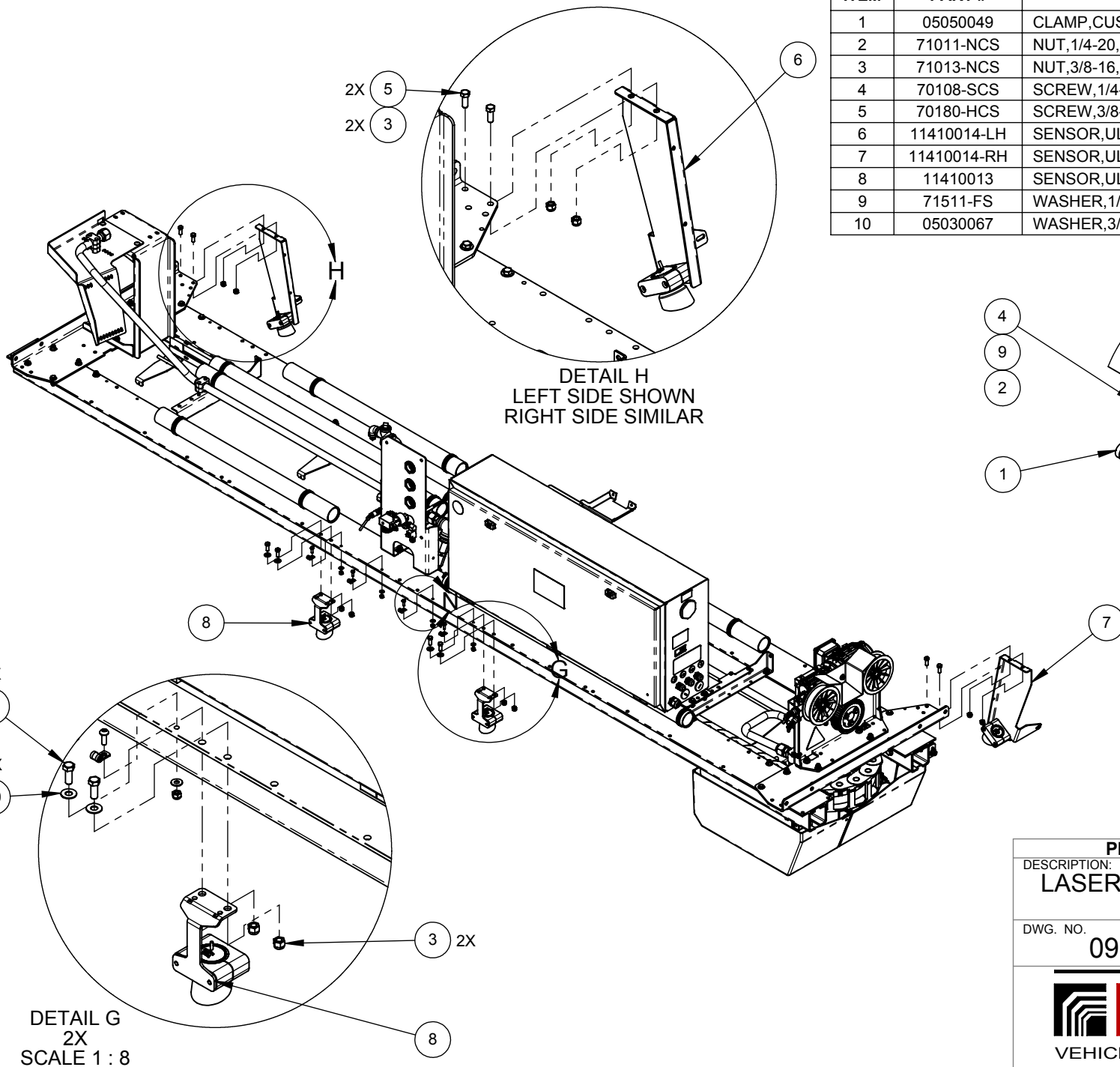
DWG. NO.	REV	SHEET
09140031	00	7 OF 8



VEHICLE WASH SYSTEMS

PART OF OPW 

ITEM	PART #	DESCRIPTION
1	05050049	CLAMP,CUSHION,3/8",SST
2	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
3	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
4	70108-SCS	SCREW,1/4-20x.75,PPHMS,SST
5	70180-HCS	SCREW,3/8-16x1.00,HHCS,SST
6	11410014-LH	SENSOR,ULTRA-SONIC,BACKUP,LEFT,LW360P
7	11410014-RH	SENSOR,ULTRA-SONIC,BACKUP,RIGHT,LW360P
8	11410013	SENSOR,ULTRA-SONIC,STOP-POS,LW360PLUS
9	71511-FS	WASHER,1/4,FLAT,SST
10	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST



DETAIL H
LEFT SIDE SHOWN
RIGHT SIDE SIMILAR

DETAIL N
4X
SCALE 1 : 4



DETAIL G
2X
SCALE 1 : 8

**ULTRASONIC
SENSORS**


PICTORIAL PARTS CATALOG

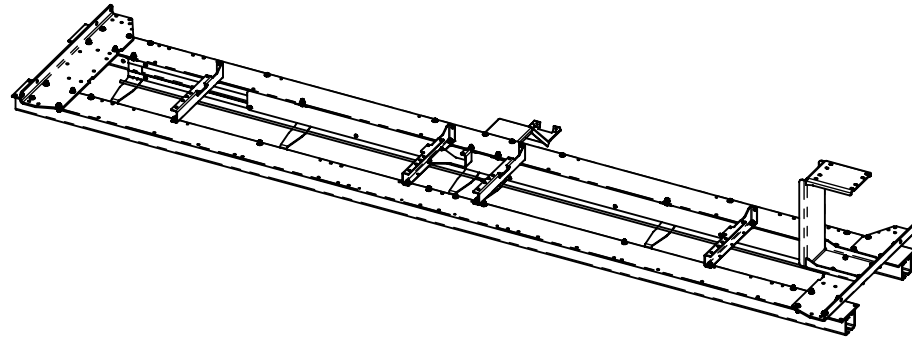
DESCRIPTION:
LASERWASH 360 PLUS BRIDGE

DWG. NO.	REV	SHEET
09140031	00	8 OF 8

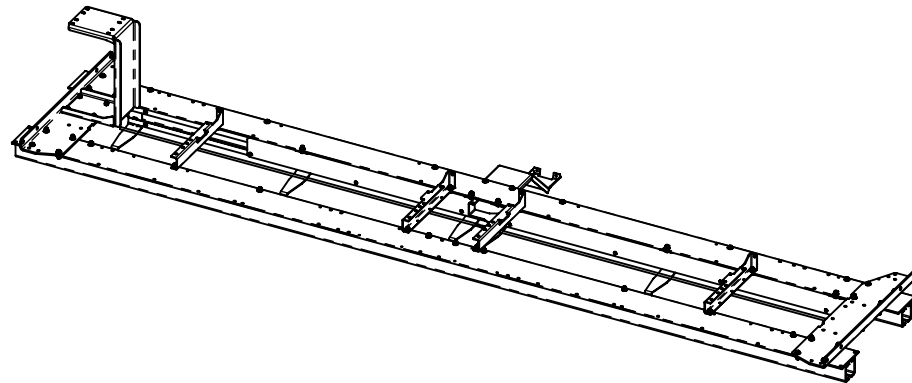



VEHICLE WASH SYSTEMS

PART OF OPW  COMPANY





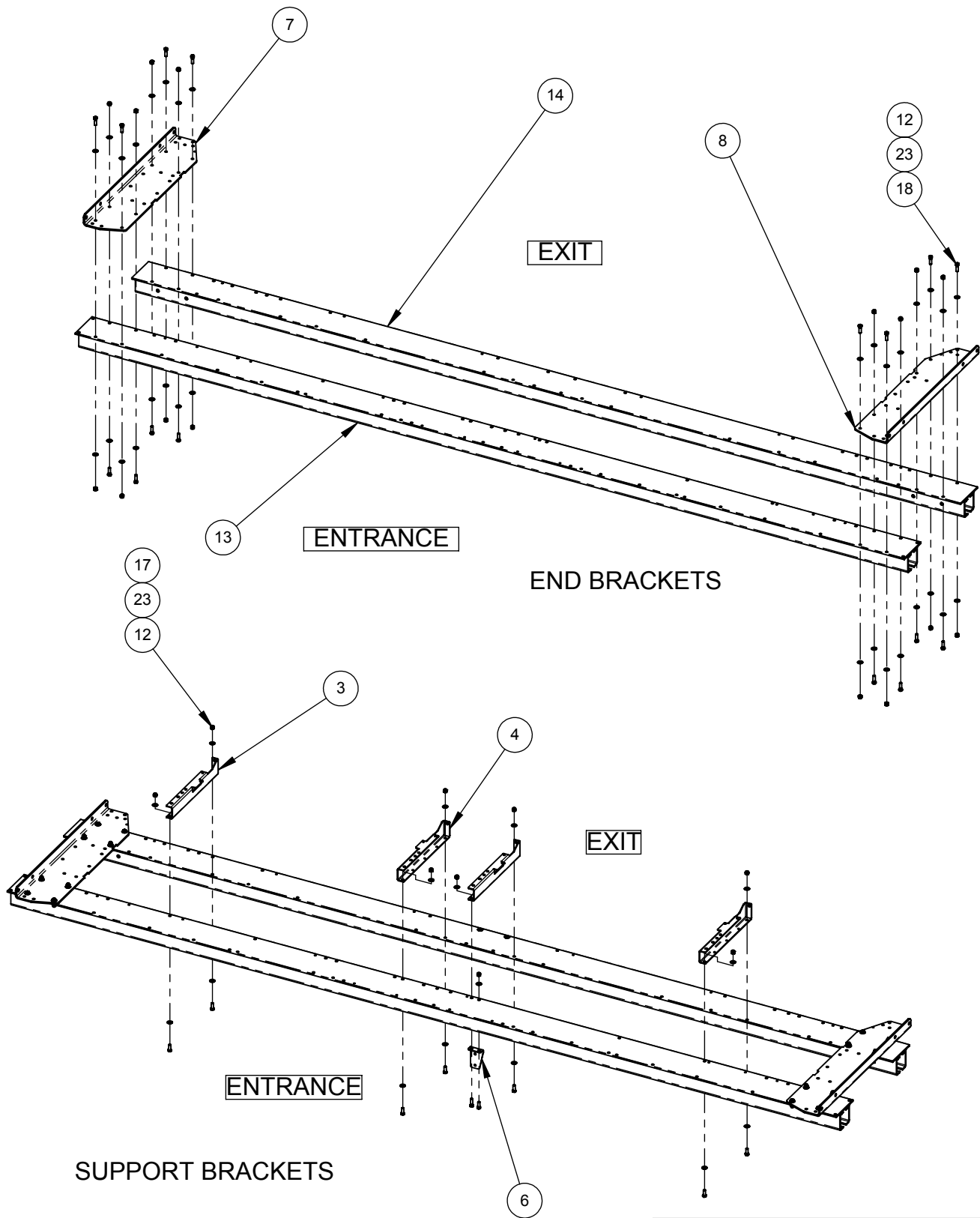
RIGHT HAND E-CHAIN FEED SHOWN



LEFT HAND E-CHAIN FEED SHOWN

ITEM	PART #	DESCRIPTION
1	06141285	BRACKET,CENTER,EXIT-COVER,SST,LW360PLUS
2	06141316	BRACKET,COVER,BOTTOM-MNT,EXIT,LW360
3	06141279-LH	BRACKET,CROSS-BRACE,BOX-MT,LH,SST,LW360P
4	06141279-RH	BRACKET,CROSS-BRACE,BOX-MT,RH,SST,LW360P
5	06141217	BRACKET,E-CHAIN-MOUNT,BRIDGE,LW360PLUS
6	06141301	BRACKET,ECHAIN,FIX-END,TROLLEY,LW360P
7	06141287-LH	BRACKET,END-PLATE,BRIDGE,LH,SST,LW360P
8	06141287-RH	BRACKET,END-PLATE,BRIDGE,RH,SST,LW360P
9	06141341	BRACKET,FLUID-SUP,3X-SS-FP,BRIDGE,LW360P
10	06141322	BRACKET,TRAY,ECHAIN,TROLLEY,EXIT,LW360P
11	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
12	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
13	06230155	RAIL,FRAME,BRIDGE,ENTRANCE,AL,LW360PLUS
14	06230156	RAIL,FRAME,BRIDGE,EXIT,AL,LW360PLUS
15	70108-CCS	SCREW,1/4-20x.75,FHSCS,SST
16	70108-HCS	SCREW,1/4-20x.75,HHCS,SST
17	70180-HCS	SCREW,3/8-16x1.00,HHCS,SST
18	70181-HCS	SCREW,3/8-16x1.25,HHCS,SST
19	06240886	TRAY,E-CHAIN,TROLLEY,ENTR,SST,LW360PLUS
20	06240895	TRAY,E-CHAIN,TROLLEY,EXIT,LH,SST,LW360P
21	06240887	TRAY,E-CHAIN,TROLLEY,EXIT,SST,LW360PLUS
22	71511-FS	WASHER,1/4,FLAT,SST
23	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST
24	06010068	WEAR-STRIP,UHMW,TRLY,SIDE,ENT,LW360P
25	06010067	WEAR-STRIP,UHMW,TRLY,SIDE,EXIT,LW360P

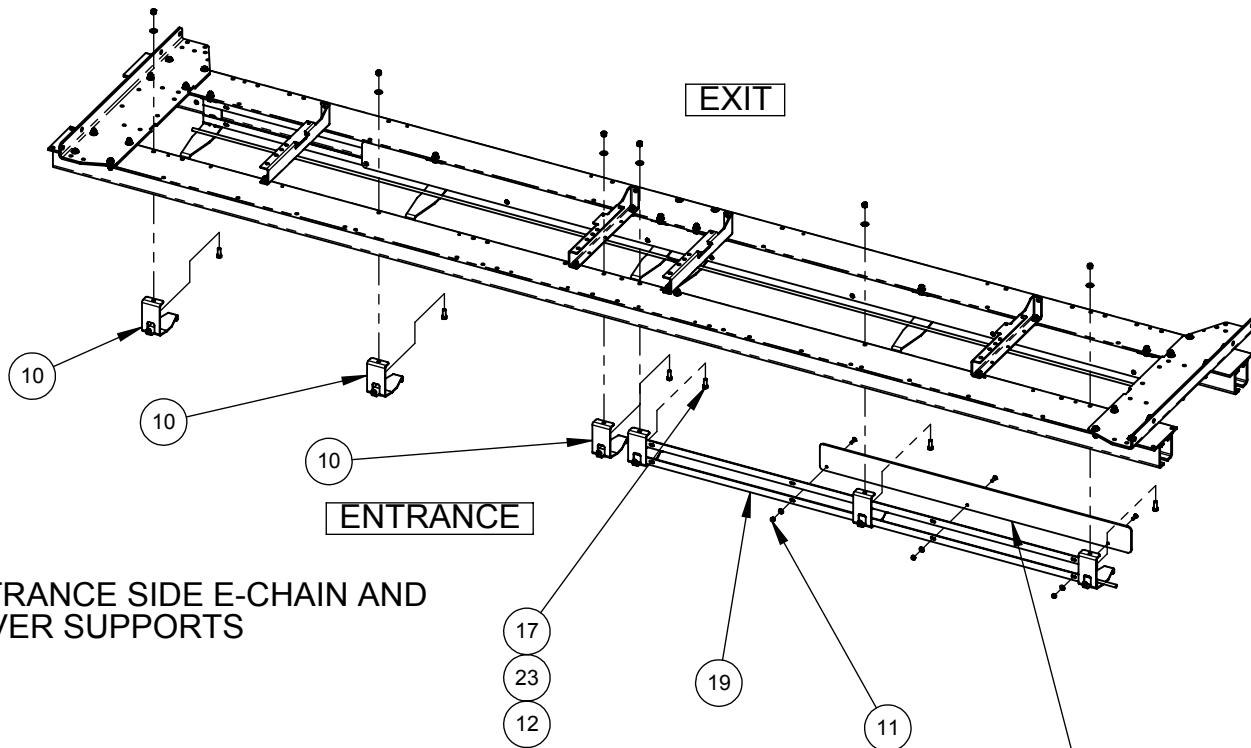
PICTORIAL PARTS CATALOG		
DESCRIPTION: BRIDGE FRAME ASSEMBLY STRUCTURAL COMP & END RAIL		
DWG. NO. 11080111	REV 01	SHEET 1 OF 4
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small> 		



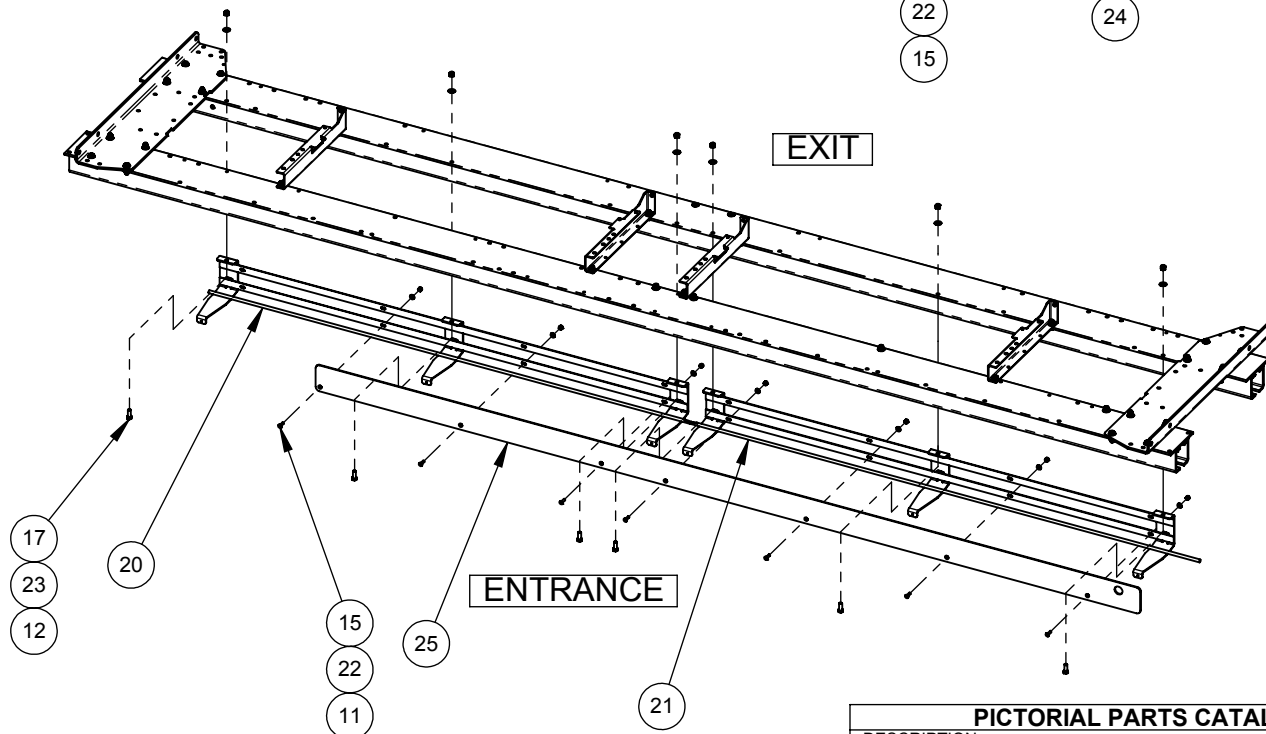
PICTORIAL PARTS CATALOG		
DESCRIPTION: BRIDGE FRAME ASSEMBLY STRUCTURAL COMP & END RAIL		
DWG. NO. 11080111	REV 01	SHEET 2 OF 4

PDQ
VEHICLE WASH SYSTEMS

PART OF OPW DOVER COMPANY



ENTRANCE SIDE E-CHAIN AND COVER SUPPORTS



EXIT SIDE E-CHAIN SUPPORTS

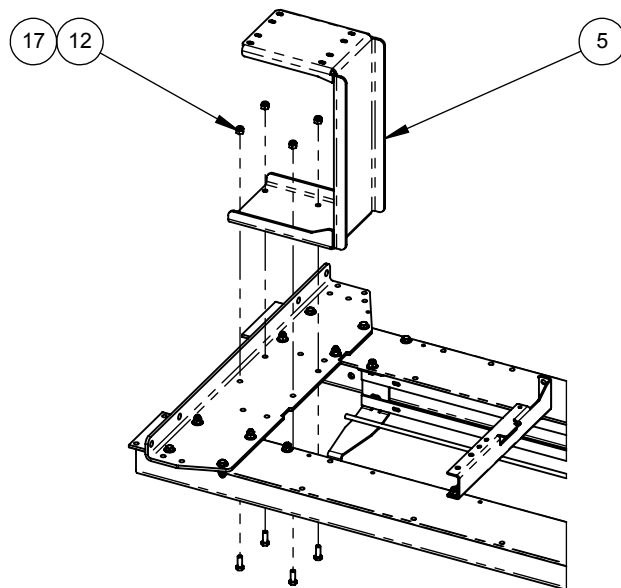
PICTORIAL PARTS CATALOG		
DESCRIPTION: BRIDGE FRAME ASSEMBLY STRUCTURAL COMP & END RAIL		
DWG. NO.	REV	SHEET
11080111	01	3 OF 4



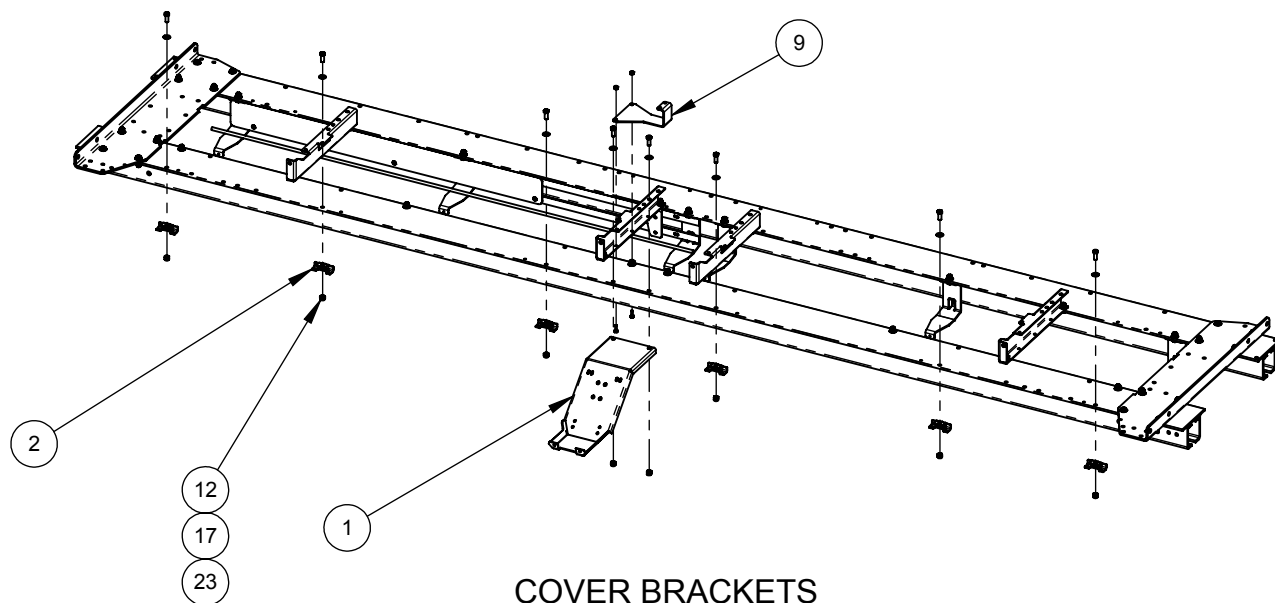
VEHICLE WASH SYSTEMS

PART OF OPW

DOVER COMPANY



ECHAIN MOUNTING



COVER BRACKETS

PICTORIAL PARTS CATALOG

DESCRIPTION:

BRIDGE FRAME ASSEMBLY
STRUCTURAL COMP & END RAIL

DWG. NO.

11080111

REV

01

SHEET

4 OF 4



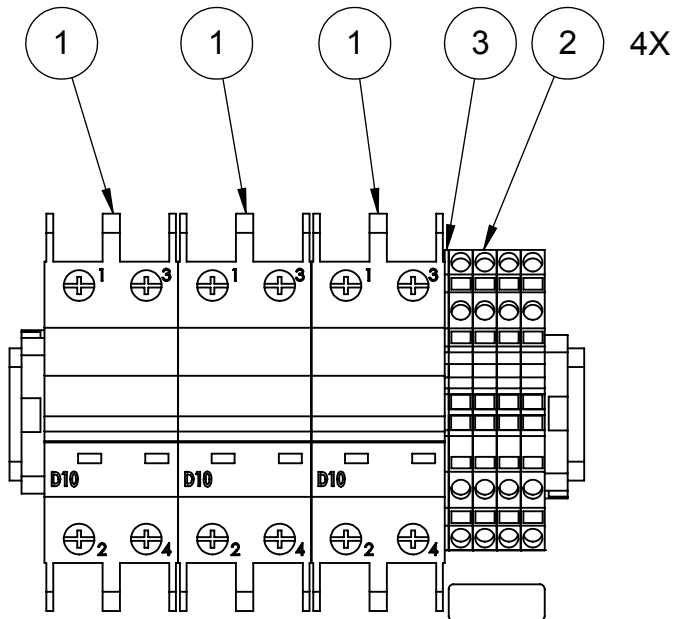
VEHICLE WASH SYSTEMS



PART OF OPW

DOVER COMPANY

ITEM	QTY.	PART #	DESCRIPTION
1	3	04110057	CIRCUIT-BREAKER,10A,2P,D,277V,UL-489
2	4	04100050	TERMINAL-BLOCK,4P,10-20AWG,30A,GRAY,WAGO
3	1	04100051	TERMINAL-END-BARRIER,ORANGE,4P,WAGO



PICTORIAL PARTS CATALOG

DESCRIPTION:

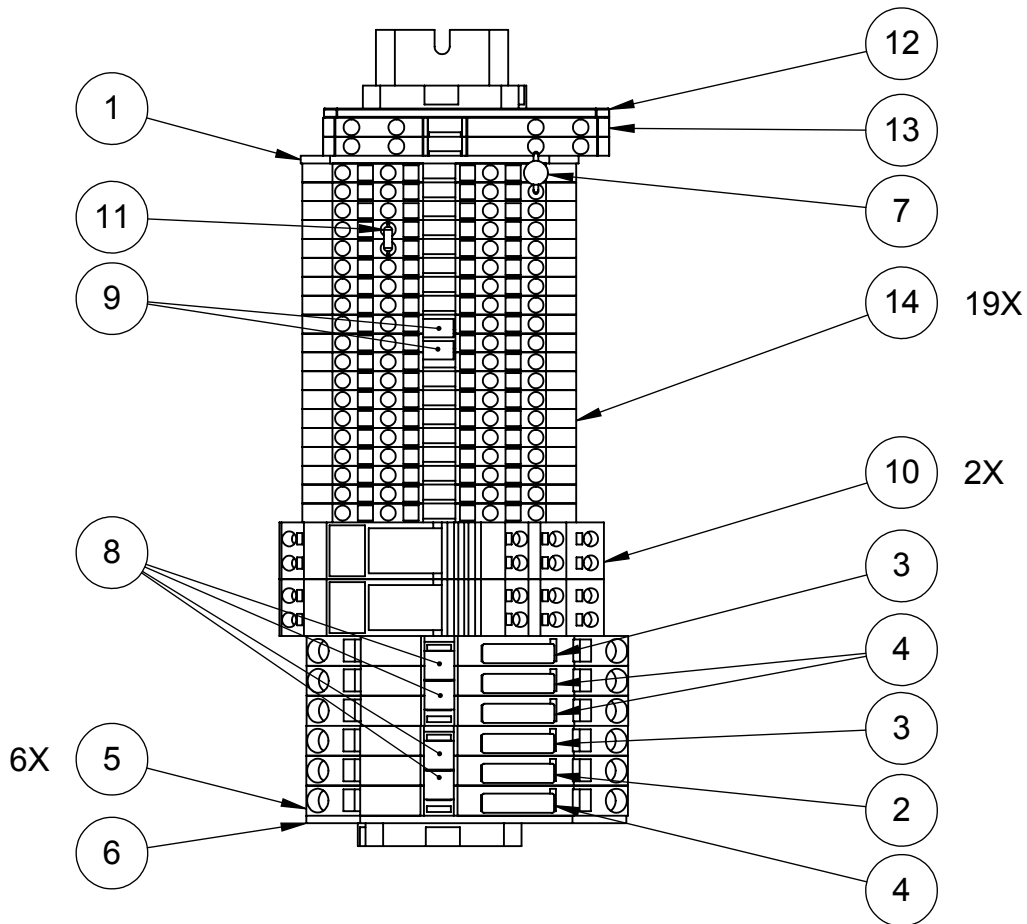
HIGH VOLTAGE TERMINAL STRIP




DWG. NO.	REV	SHEET
11010285	02	1 OF 10



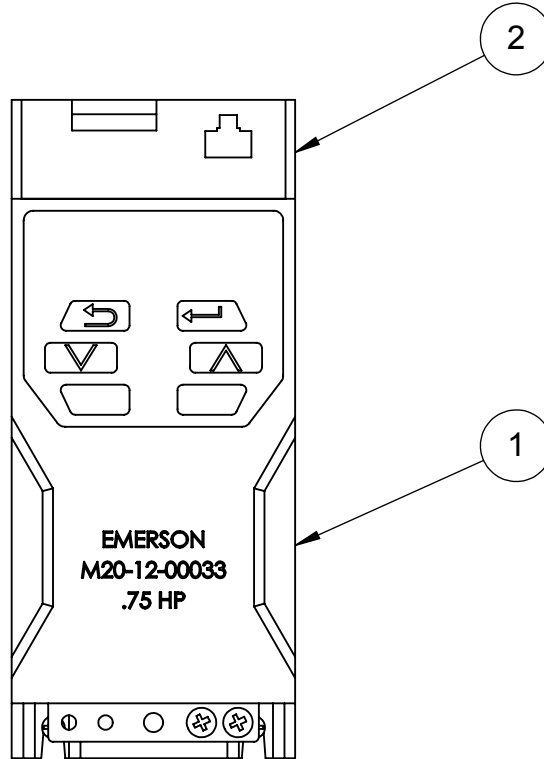

VEHICLE WASH SYSTEMS
PART OF OPW DOVER COMPANY




ITEM	PART #	DESCRIPTION
1	36607	END PLATE,FRONT,4P,280-317,ORANGE
2	04110034	FUSE,3A,MINI,FAST-ACTING,AUTOMOTIVE
3	04110091	FUSE,4A,MINI,FAST-ACTING,AUTOMOTIVE,STYL
4	04110059	FUSE,5A,MINI,FAST-ACTING,AUTOMOTIVE,STYL
5	04110031	FUSE-HOLDER,AUTOMOTIVE,TERM-BLK
6	04110035	FUSE-HOLDER,END-PLATE,2P,MINI-AUTOMOTIVE
7	04080609	HARNESS,COMM,RS485,BRIDGE,LED,LW360PLUS
8	36802	JUMPER INSULATED 282-402
9	36800	JUMPER,INSULATED,GRAY
10	04050008	RELAY-SOCKET,W-DPDT-RELAY,24VAC,8A
11	04590027	RESISTOR,METAL-FILM,475-OHM,1%TOLORENCE
12	36503	TERMINAL,END-PLATE,.098X2.95,ORANGE,WAGO
13	04100024	TERMINAL,GROUND,28-12AWG,4-COND,YEL-GRN
14	36507	TERMINAL-BLK,26-14GA,4P,GRAY



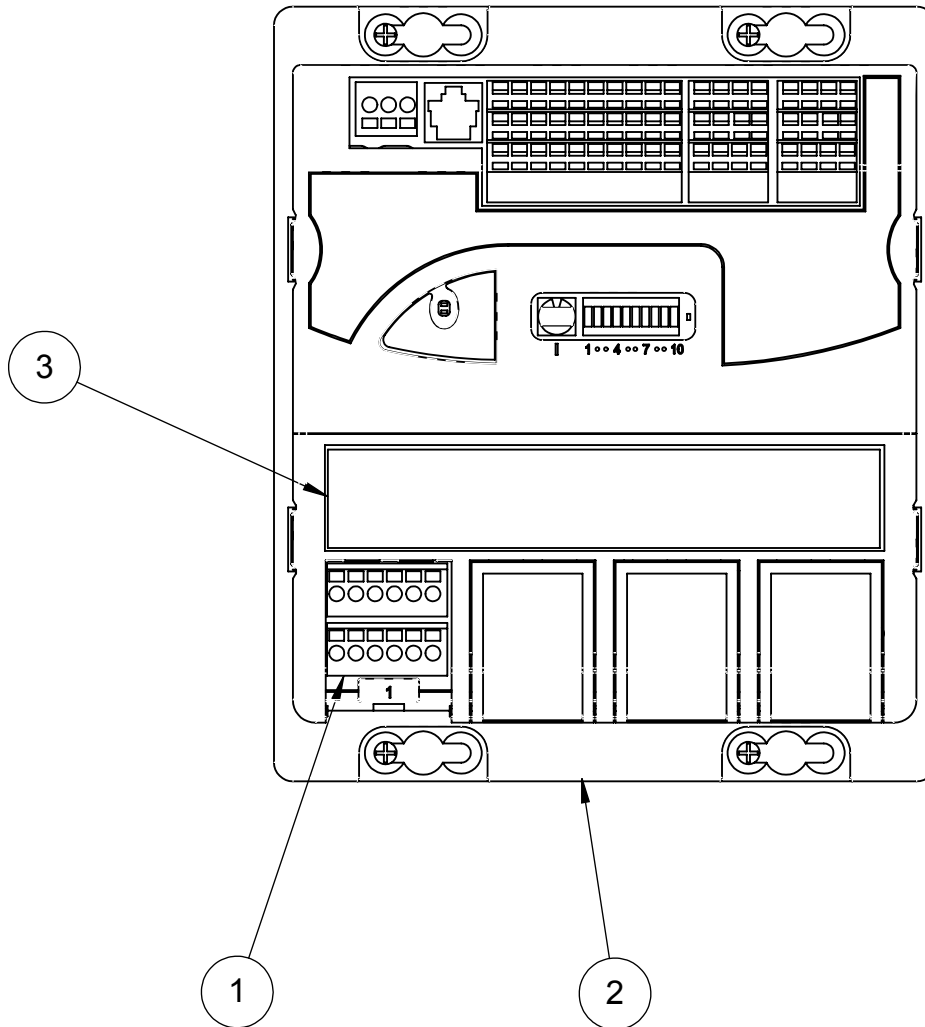
PICTORIAL PARTS CATALOG		
DESCRIPTION:		
LOW VOLTAGE COMPONENTS		
DWG. NO.	REV	SHEET
11010285	02	2 OF 10
		
VEHICLE WASH SYSTEMS		
PART OF OPW		

ITEM	QTY.	PART #	DESCRIPTION
1	1	04180036	FREQ-DRIVE,UM200,0.75HP,0.55kW,230V,1PH
2	1	04540100	MODULE,VFD,INTERFACE,COMM,RS-485,LW360P



PICTORIAL PARTS CATALOG		
DESCRIPTION:		
VFD COMPONENTS		
DWG. NO.	REV	SHEET
11010285	02	3 OF 10
 		
VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small> 		

ITEM	PART #	DESCRIPTION
1	04580019	CIRCUIT-BOARD,OUTPUT,5-RELAY,6A
2	11010052	NODE,I/O-MODULE,10IN,20OUT,4US,2SERIAL
3	02030650	DECAL,OUTPUT-LIST,BRIDGE,NODE,LW360PLUS



PICTORIAL PARTS CATALOG

DESCRIPTION:

NODE COMPONENTS

DWG. NO.	REV	SHEET
11010285	02	4 OF 10

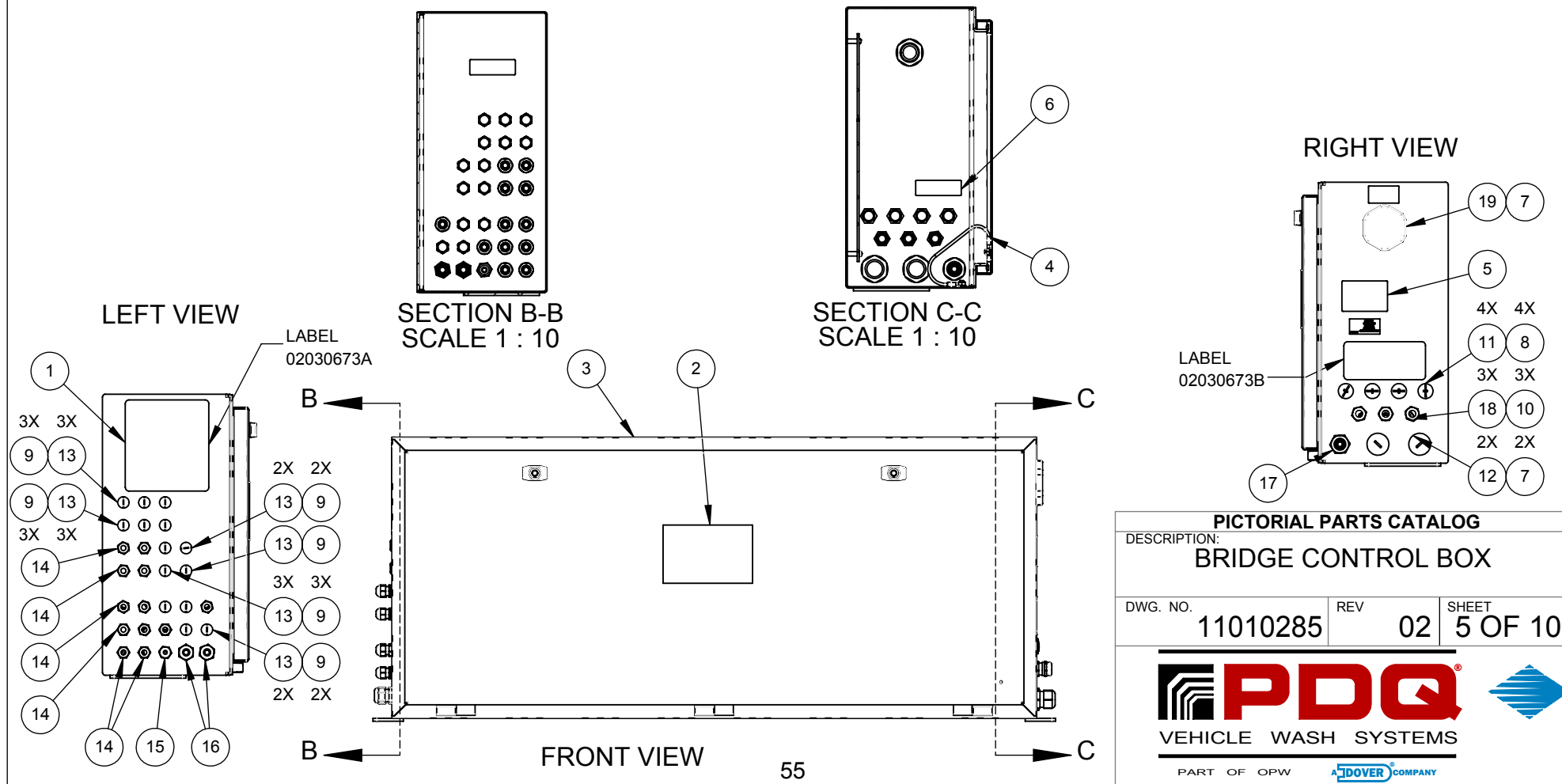


VEHICLE WASH SYSTEMS

PART OF OPW  DOVER COMPANY

ITEM	PART #	DESCRIPTION
1	02030673	DECAL, BRIDGE-BOX CABLE, ENTRY, LW360PLUS
2	02030719	DECAL, LOCK-OUT, ARC-FLASH, H-V, CAUTION
3	04090156	ENCLOSURE, BRIDGE, ELECTRICAL, LW360P
4	04080575	HARNESS, GROUNDING-STRAP, 10AWG-GRN/YEL
5	02230215	LABEL, ID, 11010285, CONTROL-BOX, LW360P
6	02240025	LABEL, INFO, AMP-RATING, TERMINAL-04100050
7	05020063	NUT, LOCK, M32x1.5, NYL, GREY
8	05020069	NUT, M20x1.5, NYL, GRAY
9	05020053	NUT, PG-9, HEX, LOCK, NYL
10	05020043	NUT, PG13, HEX, LOCK, NI-BRS, GND-CONN
11	04330013	PLUG, HOLE, M20x1.5, POLYSTYRENE, GRAY



ITEM	PART #	DESCRIPTION
12	04330011	PLUG, HOLE, M32x1.5, NYLON
13	04330010	PLUG, HOLE, PG9, NYLON, GREY
14	04450024	STRAIN-RELIEF, .138-.315", W/LOCKNUT, NYLON
15	04450012	STRAIN-RELIEF, M16, .177-.394", PLSTC
16	04450016	STRAIN-RELIEF, M20, .276-.512", PLSTC
17	04450018	STRAIN-RELIEF, M25, .354-.669", PLSTC
18	04450017	STRAIN-RELIEF, PG13, .197-.472", GND-CONN
19	03160018	VENT, M32X1.5, POLYCARBONATE, GORE




PICTORIAL PARTS CATALOG

DESCRIPTION:
BRIDGE CONTROL BOX

DWG. NO.	REV	SHEET
11010285	02	5 OF 10

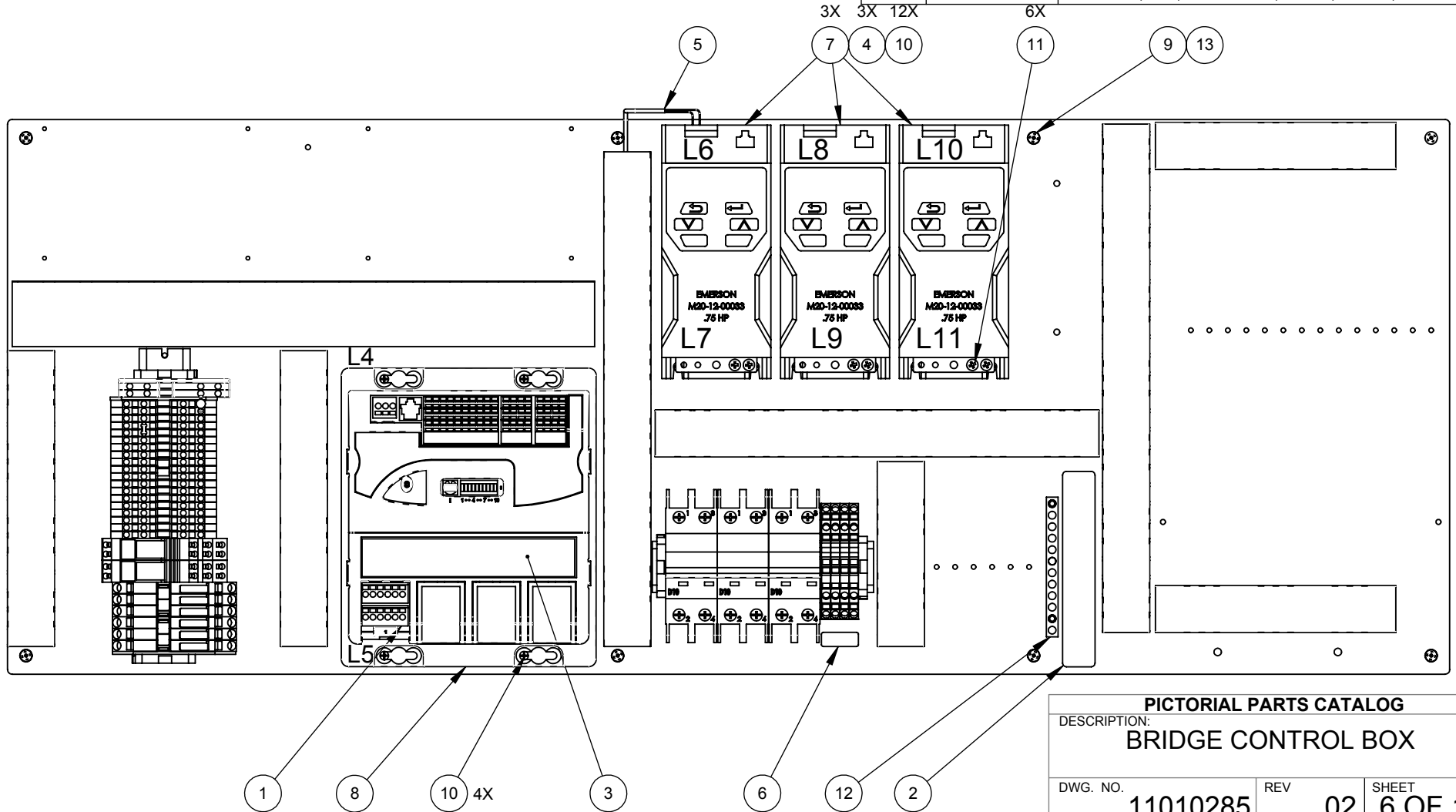



VEHICLE WASH SYSTEMS

PART OF OPW 

ITEM	PART #	DESCRIPTION
8	11010052	NODE,I/O-MODULE,10IN,20OUT,4US,2SERIAL
9	05040240	SCREW,#10-32x.50,PPHMS,SST
10	70033-SCS	SCREW,#8-32x.38,PRHMS,SST
11	05040141	SCREW,M4x6mm,PPHMS,SST
12	04100046	TERMINAL-BLOCK,GND-BAR,9P,8-14AWG,225A
13	71509-LS	WASHER,#10,LOCK,SST

ITEM	PART #	DESCRIPTION
1	04580019	CIRCUIT-BOARD,OUTPUT,5-RELAY,6A
2	02030653	DECAL,GND-BAR,TERMINATION,BRIDGE,LW360P
3	02030650	DECAL,OUTPUT-LIST,BRIDGE,NODE,LW360PLUS
4	04180036	FREQ-DRIVE,UM200,0.75HP,0.55kW,230V,1PH
5	04080590	HARNESS,COMM,RS485,VFD,LW360P
6	02240071	LABEL,INFO,L1/L2/L3/N,TERMINALS,1.0x.38"
7	04540100	MODULE,VFD,INTERFACE,COMM,RS-485,LW360P



BASE MACHINE 11010285

PICTORIAL PARTS CATALOG
 DESCRIPTION:
BRIDGE CONTROL BOX

DWG. NO.	REV	SHEET
11010285	02	6 OF 10

PDQ
 VEHICLE WASH SYSTEMS

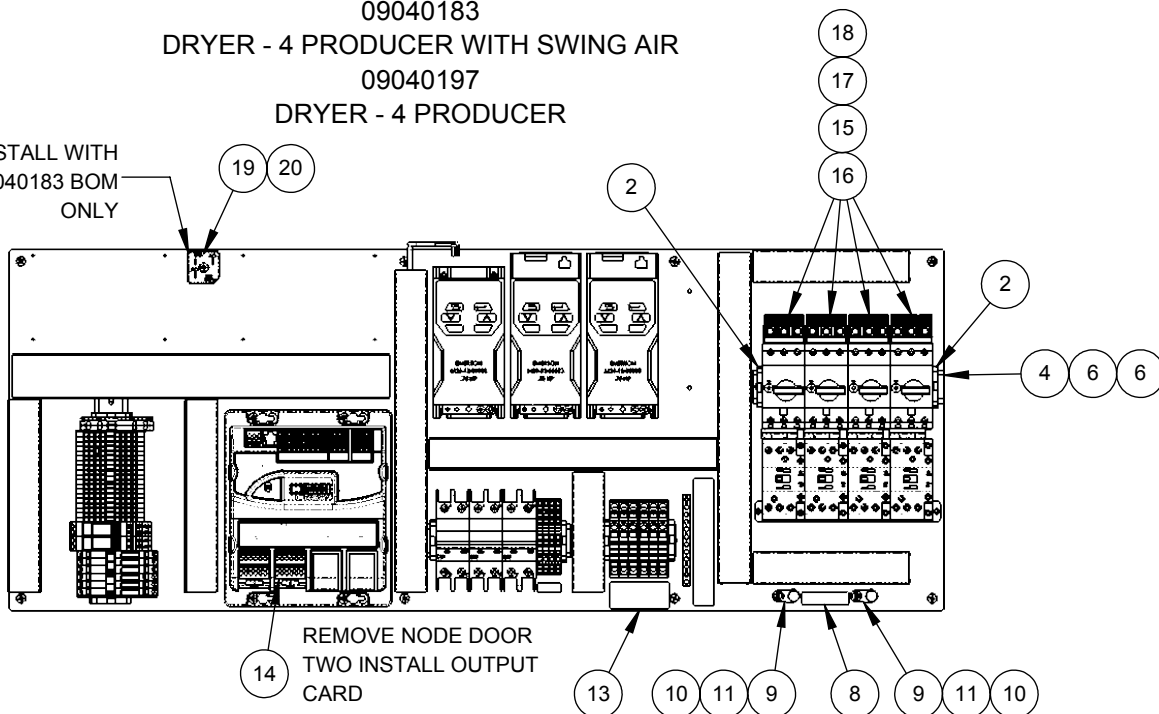
PART OF OPW **ADOVER** COMPANY

ITEM	PART #	DESCRIPTION
12	04330016	PLUG,.427,LDP,RED,CAPLUG,T-3
13	02030674	DECAL,DRYER,PWR,CABLE,TERMINATION,LW360P
14	04580019	CIRCUIT-BOARD,OUTPUT,5-RELAY,6A
15	04110102	CIRCUIT-BREAKER,MSP,20-25A,65KA,480V
16	04110103	MSP,PHASE,SEPARATOR,FRAME-SIZE,B
17	04110104	LINK,MODULE,SIZE-S0,MSP-TO-CONTACTOR
18	04020032	CONTACTOR,25A,24V-50/60HZ,AUX-NO,600V
19	04590020	RECTIFIER-BRIDGE,SILCONE,SINGLE-PH,35A
20	05040103	SCREW,#8-32x.75,PPHTCS,SST
21	04450012	STRAIN-RELIEF,M16,.177-.394",PLSTC

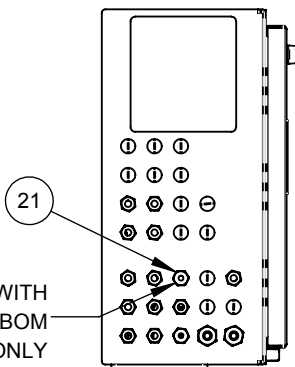
ITEM	PART #	DESCRIPTION
1	04100041	TERMINAL,END-PLATE,WAGO,2010-SER,3P,ORG
2	36650	END-STOP,6mm,PLST,GRAY,249-116
3	04100039	TERMINAL-BLOCK,WAGO,3P,8-20AWG,GRAY
4	04140005	DIN-RAIL,35mmx8.00",AL
5	36950-3.00	DIN-RAIL,35mmx3.00",AL
6	73604-TXCZ	SCREW,#8x.50,HHTEK,ZP
7	04450011	STRAIN-RELIEF,M32,.433-.827",PLSTC
8	02240073	LABEL,INFO,TORQUE,RATING,GND-LUG
9	34900	LUG,GROUNDING,14-4GA,COPPER
10	71511-EZ	WASHER,1/4,STAR,ZP
11	70106-HCS	SCREW,1/4-20x.50,HHCS,SST

09040183
 DRYER - 4 PRODUCER WITH SWING AIR
 09040197
 DRYER - 4 PRODUCER

INSTALL WITH
 09040183 BOM
 ONLY

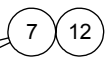


REMOVE NODE DOOR
 TWO INSTALL OUTPUT
 CARD

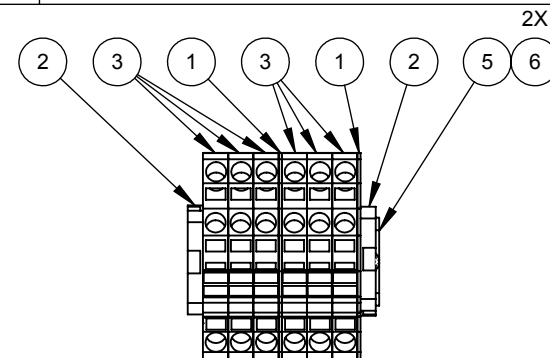


INSTALL WITH
 09040183 BOM
 ONLY

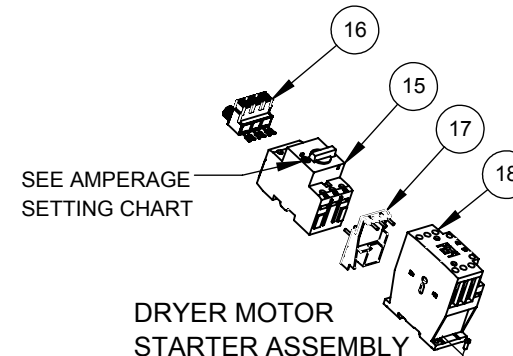
NOTE:
 DO NOT INSTALL HOLE PLUGS



DRYER MSP AMPERAGE SETTING	
208V	22A
230V	20A





DRYER TERMINAL STRIP



SEE AMPERAGE
 SETTING CHART

DRYER MOTOR
 STARTER ASSEMBLY

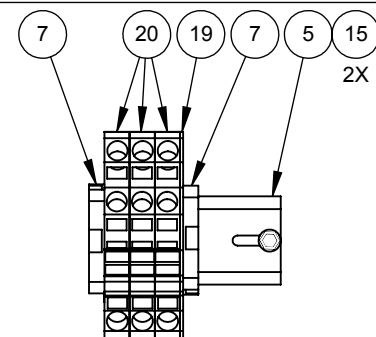
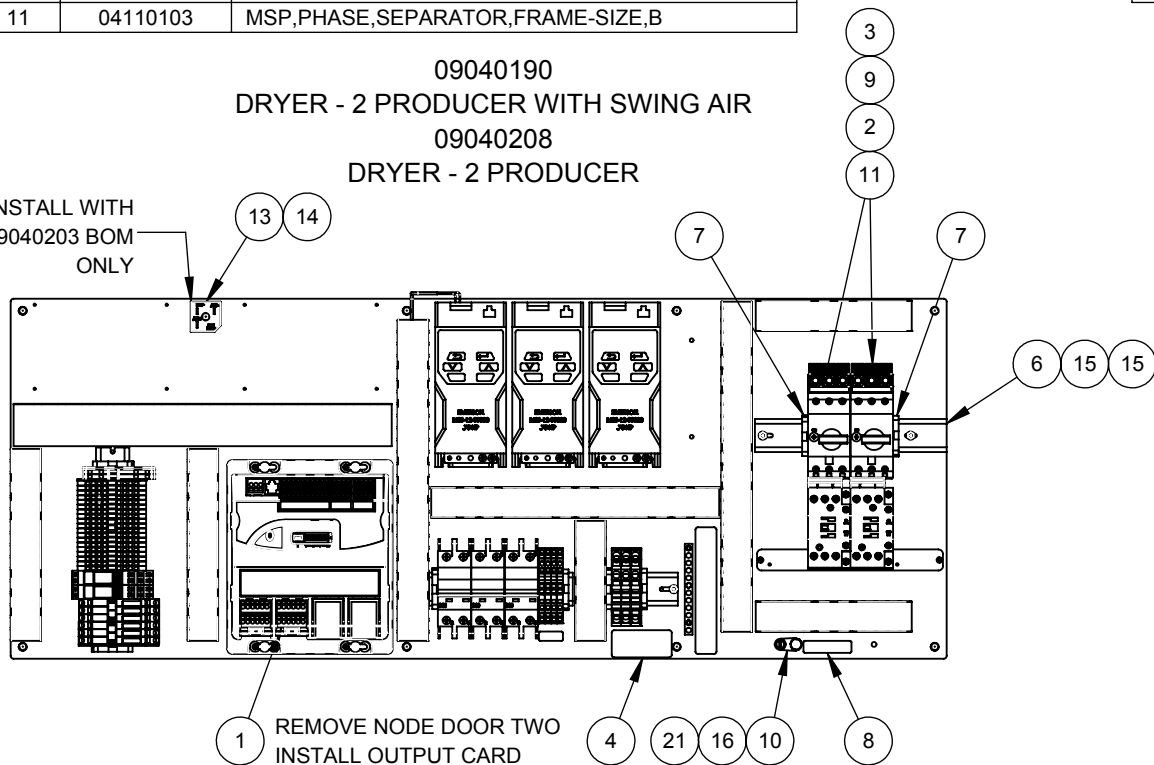
PICTORIAL PARTS CATALOG		
DESCRIPTION: BRIDGE CONTROL BOX		
DWG. NO. 11010285	REV 02	SHEET 7 OF 10
		
VEHICLE WASH SYSTEMS		
PART OF OPW 		

ITEM	PART #	DESCRIPTION
1	04580019	CIRCUIT-BOARD,OUTPUT,5-RELAY,6A
2	04110102	CIRCUIT-BREAKER,MSP,20-25A,65KA,480V
3	04020032	CONTACTOR,25A,24V-50/60HZ,AUX-NO,600V
4	02030674	DECAL,DRYER,PWR,CABLE,TERMINATION,LW360P
5	36950-3.00	DIN-RAIL,35mmx3.00",AL
6	04140005	DIN-RAIL,35mmx8.00",AL
7	36650	END-STOP,6mm,PLST,GRAY,249-116
8	02240073	LABEL,INFO,TORQUE,RATING,GND-LUG
9	04110104	LINK,MODULE,SIZE-S0,MSP-TO-CONTACTOR
10	34900	LUG,GROUNDING,14-4GA,COPPER
11	04110103	MSP,PHASE,SEPARATOR,FRAME-SIZE,B

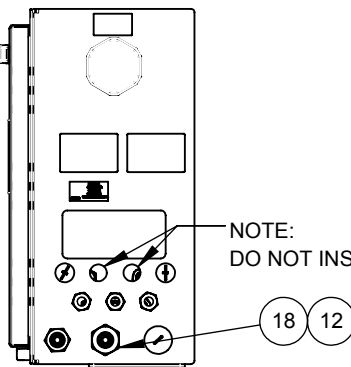
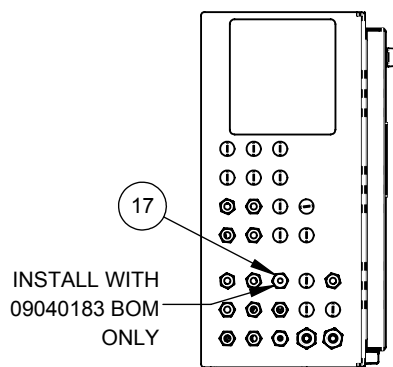
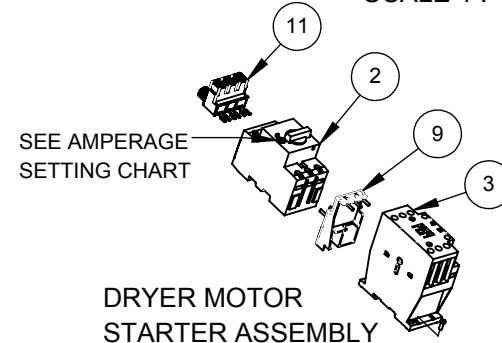
ITEM	PART #	DESCRIPTION
12	04330016	PLUG,.427,LDP,RED,CAPLUG,T-3
13	04590020	RECTIFIER-BRIDGE,SILCONE,SINGLE-PH,35A
14	05040103	SCREW,#8-32x.75,PPHTCS,SST
15	73604-TXCZ	SCREW,#8x.50,HHTEK,ZP
16	70106-HCS	SCREW,1/4-20x.50,HHCS,SST
17	04450012	STRAIN-RELIEF,M16,.177-.394",PLSTC
18	04450011	STRAIN-RELIEF,M32,.433-.827",PLSTC
19	04100041	TERMINAL,END-PLATE,WAGO,2010-SER,3P,ORG
20	04100039	TERMINAL-BLOCK,WAGO,3P,8-20AWG,GRAY
21	71511-EZ	WASHER,1/4,STAR,ZP

09040190
DRYER - 2 PRODUCER WITH SWING AIR
09040208
DRYER - 2 PRODUCER

INSTALL WITH
09040203 BOM
ONLY



DRYER TERMINAL STRIP
SCALE 1 : 1



DRYER MSP AMPERAGE SETTING	
208V	22A
230V	20A

PICTORIAL PARTS CATALOG

DESCRIPTION:
BRIDGE CONTROL BOX

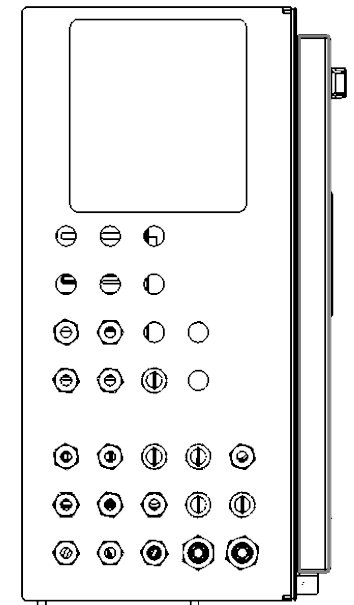
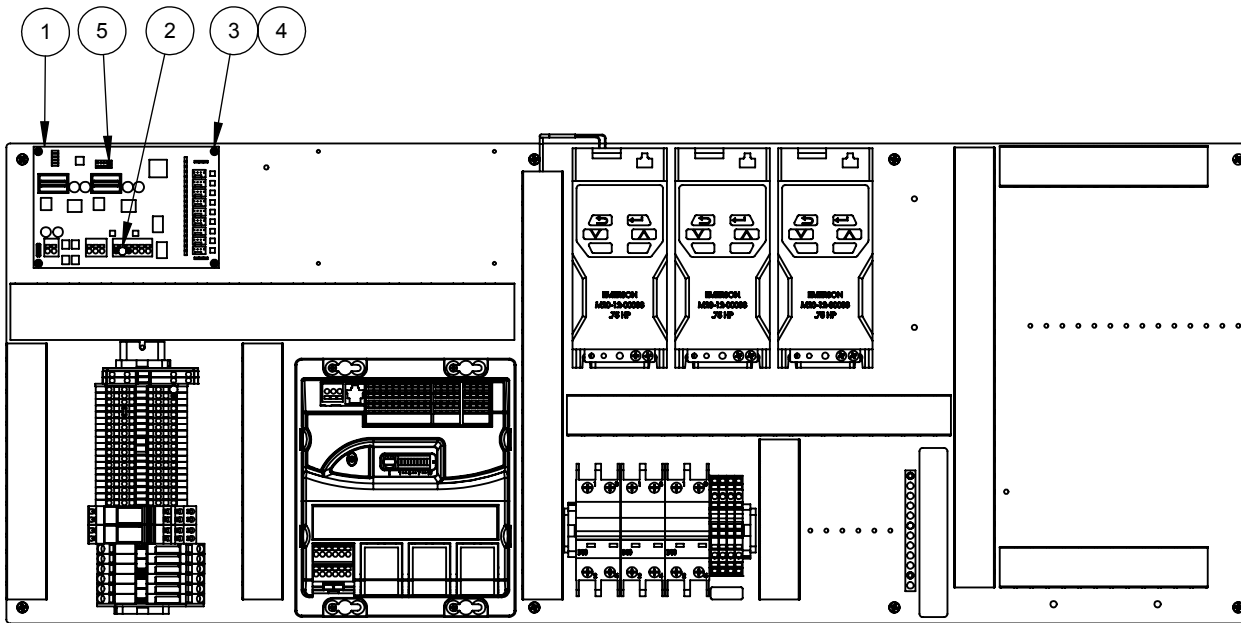
DWG. NO.	REV	SHEET
11010285	02	8 OF 10




VEHICLE WASH SYSTEMS

PART OF OPW **DOVER COMPANY**

ITEM	PART #	DESCRIPTION
1	04580044	CIRCUIT-BOARD,INTERFACE,INFRARED,MDX
2	04080594	HARNESS,COMM,RS485,LASERGLOW,LW360PLUS
3	05040140	SCREW,M3x6mm,PPHMS,SST
4	05130043	STAND-OFF,M3x10mm,HEX,NYLON
5	04590023	SHUNT,HEADER,2-POS,.100-CENTERLINE

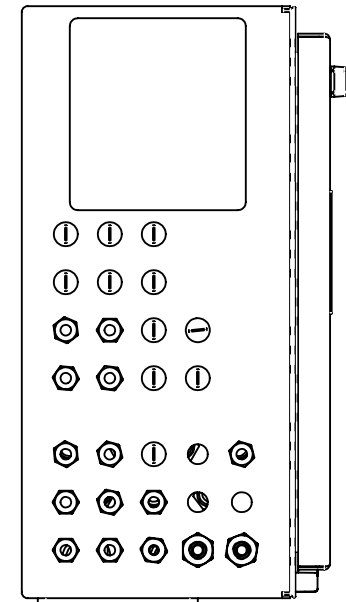
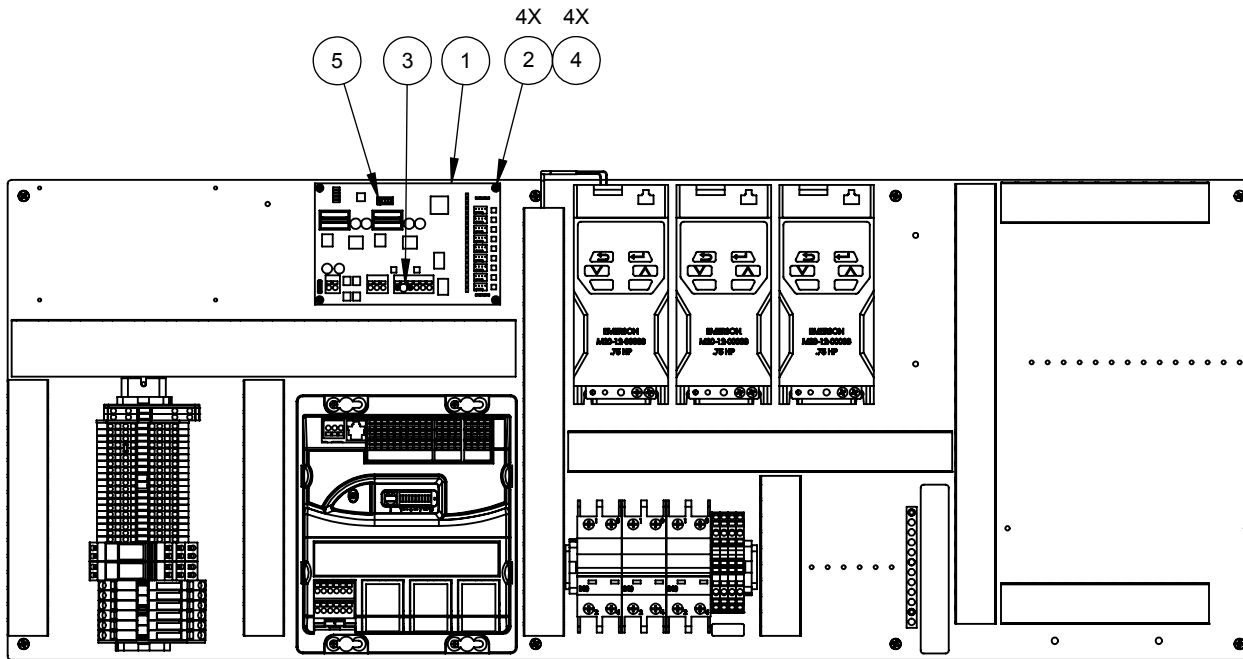
11260121 LASERGLLOW OPTIONAL PARTS



PICTORIAL PARTS CATALOG		
DESCRIPTION: BRIDGE CONTROL BOX		
DWG. NO.	REV	SHEET
11010285	02	9 OF 10
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	04580044	CIRCUIT-BOARD,INTERFACE,INFRARED,MDX
2	05040140	SCREW,M3x6mm,PPHMS,SST
3	04080608	HARNESS,COMM,RS485,OVERGLOW,LW360PLUS
4	05130043	STAND-OFF,M3x10mm,HEX,NYLON
5	04590023	SHUNT,HEADER,2-POS,.100-CENTERLINE

11250284 OVERGLOW OPTIONAL PARTS



PICTORIAL PARTS CATALOG

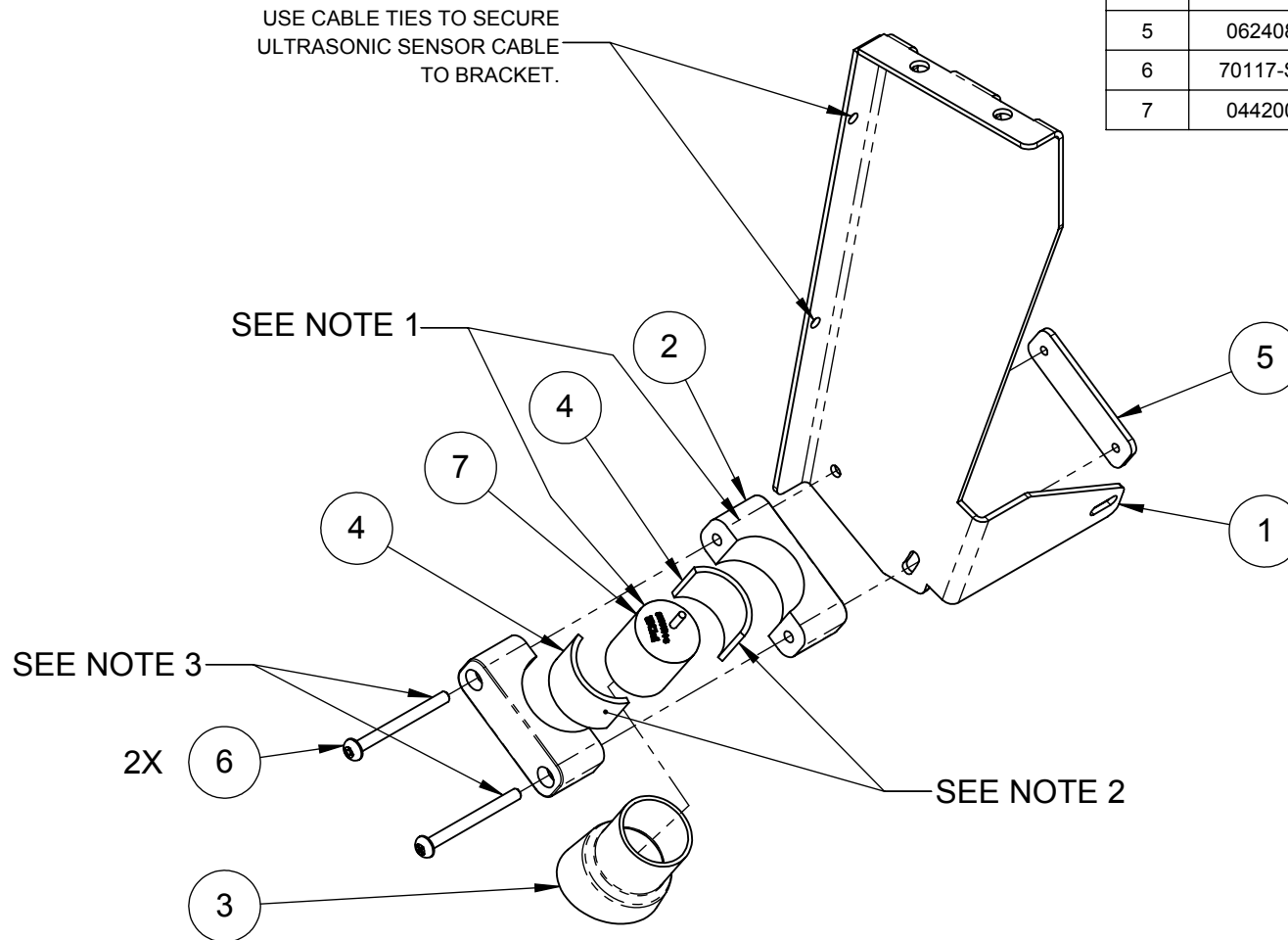
DESCRIPTION:
BRIDGE CONTROL BOX

DWG. NO. 11010285	REV 02	SHEET 10 OF 10
-----------------------------	------------------	--------------------------

PDQ
VEHICLE WASH SYSTEMS




PART OF OPW COMPANY

ITEM	PART #	DESCRIPTION
1	06141286-RH	BRACKET,ULTRASONIC,MNT,RIGHT,SST,LW360P
2	05050067	CLAMP,PIPE,1-1/2,PP,STANDARD
3	06160293	COVER,SENSOR-SHIELD,2X2.75",GRAY,VINYL
4	06060027	CUSHION,1/8THK,ULTRASONIC-MOUNT,SILICONE
5	06240891	PLATE,BACKING,1-1/2-PIPE-CLAMP,TOP,SST
6	70117-SCS	SCREW,1/4-20x2.75,SRHMS,SST
7	04420026	SENSOR,ULTRASONIC,75kHz,15"CBL,1.5"DIA

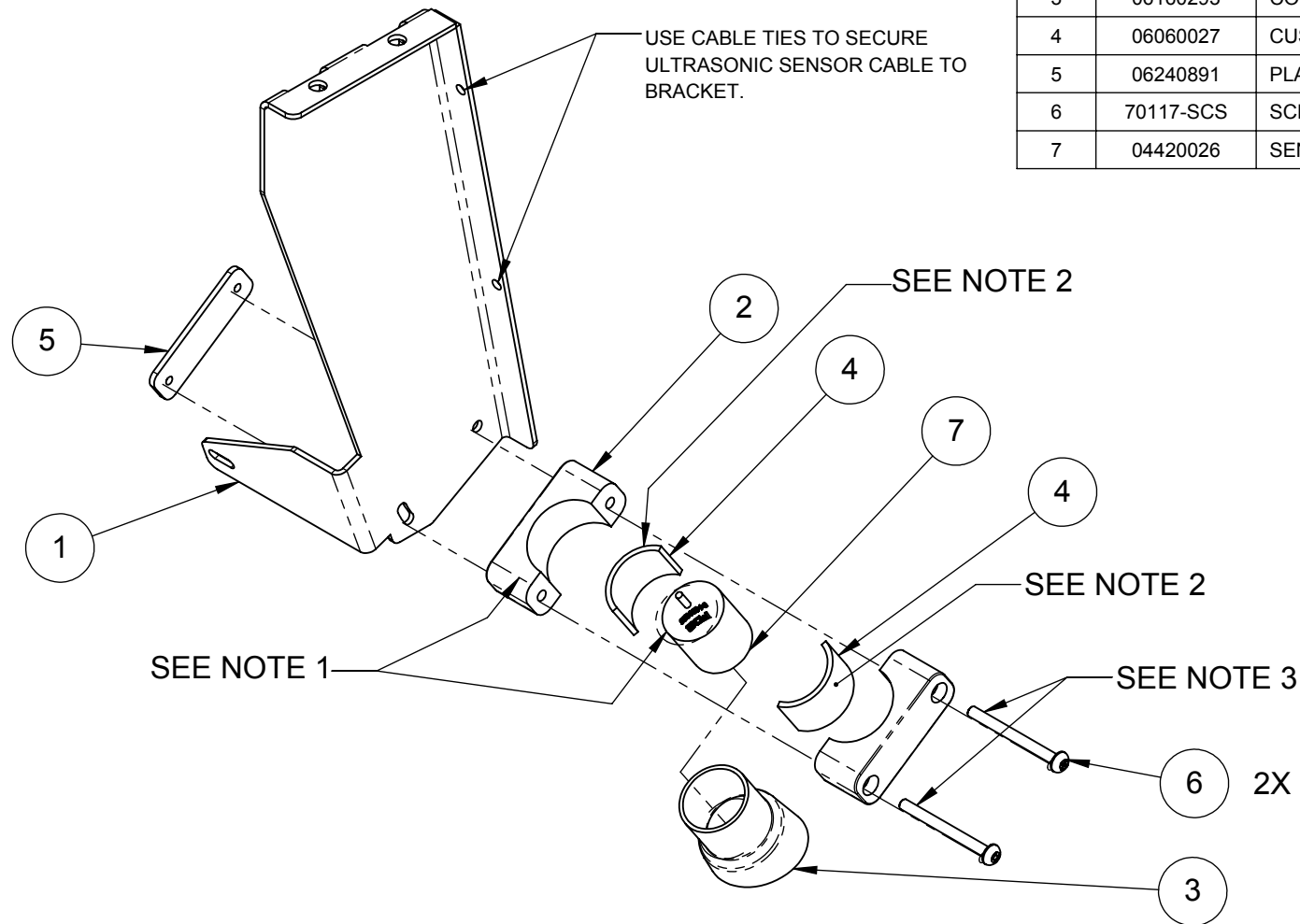


NOTES

1. LINE UP BACK EDGE OF THE SENSOR WITH THE CLAMP AS SHOWN.
2. ORIENT ADHESIVE SIDE TOWARDS THE CLAMP. PEEL THE PACKING PAPER AND ADHERE.
3. APPLY MEDIUM STRENGTH THREAD LOCKING COMPOUND PDQ P/N 90043 (LOCTITE 243) PER MANUFACTURERS SPECIFICATIONS.




PICTORIAL PARTS CATALOG		
DESCRIPTION: BRIDGE ULTRASONIC SENSOR ANGLE POSITION - ON RIGHT		
DWG. NO. 11410014-RH	REV 01	SHEET 1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	06141286-LH	BRACKET,ULTRASONIC,MNT,LEFT,SST,LW360P
2	05050067	CLAMP,PIPE,1-1/2,PP,STANDARD
3	06160293	COVER,SENSOR-SHIELD,2X2.75",GRAY,VINYL
4	06060027	CUSHION,1/8THK,ULTRASONIC-MOUNT,SILICONE
5	06240891	PLATE,BACKING,1-1/2-PIPE-CLAMP,TOP,SST
6	70117-SCS	SCREW,1/4-20x2.75,SRHMS,SST
7	04420026	SENSOR,ULTRASONIC,75kHz,15"CBL,1.5"DIA

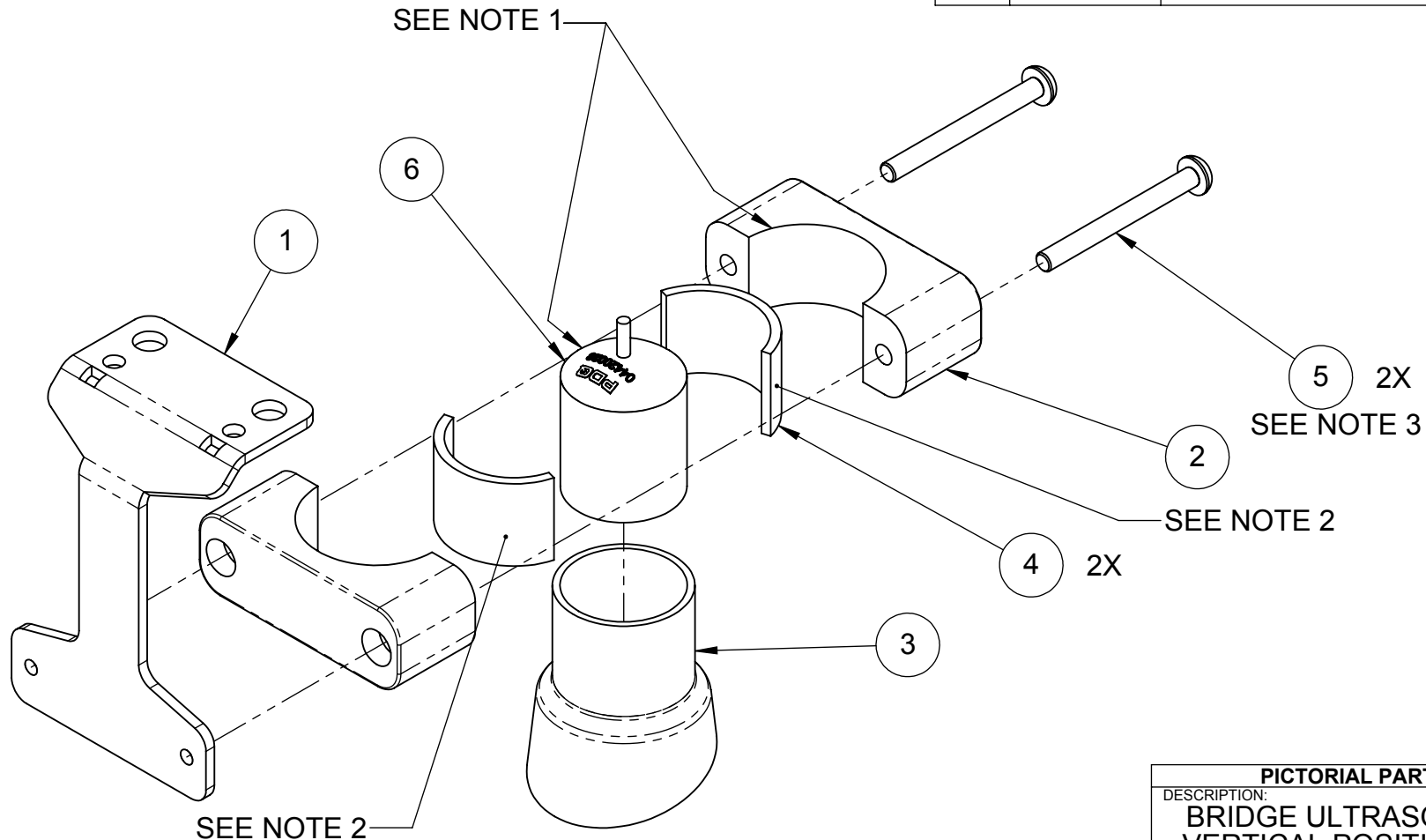


NOTES

1. LINE UP BACK EDGE OF THE SENSOR WITH THE CLAMP AS SHOWN.
2. ORIENT ADHESIVE SIDE TOWARDS THE CLAMP. PEEL THE PACKING PAPER AND ADHERE.
3. APPLY MEDIUM STRENGTH THREAD LOCKING COMPOUND PDQ P/N 90043 (LOCTITE 243) PER MANUFACTURERS SPECIFICATIONS.



PICTORIAL PARTS CATALOG		
DESCRIPTION: BRIDGE ULTRASONIC SENSOR ANGLE POSITION - ON LEFT		
DWG. NO. 11410014-LH	REV 01	SHEET 1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	06141314	BRACKET,ULTRA-SONIC,VERT,SST,AL,LW360P
2	05050067	CLAMP,PIPE,1-1/2,PP,STANDARD
3	06160293	COVER,SENSOR-SHIELD,2X2.75",GRAY,VINYL
4	06060027	CUSHION,1/8THK,ULTRASONIC-MOUNT,SILICONE
5	70116-SCS	SCREW,1/4-20x2.50,PPHMS,SST
6	04420026	SENSOR,ULTRASONIC,75kHz,15"CBL,1.5"DIA



NOTES

1. LINE UP BACK EDGE OF THE SENSOR WITH THE CLAMP AS SHOWN.
2. ORIENT ADHESIVE SIDE TOWARDS THE CLAMP. PEEL THE PACKING PAPER AND ADHERE.
3. APPLY MEDIUM STRENGTH THREAD LOCKING COMPOUND PDQ P/N 90043 (LOCTITE 243) PER MANUFACTURERS SPECIFICATIONS.

PICTORIAL PARTS CATALOG		
DESCRIPTION: BRIDGE ULTRASONIC SENSOR VERTICAL POSITION FOR STOP		
DWG. NO. 11410013	REV 00	SHEET 1 OF 1
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small> 		

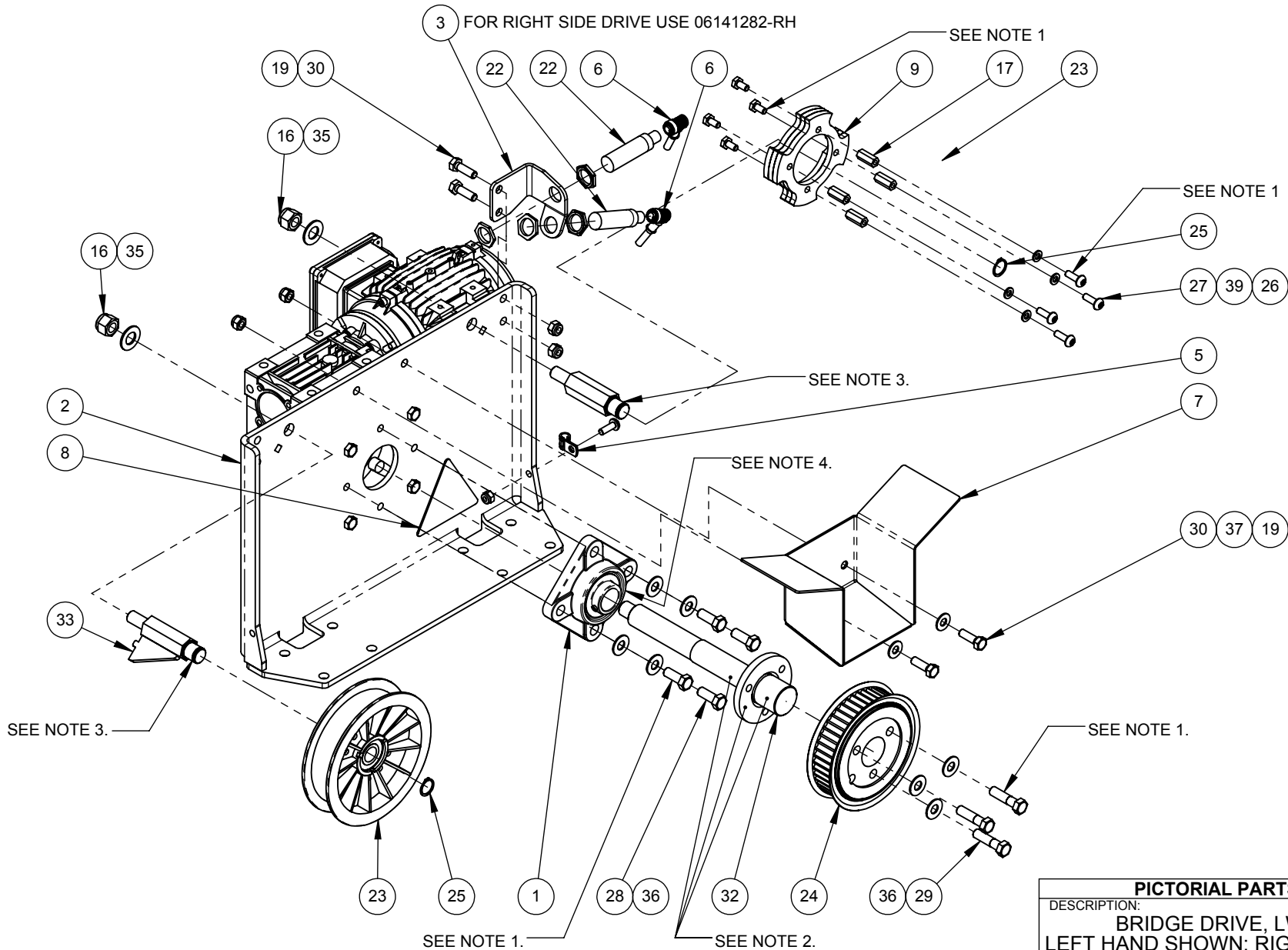
CONFIDENTIAL

ITEM	PART #	DESCRIPTION
1	06010065	BEARING,FLANGE,4BOLT,1.000"BORE,ABT
2	06141290	BRACKET,DRIVE,END-PLATE,BRIDGE,LW360P
3	06141282-LH	BRACKET,PROX-MOUNT,NAV,LH,BRIDGE,LW360P
4	06141282-RH	BRACKET,PROX-MOUNT,NAV,RH,BRIDGE,LW360P
5	05050049	CLAMP,CUSHION,3/8",SST
6	04080390	CORDSET,12mm,3/20AWG,90°,3m
7	06160486	COVER,BRIDGE,DRIVE,AL,LW360P
8	02030341	DECAL,WARNING,PINCHING-HAZARD
9	06480063	FLAG,PULSE,NAVIG,SST,WELDMENT,LW360PLUS
10	06280057	GEARBOX,RTANG,20:1,IEC71,MRVC
11	04080595	HARNESS,BRIDGE,MOTOR,LH-DR,LW360P
12	04080587	HARNESS,BRIDGE,MOTOR,RH-DR,LW360PLUS
13	05120029	KEY,8x7x80mm,18-8-SST,UNDERSIZED
14	02240027	LABEL,1x1,DANGER-HIGH-VOLTAGE
15	04120068	MOTOR,.5HP,1680,IEC71,208/460,TENV,FL
16	71015-NCS	NUT,1/2-13,HEX,LOCK,SST
17	71011-CCS	NUT,1/4-20,CPLG,SST
18	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
19	71012-NCS	NUT,5/16-18,HEX,LOCK,SST
20	05020077	NUT,5/8-11,HEX,LOCK,JAM,SST
21	03080035	PLUG,DRAIN,MOTOR,PP-PLASTIC
22	93021	PROX,18mm,SHLD,10-30VDC,NPN,LONG
23	06030043	PULLEY,IDLER,5.0"x1.25",FLAT,PLSTC
24	06030050	PULLEY,TIMING,8M,48T,25W,FLANGE-MNT
25	05120030	RETAINING-RING,17mm,EXT,SST
26	70106-HCS	SCREW,1/4-20x.50,HHCS,SST
27	70108-SCS	SCREW,1/4-20x.75,PPHMS,SST
28	70180-HCS	SCREW,3/8-16x1.00,HHCS,SST
29	70182-HCS	SCREW,3/8-16x1.50,HHCS,SST
30	70145-HCS	SCREW,5/16-18x1.00,HHCS,SST
31	70146-HCS	SCREW,5/16-18x1.25,HHCS,SST
32	06150184	SHAFT,DRIVE,TROLLEY/BRIDGE,WELDM,LW360P
33	06150169	SHAFT,IDLER,PULLEY,W/GUSSET,SST
34	04450023	STRAIN-RELIEF,M20,.276-.492",GND-CONN
35	71515-FS	WASHER,1/2,FLAT,SST,MIL-SPEC
36	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST
37	71512-FS	WASHER,5/16,FLAT,SST
38	71517-FS	WASHER,5/8,FLAT,SST
39	05030016	WASHER,M6,FLAT,SST
40	05030022	WASHER,M8,FLAT,SST

NOTES




- ASSEMBLY 111170018-LH IS USED WHEN BRIDGE DRIVE IS ON THE LEFT SIDE OF THE MACHINE.
- ASSEMBLY 111170018-RH IS USED WHEN BRIDGE DRIVE IS ON THE LEFT SIDE OF THE MACHINE.
- ITEMS NUMBERS FOR PROX MOUNTING BRACKET AND POWER CABLE HARNESS ARE SPECIFIC TO WHICH SIDE THE DRIVE IS LOCATED. ALL OTHER PARTS ARE COMMON FOR BOTH ASSEMBLIES.
- FOLLOWING EXPLODED ASSEMBLY IMAGES ARE SHOWING THE LEFT SIDE CONFIGURATION.

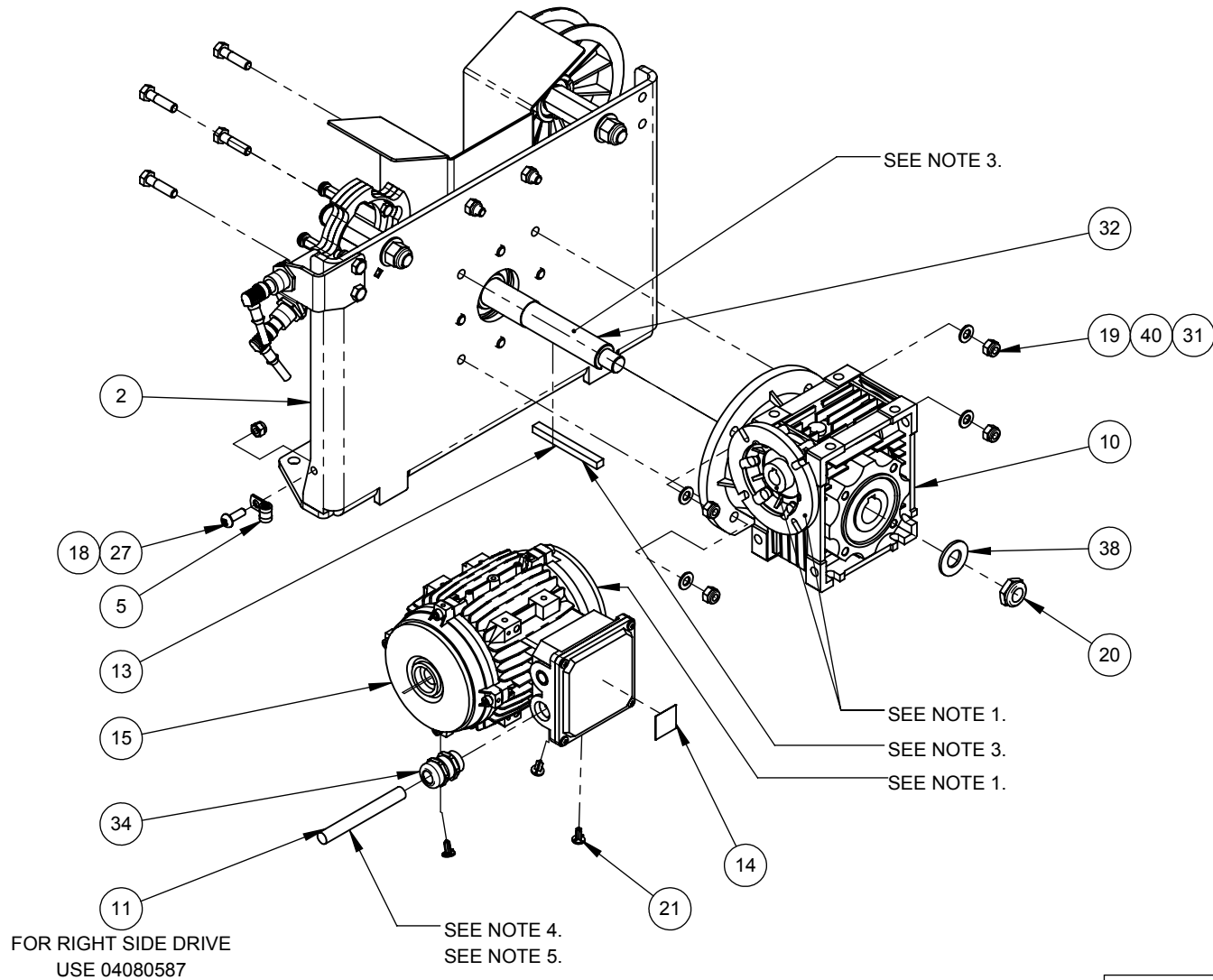
PICTORIAL PARTS CATALOG		
DESCRIPTION: BRIDGE DRIVE, LW360-PLUS LEFT HAND SHOWN; RIGHT HAND SIMILAR		
DWG. NO. 11170018	REV 02	SHEET 1 OF 3
		
VEHICLE WASH SYSTEMS		
PART OF OPW 		



NOTES




1. APPLY MEDIUM STRENGTH THREAD LOCKING COMPOUND PDQ P/N 90043 (LOCTITE 243) PER MANUFACTURERS SPECIFICATIONS.
2. APPLY ANTI-SIEZE PDQ P/N 08090008 TO DRIVE SHAFT AND KEY ON ALL MATING SURFACES WITH BEARING AND PULLEY BEFORE SECURING SHAFT, BEARING, PULLEY AND GEARBOX.
3. APPLY ANTI-SIEZE PDQ P/N 08090008 TO IDLER SHAFT, BEFORE SECURING PULLEY AND SHAFT TOGETHER.
4. ORIENTATION OF FLANGE BEARING GREASE FITTING TO BE TOWARDS WASH ENTRANCE AND DOWN.

PICTORIAL PARTS CATALOG		
DESCRIPTION: BRIDGE DRIVE, LW360-PLUS LEFT HAND SHOWN; RIGHT HAND SIMILAR		
DWG. NO.	REV	SHEET
11170018	02	2 OF 3
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW</small> 		



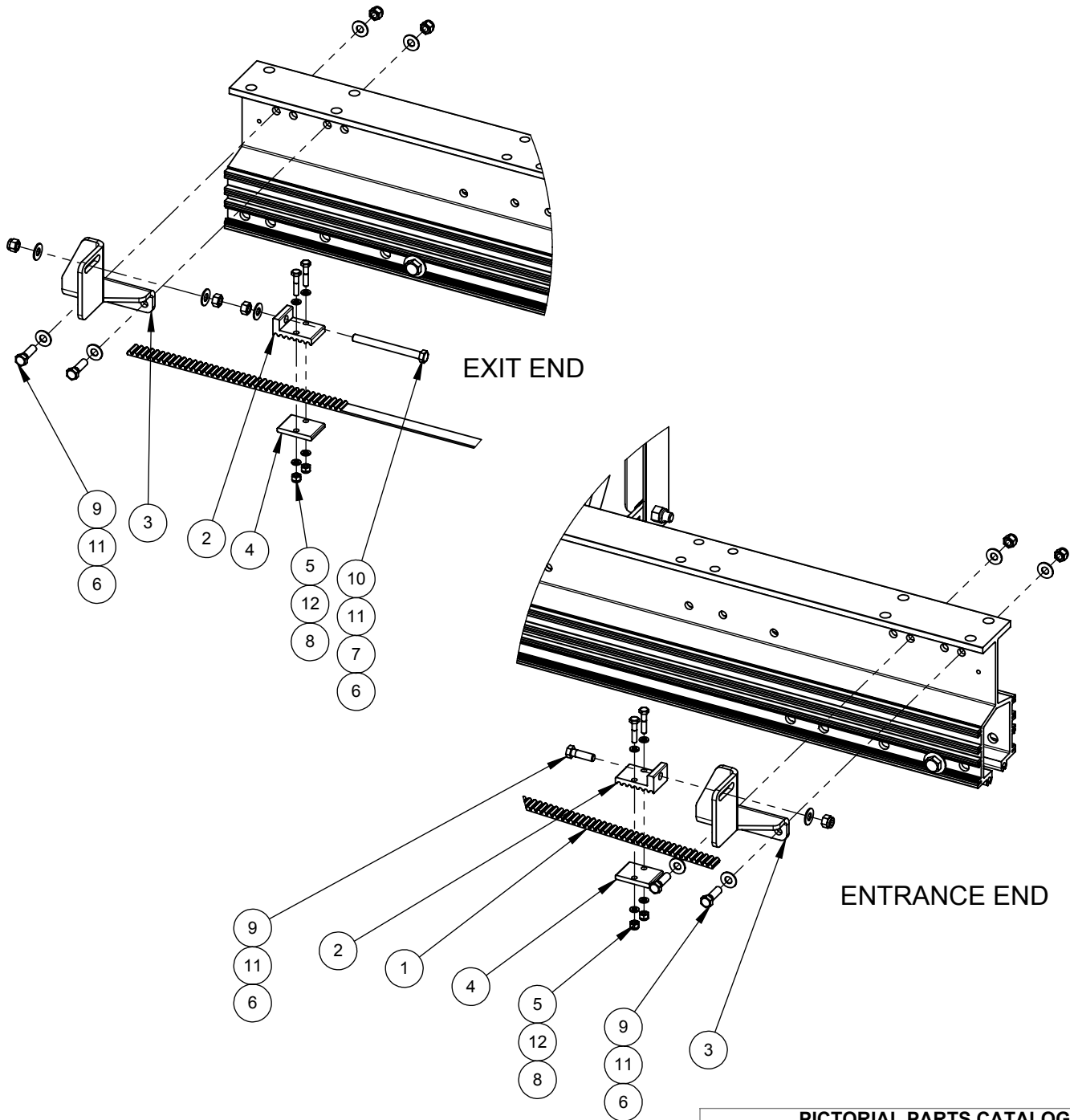
NOTES

1. APPLY ANTI-SIEZE PDQ P/N 08090008 TO MOTOR SHAFT, KEY AND ALL MATING SURFACE BEFORE SECURING MOTOR AND GEARBOX TOGETHER.
2. USE FASTENERS SUPPLIED WITH GEARBOX TO SECURE MOTOR TO GEARBOX (QTY (4) CAP SCREW, M6-1.0x18mm, STAINLESS STEEL). INSTALL FASTENERS USING MEDIUM STRENGTH THREAD LOCKING COMPOUND PDQ P/N 90043 (LOCTITE 243) PER MANUFACTURERS SPECIFICATIONS. FASTENERS ARE NOT SHOWN.
3. APPLY ANTI-SIEZE PDQ P/N 08090008 TO DRIVE SHAFT AND KEY ON ALL MATING SURFACES WITH BEARING AND PULLEY BEFORE SECURING SHAFT, BEARING, PULLEY AND GEARBOX.
4. MOTOR POWER CABLE IS NOT FULLY SHOWN. CONNECT CABLE TO MOTOR TERMINALS PER WIRING LABEL YY-DIAGRAM FOR LOW VOLTAGE SUPPLIED WITH MOTOR. ADJUST TERMINAL JUMPERS PER YY-DIAGRAM FOR LOW VOLTAGE.
5. WHEN INSTALLING MOTOR CABLE THROUGH STRAIN RELIEF, ENSURE STRIPPED METAL SHIELD OF CABLE IS ALIGNED WITH AND GRIPPED BY THE METAL TABS INSIDE THE STRAIN RELIEF PRIOR TO TIGHTENING.




PICTORIAL PARTS CATALOG		
DESCRIPTION: BRIDGE DRIVE, LW360-PLUS LEFT HAND SHOWN; RIGHT HAND SIMILAR		
DWG. NO. 11170018	REV 02	SHEET 3 OF 3
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW</small> 		

ITEM	PART #	DESCRIPTION
1	06000038	BELT,HTD-8M,20X11000MM,BRIDGE-DRIVE
2	06300042	BLOCK,BELT-RETAINER,8mmPITCH,20mmWIDE
3	06140937	BRACKET,BELT-TENSIONING,BRIDGE,LW/TANDEM
4	06160473	COVER,BELT,RETAINER,MAX20mmWIDTH
5	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
6	71013-NCS	NUT,3/8-16,HEX,LOCK,SST

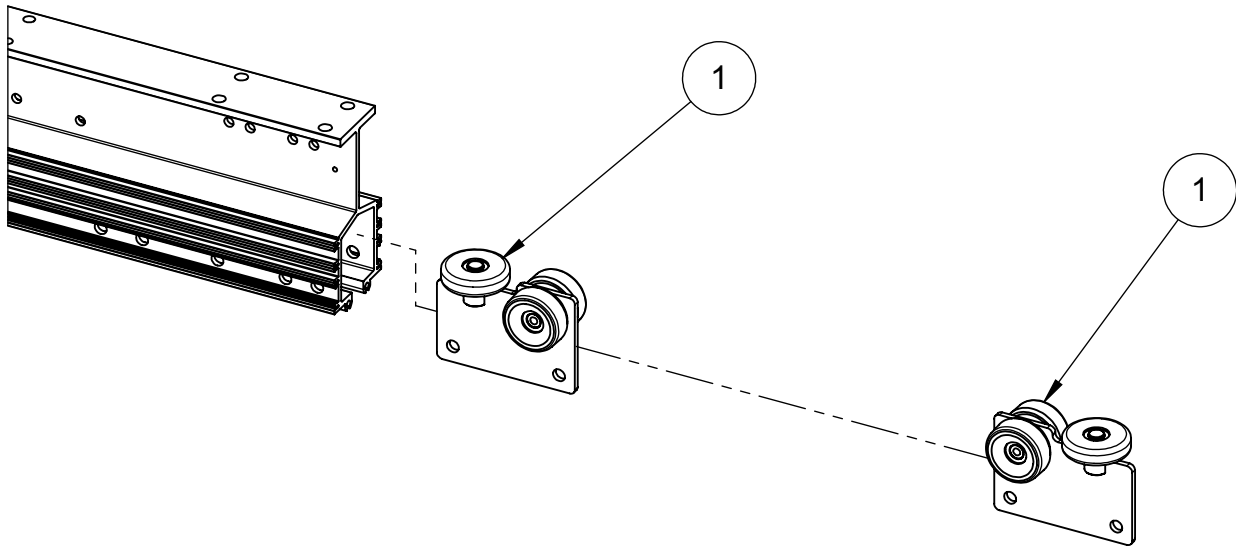
ITEM	PART #	DESCRIPTION
7	71013-HCS	NUT,3/8-16,HEX,SST
8	70111-HCS	SCREW,1/4-20x1.25,HHCS,SST
9	70181-HCS	SCREW,3/8-16x1.25,HHCS,SST
10	05040265	SCREW,3/8-16x4.00,HHCS,FULL-THD,SST
11	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST
12	05030016	WASHER,M6,FLAT,SST



RIGHT SIDE RAIL IS SHOWN

PICTORIAL PARTS CATALOG		
DESCRIPTION: BRIDGE BELT AND TRUCKS		
DWG. NO. 11080112	REV 00	SHEET 1 OF 2
 VEHICLE WASH SYSTEMS		
PART OF OPW		

ITEM	PART #	DESCRIPTION
1	11150048	TRUCK,BRIDGE,LASERWASH/LASERJET



PICTORIAL PARTS CATALOG

DESCRIPTION:
BRIDGE BELT AND TRUCKS

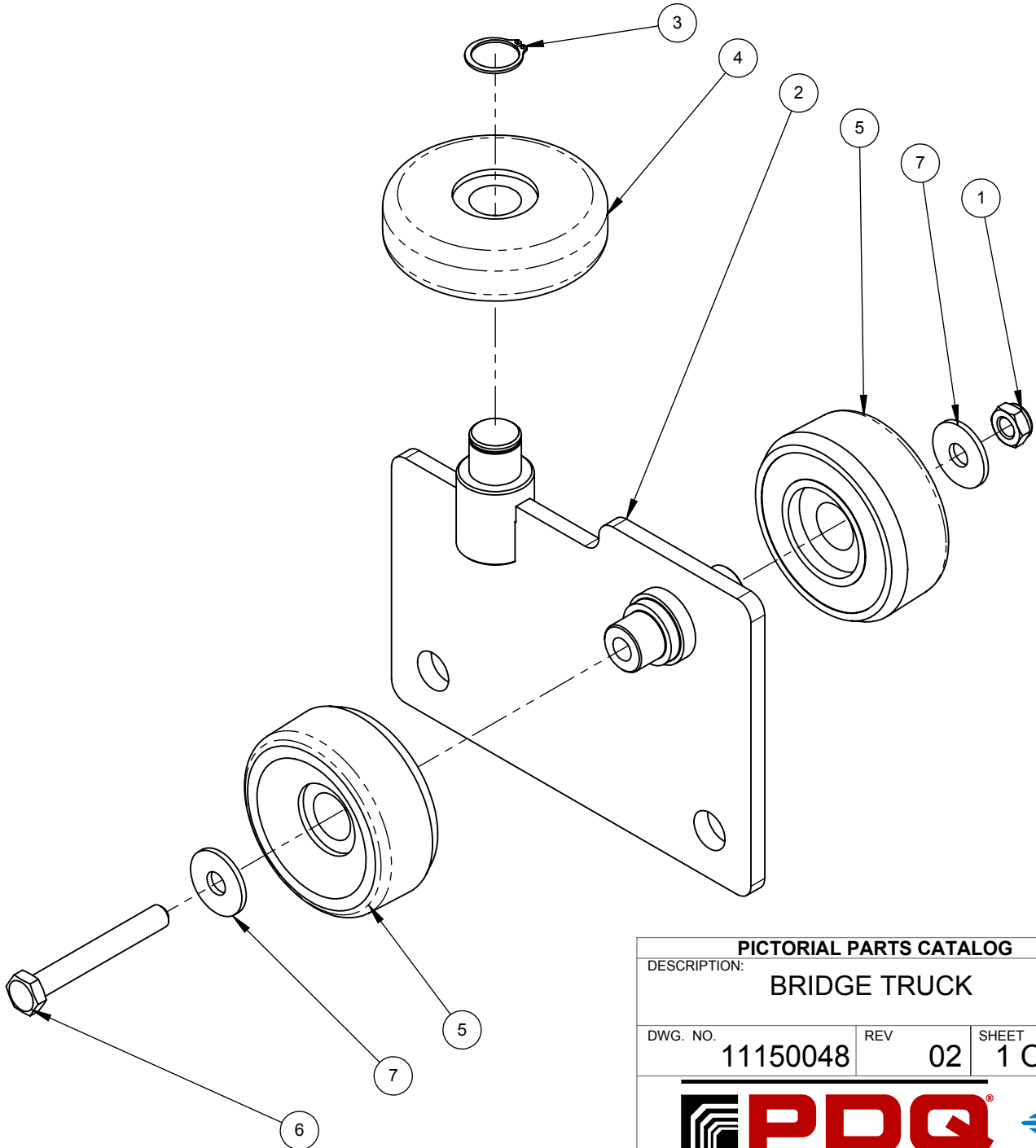
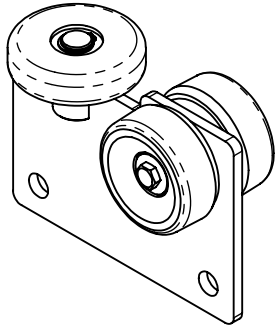
DWG. NO.	REV	SHEET
11080112	00	2 OF 2




VEHICLE WASH SYSTEMS

PART OF OPW DOVER COMPANY

ITEM	PART #	DESCRIPTION
1	05020074	NUT,5/16-18,HEX,LOCK,JAM,SST
2	06240328	PLATE,BRIDGE-TRUCK,LASERWASH
3	05120030	RETAINING-RING,17mm,EXT,SST
4	06170003	ROLLER,HORIZONTAL,2.88,DELTRIN,W/BEARING
5	06170008	ROLLER,TAPERED,2.66,DELTRIN,W/BEARING
6	05040261	SCREW,5/16-18x2.375,HHCS,SST
7	05030018	WASHER,M8,FENDER,SST



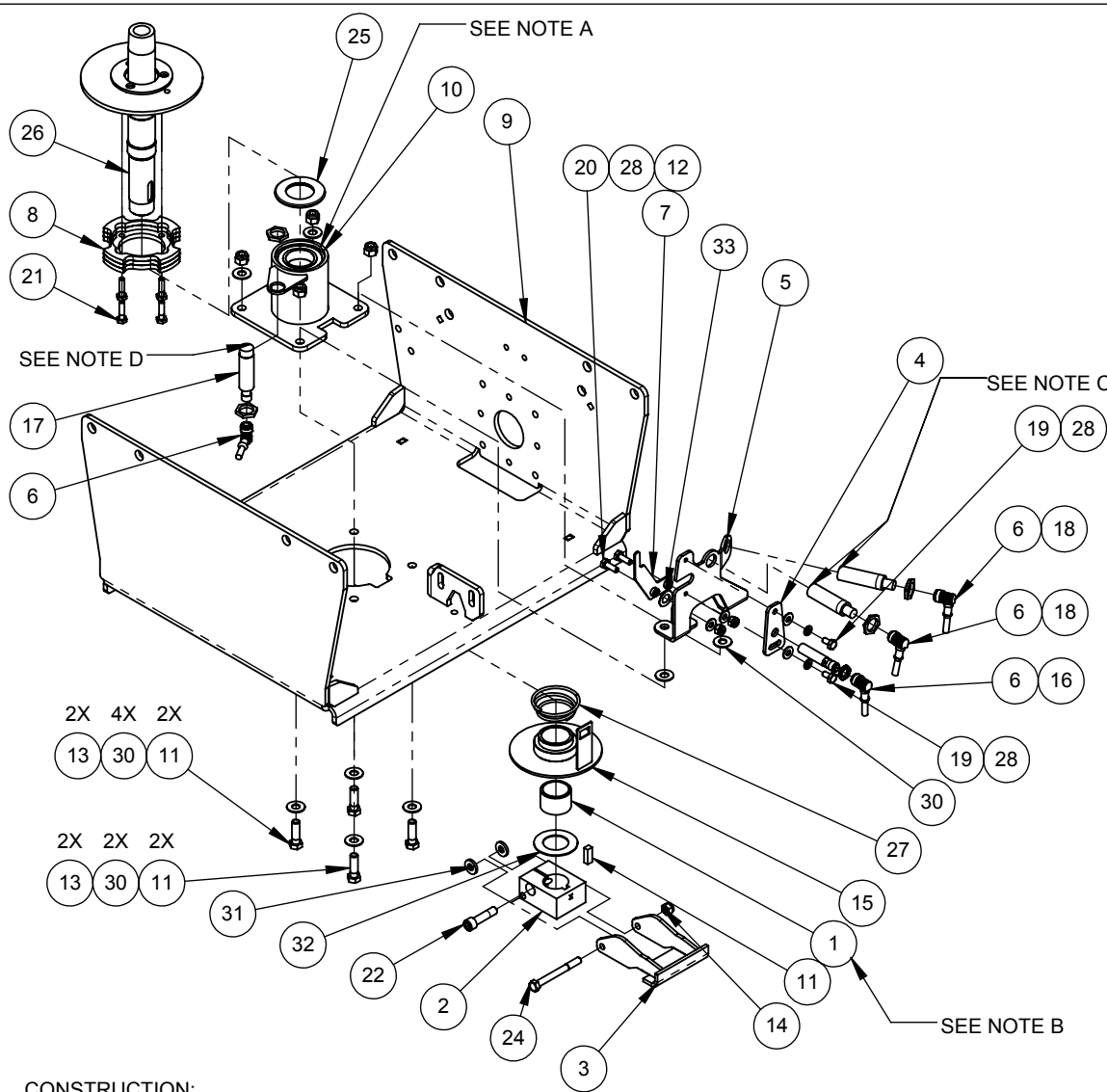
PICTORIAL PARTS CATALOG

DESCRIPTION: **BRIDGE TRUCK**

DWG. NO.	REV	SHEET
11150048	02	1 OF 1

PDQ
VEHICLE WASH SYSTEMS



PART OF OPW



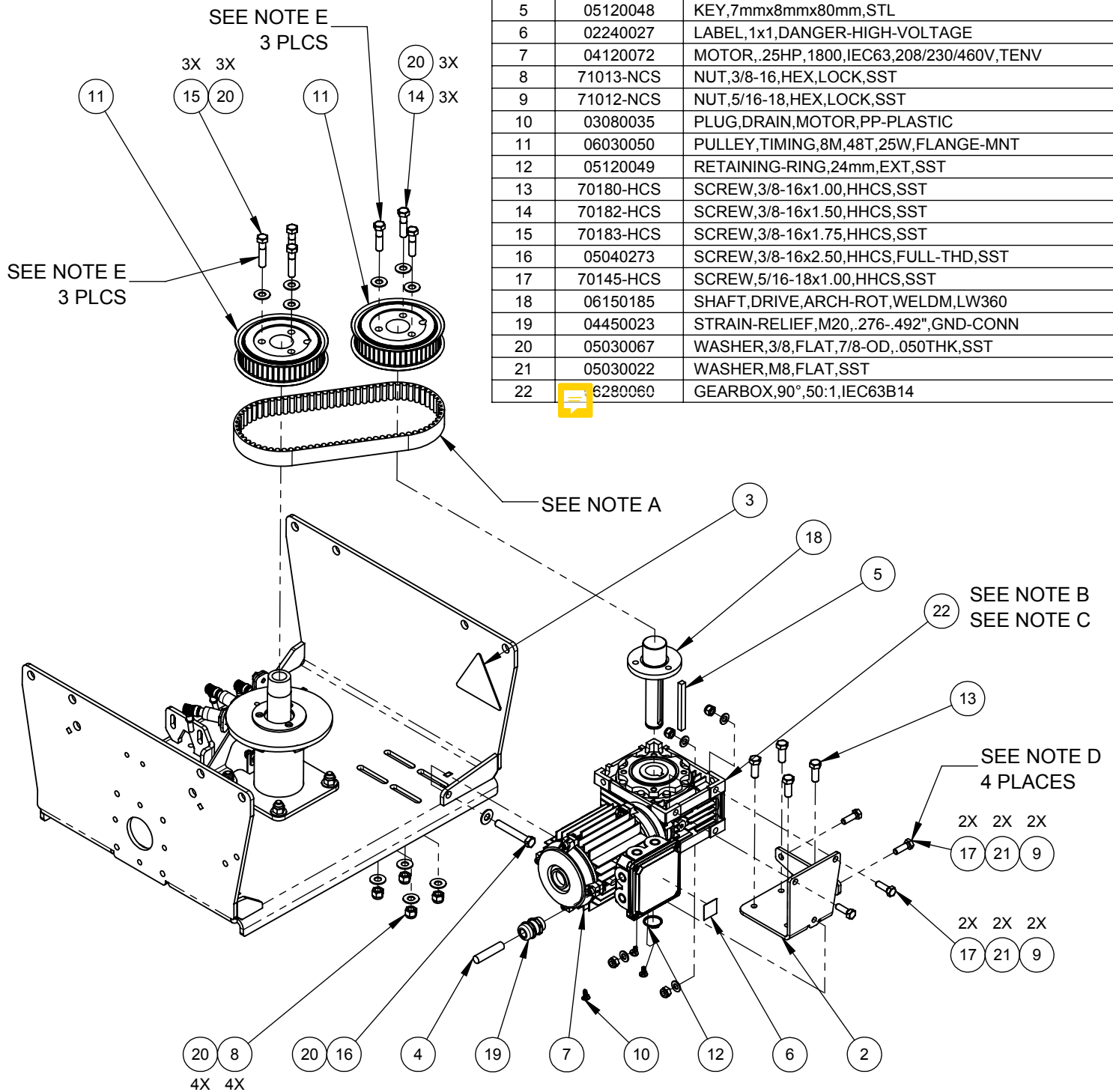
ITEM	PART #	DESCRIPTION
1	06010046	BEARING,SLEEVE,1.25"-IDx1"-LONG,PLSTC
2	06340040	BLOCK,CLAMP,SPRAY-ARCH,LASERWASH
3	06140871	BRACKET,FLAGLIFT,ARCH-IMPACT,LASERWASH
4	06141297	BRACKET,PROX,ARCH-IMPACT,ADJUST,LW360P
5	06141293	BRACKET,SENSOR,ARCH,ROTATE/IMPACT,LW360P
6	04080093	CORDSET,12mm,3/20AWG,90°,6m
7	06480066	FLAG,ARCH-IMPACT,PIVOTING,LEFT,LW360P
8	06480063	FLAG,PULSE,NAVIG,SST,WELDMNT,LW360PLUS
9	06250140	FRAME,TROLLEY,SPRAY-ARCH,WELDMNT,LW360P
10	06050124	HOUSING,BEARING,ARCH-ROT,PROX-MNT,LW360P
11	05120043	KEY,.250x.313x.875",SST
12	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
13	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
14	71012-NCS	NUT,5/16-18,HEX,LOCK,SST
15	06240367	PLATE,LIFT,FLAG,ARCH-IMPACT,LASERWASH
16	93020	PROX,12mm,SHLD,10-30VDC,NPN
17	04070025	PROX,18mm,12-24VDC,ANALOG,UNSLD
18	93021	PROX,18mm,SHLD,10-30VDC,NPN,LONG
19	70106-HCS	SCREW,1/4-20x.50,HHCS,SST
20	70108-HCS	SCREW,1/4-20x.75,HHCS,SST
21	70110-HCS	SCREW,1/4-20x1.00,HHCS,SST
22	05040396	SCREW,3/8-16X1.50,HSNCS,SST,.50-THD-LG
11	70181-HCS	SCREW,3/8-16x1.25,HHCS,SST
24	70153-HCS	SCREW,5/16-18x3.00,HHCS,SST
25	06070049	SEAL,LIP,ARCH-ROTATE-SHAFT,38x62x4mmTALL
26	06150183	SHAFT,ARCH-ROTATE,HOLLOW,WELD,SST,LW360P
27	06350026	SPRING,CONICAL,ARCH-IMPACT,LASERWASH
28	71511-FS	WASHER,1/4,FLAT,SST
29	71511-LS	WASHER,1/4,LOCK,SST
30	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST
31	71512-XS	WASHER,5/16,FLAT,SST,EXTRA-HEAVY
32	06200069	WASHER,THRUST,1.25x2.13x.0585,PLSTC
33	05030066	WASHER,WAVE,.46"IDx.85"OD,SST

CONSTRUCTION:

- A. FILL CAVITY BETWEEN LIP SEAL AND BEARING WITH WHITE LITHIUM GREASE (PDQ# 45080)
- B. USE PRESS AND INSTALL BEARING INTO THE BORE, CHAMFERED EDGE FIRST. APPLY THIN LAYER OF WHITE LITHIUM GREASE (PDQ# 45080) BETWEEN BEARING AND SHAFT.
- C. SET THE GAP BETWEEN HEAD OF SENSORS (PDQ #93021) AND FLAG THICKEST SPOT (PDQ #06150183 WELDMNT) TO .063" (1/16). VERIFY BY ROTATING THE FLAG ATTACHED TO SHAFT TO MAKE SURE NO INTERFERENCE.
- D. SET THE GAP BETWEEN HEAD OF SENSOR (PDQ #04070025) AND FLAG (PDQ #06480063) TO .063" (1/16). VERIFY BY ROTATING THE FLAG WELDED TO ARCH SHAFT TO MAKE SURE NO INTERFERENCE.




PICTORIAL PARTS CATALOG		
DESCRIPTION: TROLLEY ASSEMBLY, LW360-PLUS ARCH SHAFT & SENSOR		
DWG. NO. 11220044	REV 02	SHEET 1 OF 6
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small> 		

ITEM	PART #	DESCRIPTION
1	06020048	BELT, TIMING, 8mmP-25mm, 720mmL, NEOPRENE
2	06141291	BRACKET, GEARBOX, ARCH-ROT, MOTOV, LW360PLUS
3	02030341	DECAL, WARNING, PINCHING-HAZARD
4	04080589	HARNESS, ARCH-ROTATE, MOTOR, LW360P
5	05120048	KEY, 7mmx8mmx80mm, STL
6	02240027	LABEL, 1x1, DANGER-HIGH-VOLTAGE
7	04120072	MOTOR, .25HP, 1800, IEC63, 208/230/460V, TENV
8	71013-NCS	NUT, 3/8-16, HEX, LOCK, SST
9	71012-NCS	NUT, 5/16-18, HEX, LOCK, SST
10	03080035	PLUG, DRAIN, MOTOR, PP-PLASTIC
11	06030050	PULLEY, TIMING, 8M, 48T, 25W, FLANGE-MNT
12	05120049	RETAINING-RING, 24mm, EXT, SST
13	70180-HCS	SCREW, 3/8-16x1.00, HHCS, SST
14	70182-HCS	SCREW, 3/8-16x1.50, HHCS, SST
15	70183-HCS	SCREW, 3/8-16x1.75, HHCS, SST
16	05040273	SCREW, 3/8-16x2.50, HHCS, FULL-THD, SST
17	70145-HCS	SCREW, 5/16-18x1.00, HHCS, SST
18	06150185	SHAFT, DRIVE, ARCH-ROT, WELDM, LW360
19	04450023	STRAIN-RELIEF, M20, .276-.492", GND-CONN
20	05030067	WASHER, 3/8, FLAT, 7/8-OD, .050THK, SST
21	05030022	WASHER, M8, FLAT, SST
22	6280060	GEARBOX, 90°, 50:1, IEC63B14



CONSTRUCTION:

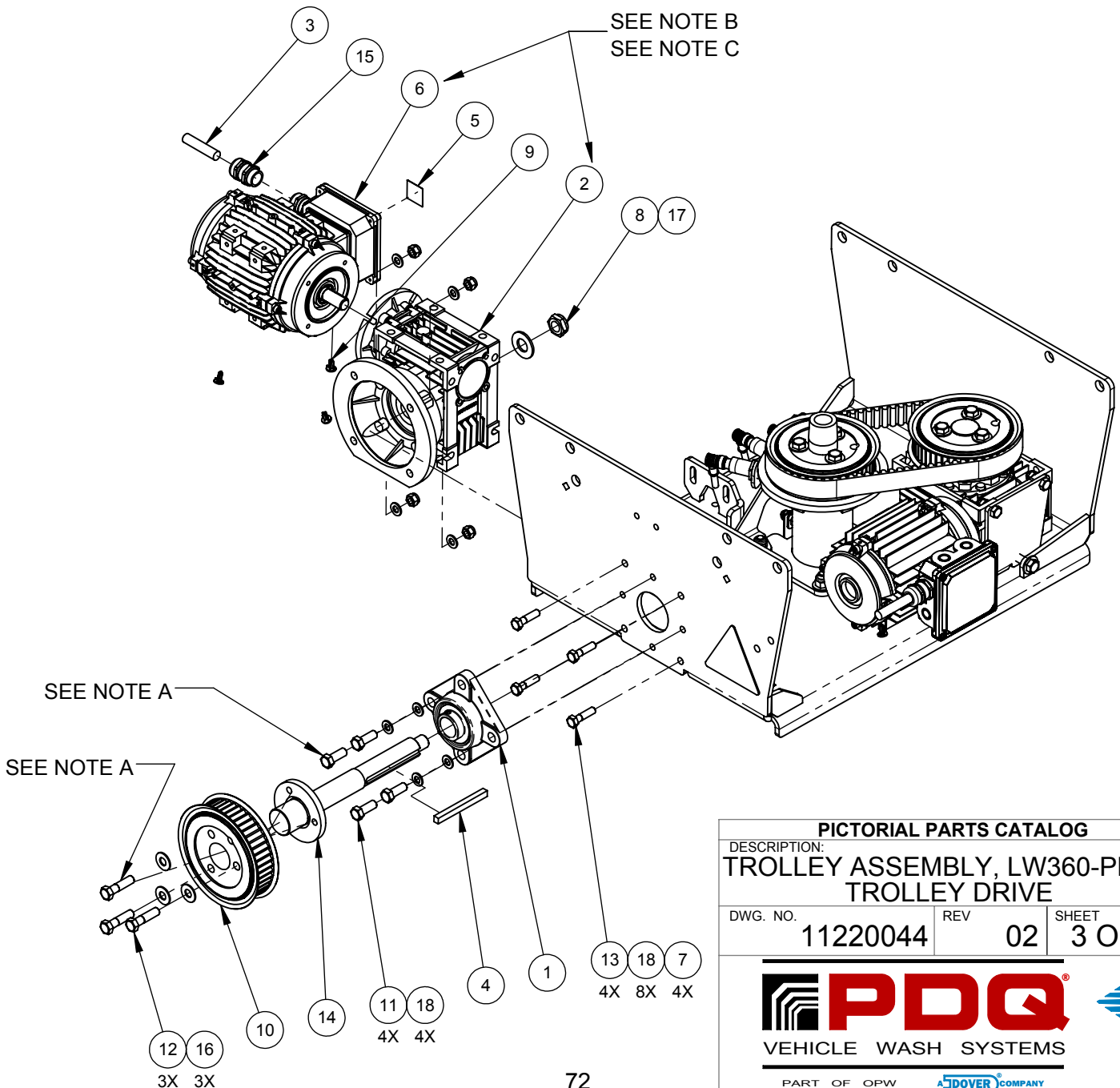
- A. BELT TO BE TIGHTENED TO 15FT-LB +/- 2 LB @ 3/8" DEFLECTION AFTER TESTING OF SENSORS
- B. APPLY LOCTITE MOLY 50 LUBRICANT, PDQ # 08090008, TO MOTOR FACE AND SHAFT BEFORE ASSEMBLY TO GEARBOX. APPLY MEDIUM STRENGTH THREAD LOCKER, BLUE LOCTITE 243 (PDQ # 90043) TO SCREWS.
- C. JUNCTION BOX INSTALLATION SCREWS TO BE TIGHTENED TO 13 IN-LBS. JUNCTION BOX COVER SCREWS TO BE TIGHTENED TO 13 IN-LBS.
- D. APPLY HIGH STRENGTH THREAD LOCKER, RED LOCTITE #263 (PDQ # 90039) TO SCREW THREADS ENGAGING WITH THE BRACKET (PDQ #06141291), WHEN FULLY THREADED IN. DO NOT APPLY TO ASSOCIATED FASTENERS
- E. APPLY MEDIUM STRENGTH THREAD LOCKER, BLUE LOCTITE #243 (PDQ # 90043)

PICTORIAL PARTS CATALOG		
DESCRIPTION: TROLLEY ASSEMBLY, LW360-PLUS ARCH ROTATE DRIVE		
DWG. NO. 11220044	REV 02	SHEET 2 OF 6
		
VEHICLE WASH SYSTEMS		
PART OF OPW		

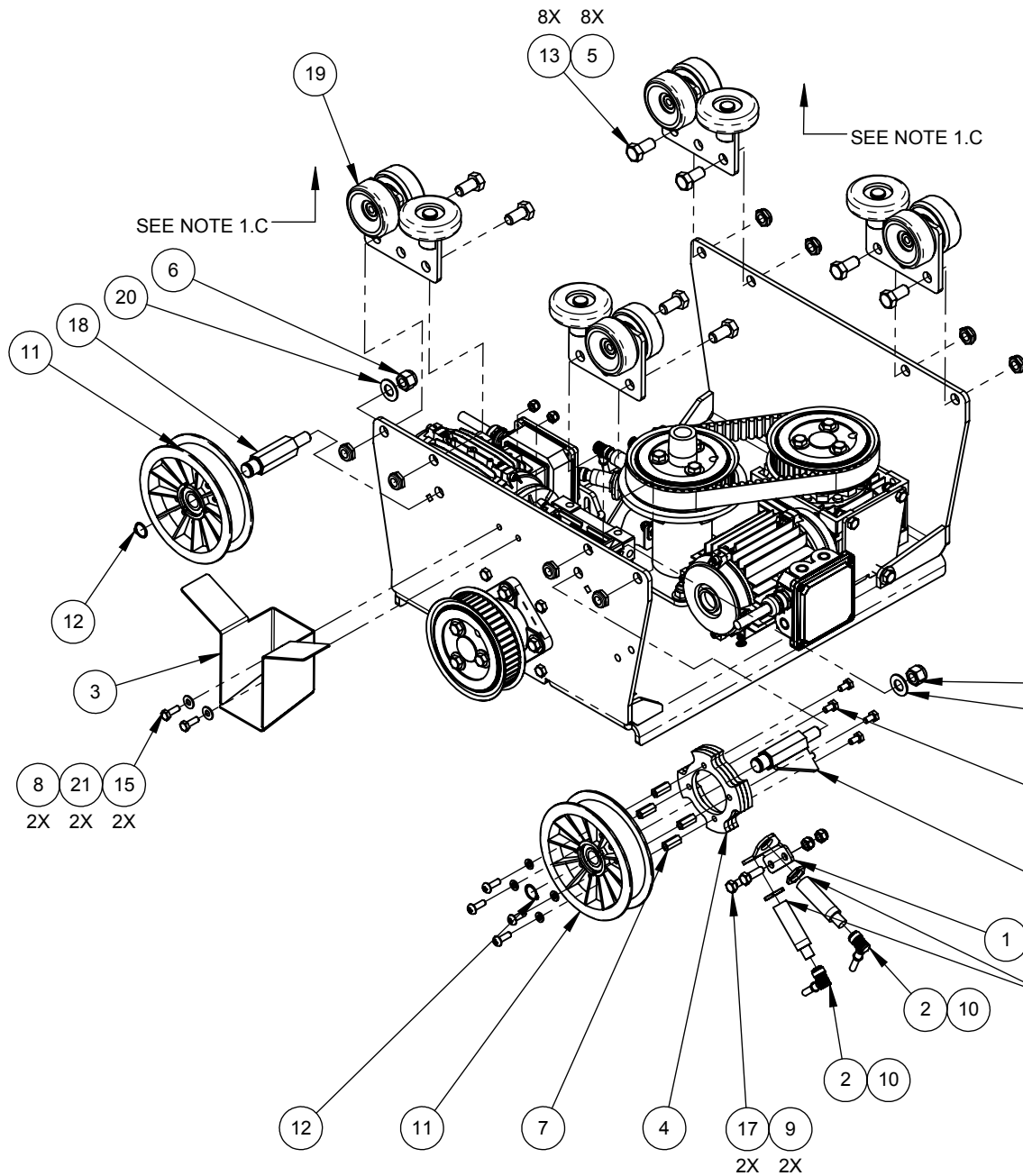
CONSTRUCTION:

- A. APPLY MEDIUM STRENGTH THREAD LOCKER, BLUE LOCTITE #243 (PDQ # 90043)
- B. APPLY LOCTITE MOLY 50 LUBRICANT, PDQ # 08090008, TO MOTOR FACE AND SHAFT BEFORE ASSEMBLY TO GEARBOX. APPLY MEDIUM STRENGTH THREAD LOCKER, BLUE LOCTITE #243 (PDQ # 90043) TO SCREWS.
- C. JUNCTION BOX INSTALLATION SCREWS TO BE TIGHTENED TO 13 IN-LBS. JUNCTION BOX COVER SCRES TO BE TIGHTENED TO 13 IN-LBS

ITEM	PART #	DESCRIPTION
1	06010065	BEARING,FLANGE,4BOLT,1.000"BORE,ABT
2	06280057	GEARBOX,RTANG,20:1,IEC71,MRVC
3	04080588	HARNESS,TROLLEY,MOTOR,LW360PLUS
4	05120029	KEY,8x7x80mm,18-8-SST,UNDERSIZED
5	02240027	LABEL,1x1,DANGER-HIGH-VOLTAGE
6	04120068	MOTOR,.5HP,1680,IEC71,208/460,TENV,FL
7	71012-NCS	NUT,5/16-18,HEX,LOCK,SST
8	05020077	NUT,5/8-11,HEX,LOCK,JAM,SST
9	03080035	PLUG,DRAIN,MOTOR,PP-PLASTIC
10	06030050	PULLEY,TIMING,8M,48T,25W,FLANGE-MNT
11	70180-HCS	SCREW,3/8-16x1.00,HHCS,SST
12	70182-HCS	SCREW,3/8-16x1.50,HHCS,SST
13	70146-HCS	SCREW,5/16-18x1.25,HHCS,SST
14	06150184	SHAFT,DRIVE,TROLLEY/BRIDGE,WELDM,LW360P
15	04450023	STRAIN-RELIEF,M20,.276-.492",GND-CONN
16	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST
17	71517-FS	WASHER,5/8,FLAT,SST
18	05030022	WASHER,M8,FLAT,SST





PICTORIAL PARTS CATALOG		
DESCRIPTION: TROLLEY ASSEMBLY, LW360-PLUS, TROLLEY DRIVE		
DWG. NO. 11220044	REV 02	SHEET 3 OF 6
VEHICLE WASH SYSTEMS		
PART OF OPW		DOVER COMPANY

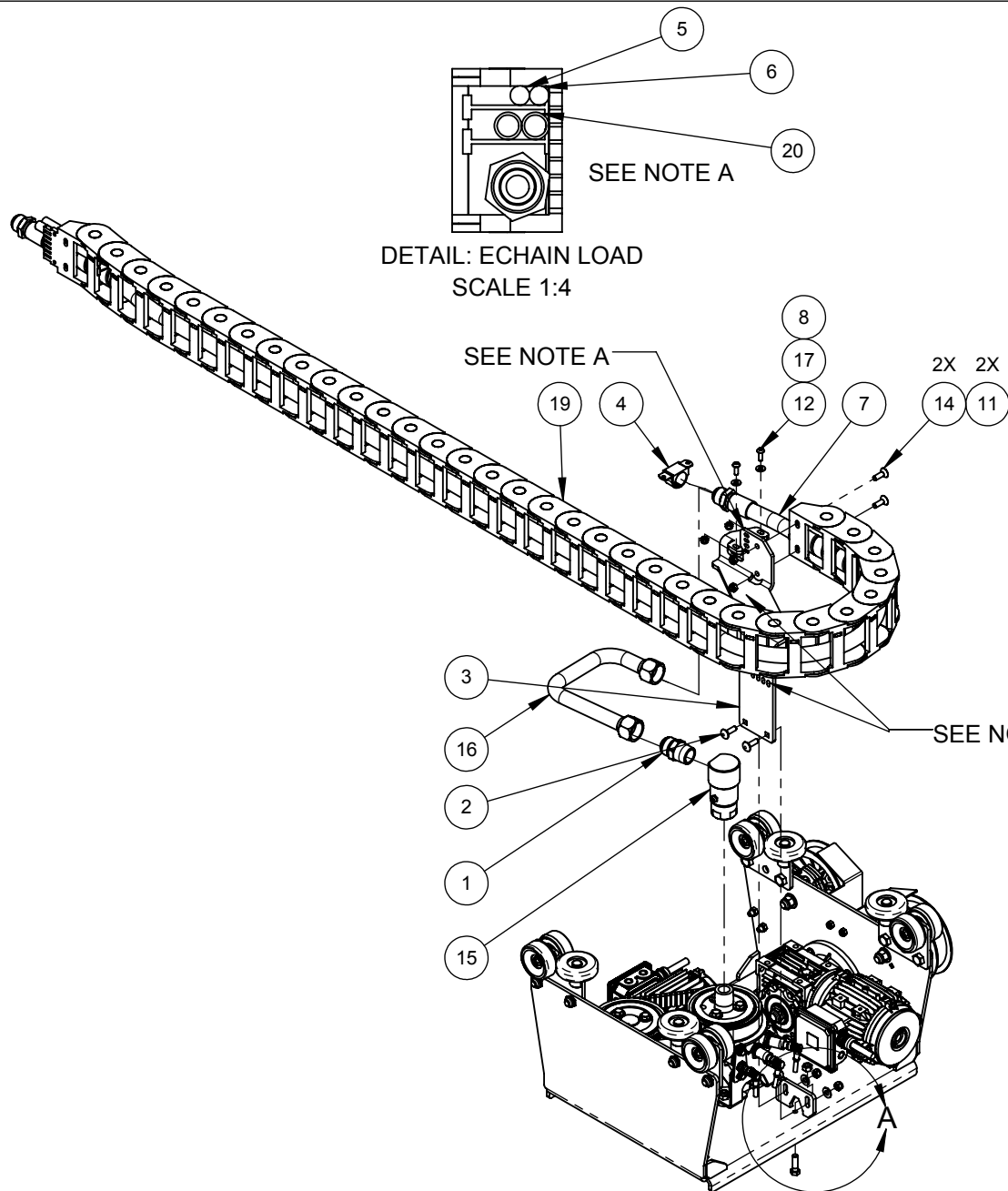


ITEM	PART #	DESCRIPTION
1	06141284	BRACKET,PROX-MOUNT,NAVIG,TROLLEY,LW360P
2	04080093	CORDSET,12mm,3/20AWG,90°,6m
3	06160479	COVER,TROLLEY,DRIVE,AL,LW360P
4	06480063	FLAG,PULSE,NAVIG,SST,WELDMENT,LW360PLUS
5	05020076	NUT,1/2-13,HEX,LOCK,JAM,SST
6	71015-NCS	NUT,1/2-13,HEX,LOCK,SST
7	71011-CCS	NUT,1/4-20,CPLG,SST
8	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
9	71012-NCS	NUT,5/16-18,HEX,LOCK,SST
10	93021	PROX,18mm,SHLD,10-30VDC,NPN,LONG
11	06030043	PULLEY,IDLER,5.0"x1.25",FLAT,PLSTC
12	05120030	RETAINING-RING,17mm,EXT,SST
13	70255-HCS	SCREW,1/2-13x1.00,HHCS,SST
14	70106-HCS	SCREW,1/4-20x.50,HHCS,SST
15	70108-HCS	SCREW,1/4-20x.75,HHCS,SST
16	70108-SCS	SCREW,1/4-20x.75,PPHMS,SST
17	70145-HCS	SCREW,5/16-18x1.00,HHCS,SST
18	06150169	SHAFT,IDLER,PULLEY,W/GUSSET,SST
19	11150051	TRUCK,TROLLEY,SIDE-BRUSH,ICON
20	71515-FS	WASHER,1/2,FLAT,SST,MIL-SPEC
21	71511-FS	WASHER,1/4,FLAT,SST
22	05030016	WASHER,M6,FLAT,SST

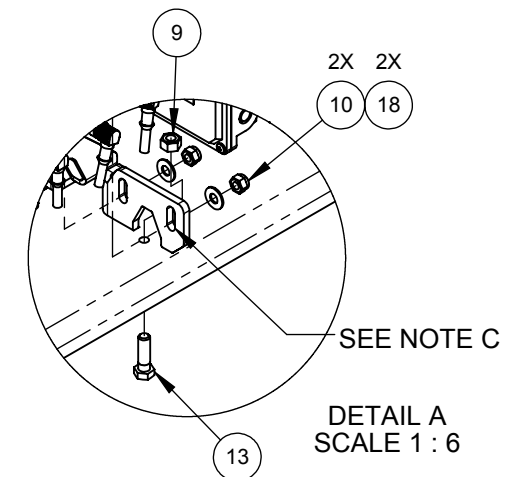
CONSTRUCTION:

- A. SET THE GAP BETWEEN HEAD OF SENSORS (PDQ #93021) AND FLAG (PDQ #06480063) TO .063" (1/16). VERIFY BY ROTATING THE FLAG ATTACHED TO IDLER PULEY TO MAKE SURE NO INTERFERENCE.
- B. WHEN ATTACHING TRUCKS TO THE FRAME, PUSH EACH TRUCK AND ITS FASTENERS UP AGAINST THE TOP OF HOLES, WHILE TIGHTENING EACH FOUR TRUCKS. 73

PICTORIAL PARTS CATALOG		
DESCRIPTION: TROLLEY ASSEMBLY, LW360-PLUS IDLERS AND TRUCKS		
DWG. NO. 11220044	REV 02	SHEET 4 OF 6
 VEHICLE WASH SYSTEMS <small>PART OF OPW</small> 		



ITEM	PART #	DESCRIPTION
1	03140044	ADAPTER,#16-MJICx1MPT,Z-PLT
2	05040262	BOLT,5/16-18x1.00,CARRIAGE,SST
3	06141280	BRACKET,E-CHAIN,TROLLEY,SST,LW360P
4	05050091	CLAMP,PIPE,3/4,VIBRATION-DAMP,SST/TPR
5	04080589	HARNESS,ARCH-ROTATE,MOTOR,LW360P
6	04080588	HARNESS,TROLLEY,MOTOR,LW360PLUS
7	03340133	HOSE,TROLLEY,HP,3/4x101.00",SPIRAL,LW360
8	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
9	71013-HCS	NUT,3/8-16,HEX,SST
10	71012-NCS	NUT,5/16-18,HEX,LOCK,SST
11	05020017	NUT,M8,HEX,LOCK,SST
12	70108-SCS	SCREW,1/4-20x.75,PPHMS,SST
13	70181-HCS	SCREW,3/8-16x1.25,HHCS,SST
14	05040097	SCREW,M8x25mm,PFHMS,SST
15	03240017	SWIVEL,90DEG,1FNPT,LASR
16	03270067	TUBE,HP,1",SST,U-SHAPE,TROLLEY,LW360P
17	71511-FS	WASHER,1/4,FLAT,SST
18	71512-FS	WASHER,5/16,FLAT,SST
19	06050125	E-CHAIN,TROLLEY,32-LINK,IGUS,LW360P
20	01120012	TUBING,5/8ODx1/2ID,POLYETHYLENE





CONSTRUCTION:

- A. SECURE ALL CABLES AND FLUID LINES TO ECHAIN ZIP TIE MOUNTS
- B. ROUTE ALL CABLES ON TOP OF THE ECHAIN BRACKET. SECURE EACH TO SLOTS ON THE TOP OF THE BRACKET AND AND THE SIDE. PROTECT FROM SHARP EDGES.
- C. ADJUST IN FINAL ASSEMBLY AS NECESSARY. THERE SHOULD BE SMALL GAP BETWEEN ECHAIN END BRACKET AND ROUND BAR SUPPORT.


PICTORIAL PARTS CATALOG

DESCRIPTION:
**TROLLEY ASSEMBLY, LW360-PLUS
 E-CHAIN**

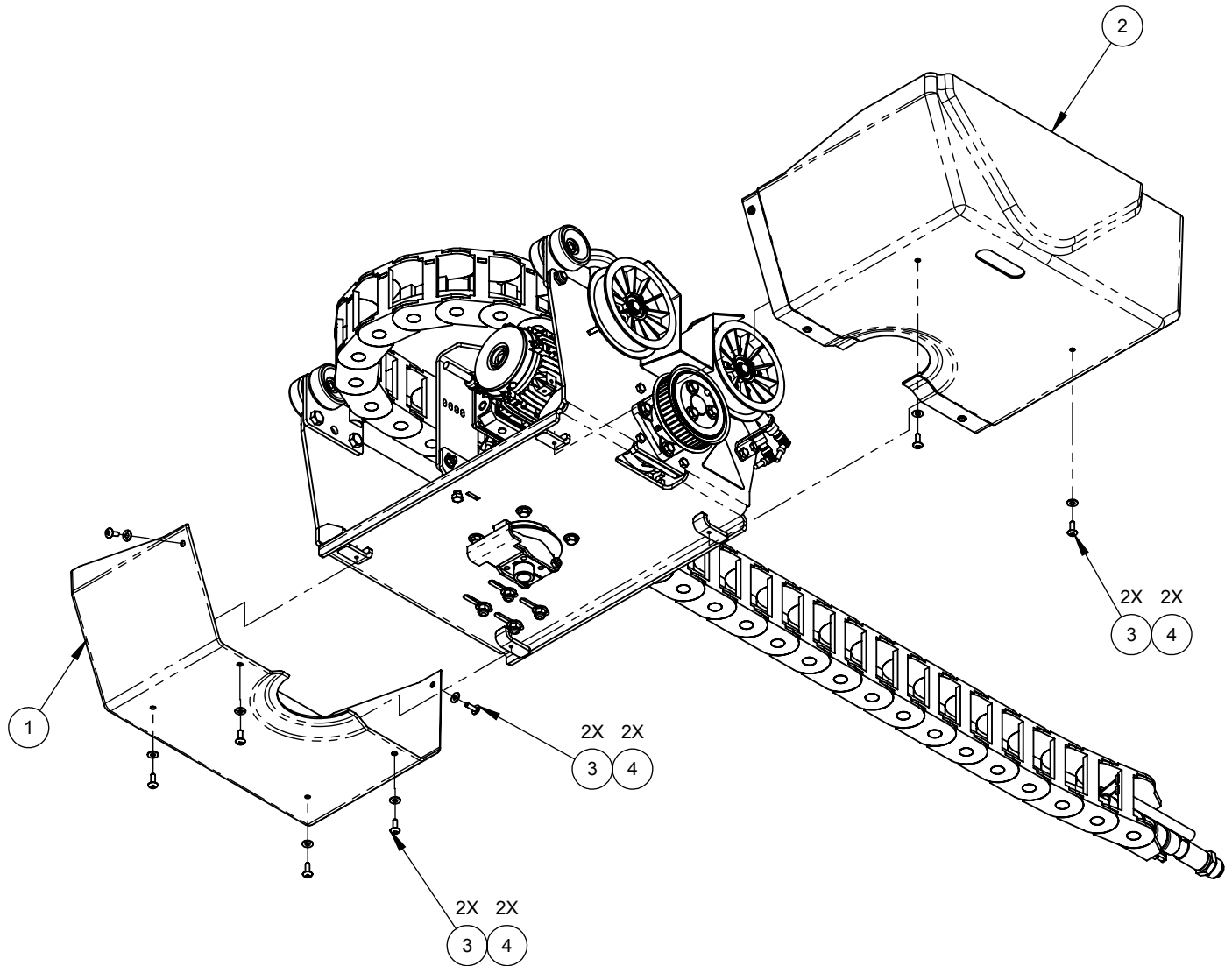
DWG. NO.	REV	SHEET
11220044	02	5 OF 6

VEHICLE WASH SYSTEMS

PART OF OPW 

ITEM	PART #	DESCRIPTION
1	06160480	COVER, TROLLEY, ENTRANCE, WHITE, ABS, LW360P
2	06160481	COVER, TROLLEY, EXIT, WHITE, ABS, LW360
3	05040133	SCREW, 1/4-20x.75, PTHMS, SST
4	71511-FS	WASHER, 1/4, FLAT, SST

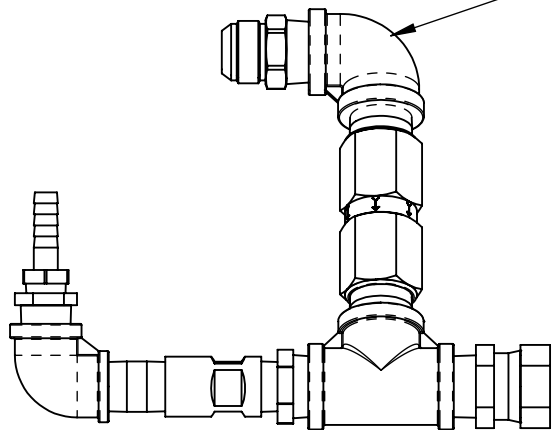


NOTE:
COVERS TO BE INSTALLED AFTER FINAL TESTING.

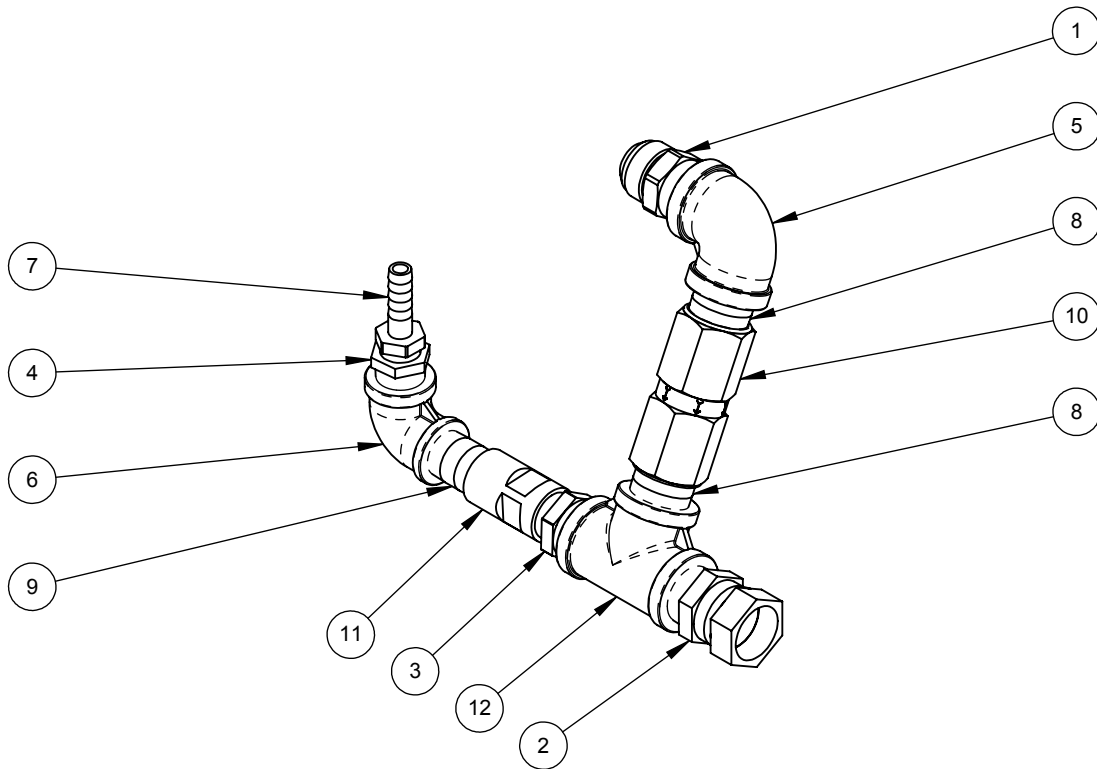
PICTORIAL PARTS CATALOG		
DESCRIPTION: TROLLEY ASSEMBLY, LW-360PLUS COVERS		
DWG. NO. 11220044	REV 02	SHEET 6 OF 6






TURN TOWARDS MAIN ECHAIN

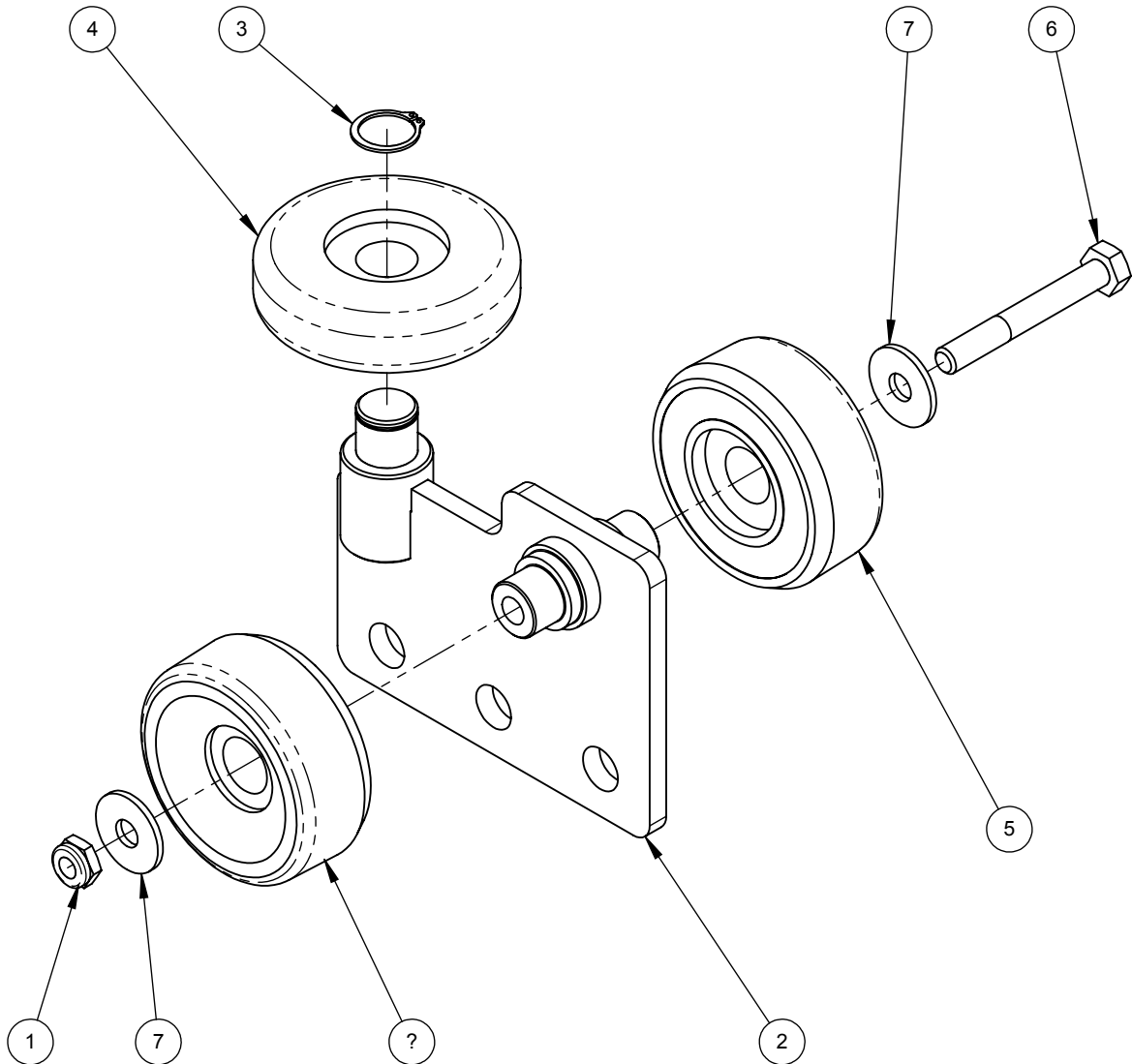




ITEM	PART #	DESCRIPTION
1	03140044	ADAPTER,#16-MJICx1MPT,Z-PLT
2	03140061	ADAPTER,1MNPTx#16JIC,SWIVEL,PLTS
3	67714-S	BUSHING,1NPTx3/4NPT,SST
4	67709-S	BUSHING,3/4NPTx1/2NPT,SST
5	67410-4S	ELBOW,1NPT,90DEG,SC40,SST,SP114
6	67408-4S	ELBOW,3/4NPT,90DEG,SC40,SST,SP114
7	68117-MS	HOSE-BARB,1/2Hx1/2MNPT,SST
8	67015-4S	NIPPLE,1NPTxCLOSE,SC40,SST
9	67014-B4S	NIPPLE,3/4NPTx2.00,SC40,SST
10	03010124	VALVE,CHECK,1NPT,1200PSI,BRS
11	03010144	VALVE,CHECK,3/4NPT,SST,2000PSI,F-M
12	67125-4S	TEE,1NPT,PIPE,SC40,SST,SP114



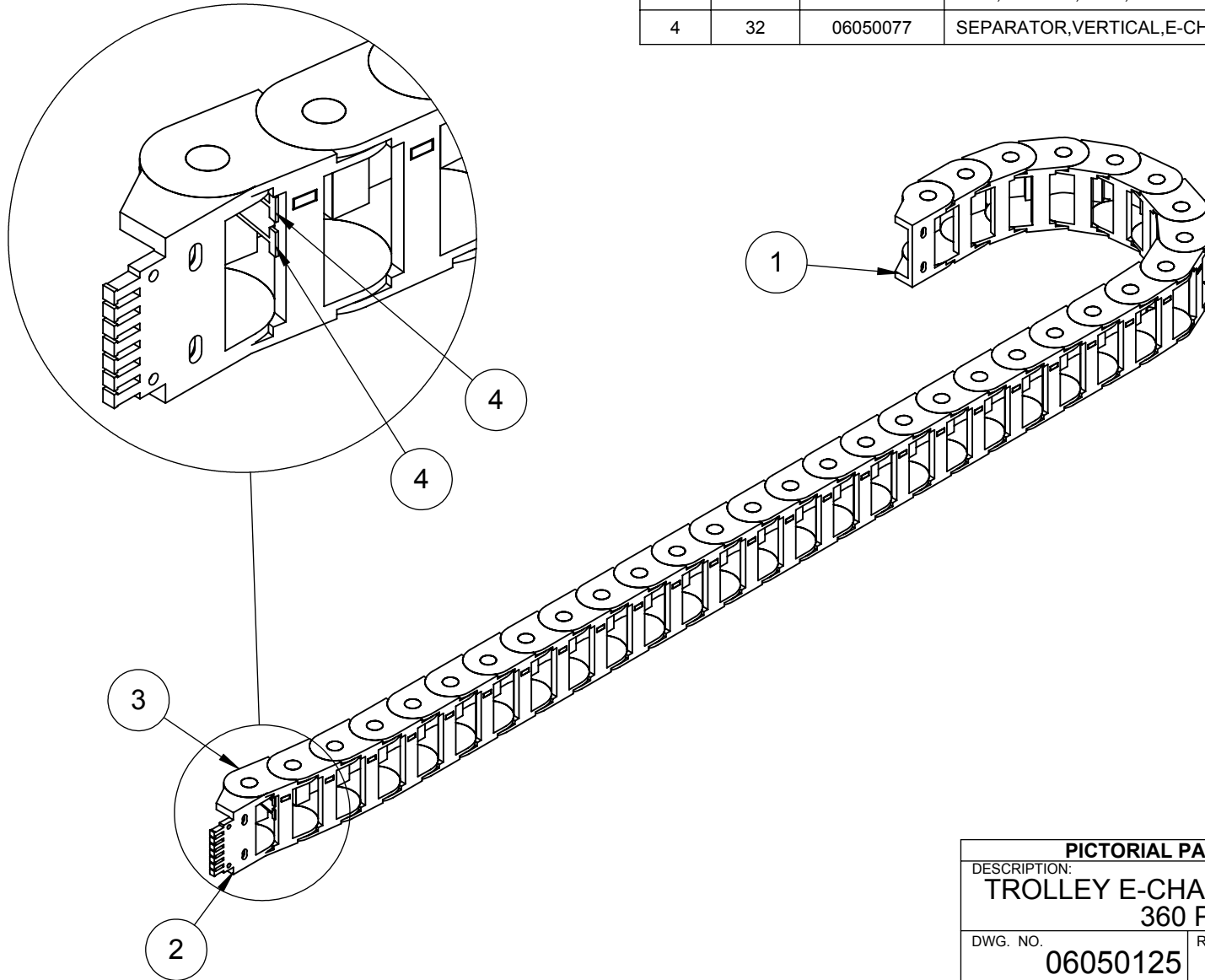
PICTORIAL PARTS CATALOG		
DESCRIPTION: MANIFOLD,TROLLEY-FEED,TEE, CONFIG,LW360P,CHECK VALVES		
DWG. NO.	REV	SHEET
11250272	01	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW</small>  COMPANY		



ITEM	PART #	DESCRIPTION
1	05020074	NUT,5/16-18,HEX,LOCK,JAM,SST
2	06240389	PLATE,TRUCK,TROLLEY,ICON
3	05120030	RETAINING-RING,17mm,EXT,SST
4	06170003	ROLLER,HORIZONTAL,2.88,DELTRIN,W/BEARING
5	06170008	ROLLER,TAPERED,2.66,DELTRIN,W/BEARING
6	05040261	SCREW,5/16-18x2.375,HHCS,SST
7	05030018	WASHER,M8,FENDER,SST



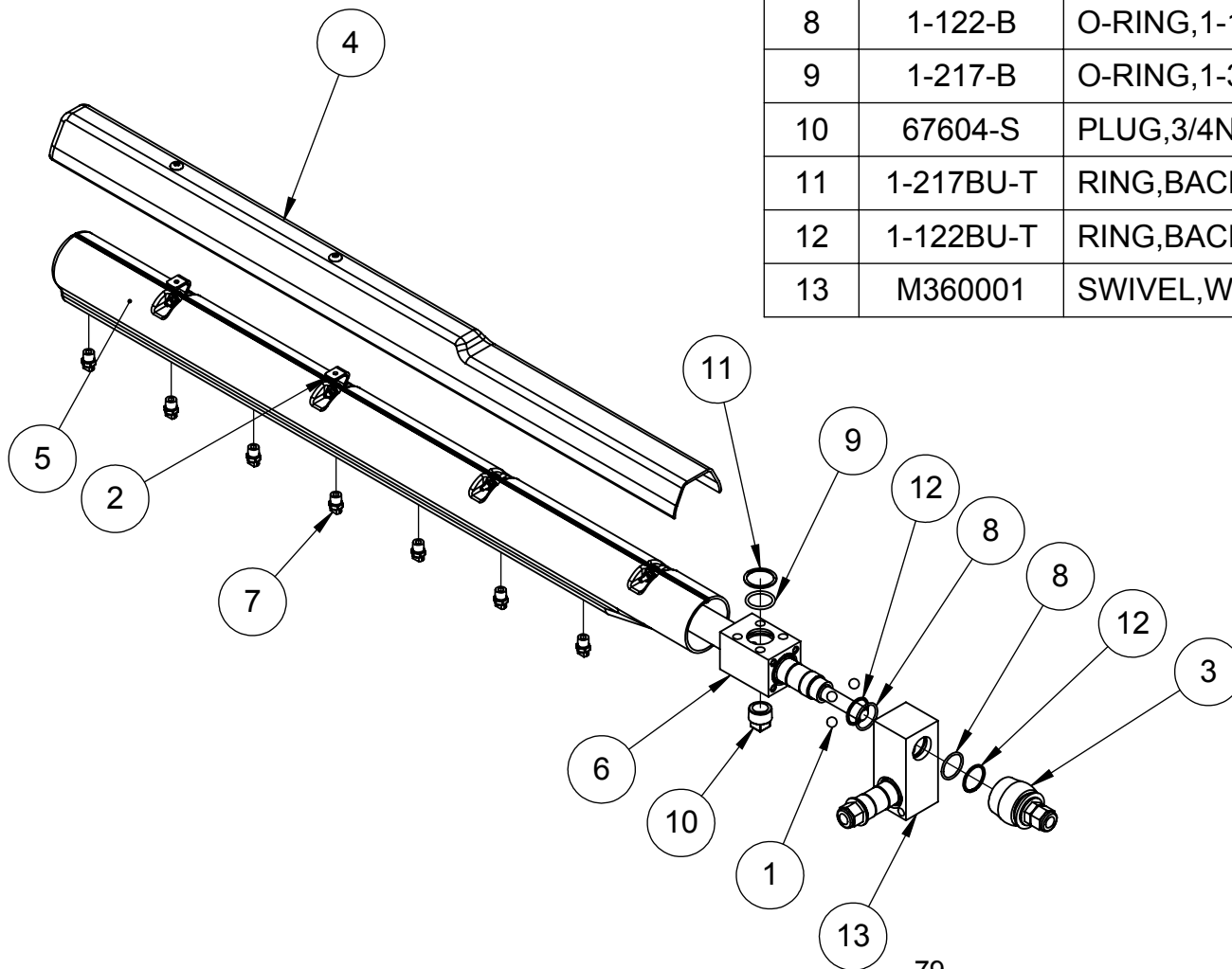
PICTORIAL PARTS CATALOG		
DESCRIPTION: TROLLEY TRUCK		
DWG. NO. 11150051	REV 00	SHEET 1 OF 1
		
VEHICLE WASH SYSTEMS		
PART OF OPW		DOVER COMPANY

ITEM	QTY.	PART #	DESCRIPTION
1	1	06050114	BRACKET,E-CHAIN,W/BORE,LOCKING,TRLY,LW
2	1	06050113	BRACKET,E-CHAIN,W/PIN,PIVOTING,TRLY,LW
3	32	06050085	LINK,E-CHAIN,IGUS,350-075-125
4	32	06050077	SEPARATOR,VERTICAL,E-CHAIN,IGUS#311




PICTORIAL PARTS CATALOG		
DESCRIPTION: TROLLEY E-CHAIN, LASERWASH 360 PLUS		
DWG. NO. 06050125	REV 01	SHEET 1 OF 1
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small>		<small>ADOVER COMPANY</small>



ITEM	PART #	DESCRIPTION
1	11825	BALL,7/16",440 SST
2	06140898	BRACKET,COVER,COMPANION,ARCH,LASERWASH
3	15087	BUMPER,COMPRESSION,1.95x1.78,ELASTOMER
4	06160367	COVER,ARCH,TOP,COMPANION,LASERWASH
5	06160373	COVER,ARCH,TOP,LASERWASH,DARK-BLUE
6	03220005	MANIFOLD,SPRAY-ARCH,TOP
7	64082-4M	NOZZLE,FAN,1504,1/4"NPT,SST
8	1-122-B	O-RING,1-1/8"ID,3/32"C/S,1-5/16"OD,BUNA
9	1-217-B	O-RING,1-3/16x1/8,BUNA
10	67604-S	PLUG,3/4NPT,SQ-HD,SST
11	1-217BU-T	RING,BACKUP,1/8"NOM,1.203"ID,.118"W TEF
12	1-122BU-T	RING,BACKUP,3/32NOM,1.143ID,.086,W TEF
13	M360001	SWIVEL,WELDED,BLOCK,SST

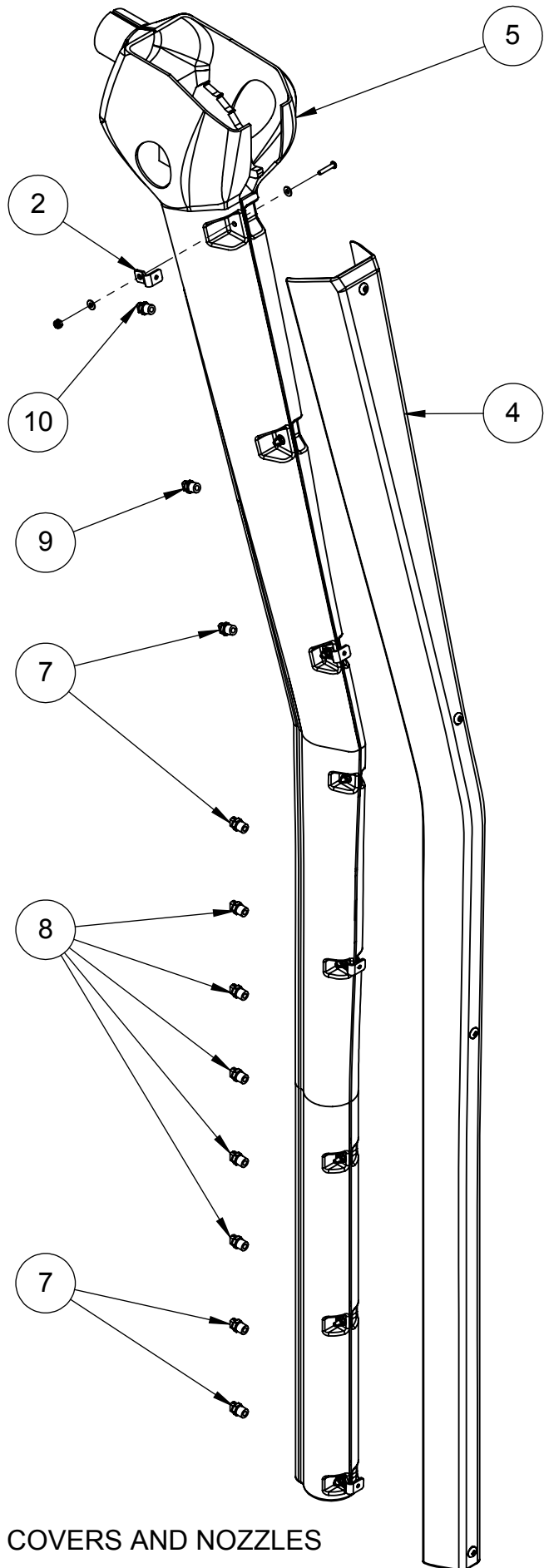


79

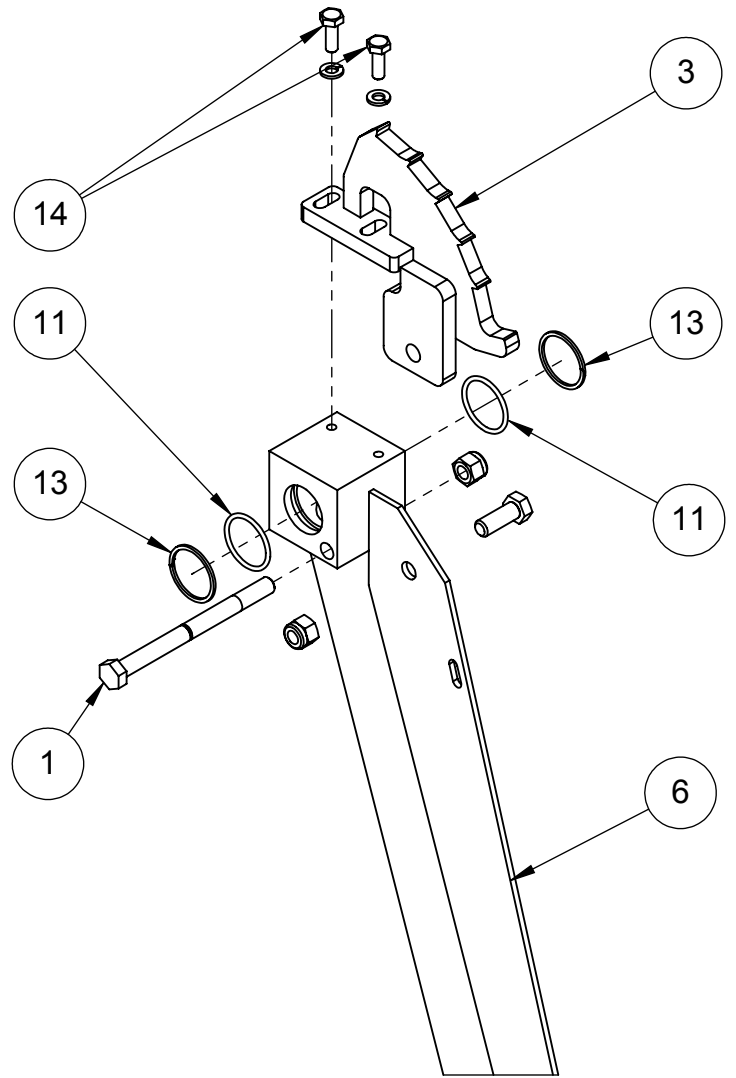
	Vehicle Wash Systems <small>A DOVER COMPANY</small>	
	DESCRIPTION: TOP ARCH	
PICTORIAL PARTS CATALOG - CONFIDENTIAL		
DWG. NO. 11130025	REV 01	

ITEM	PART #	DESCRIPTION
1	M690001	BOLT,SHEAR,3/8-16x4.50,SST,LW4K-ARCH
2	06140898	BRACKET,COVER,COMPANION,ARCH,LASERWASH
3	06140881	BRACKET,LATCH,ARCH-BREAKAWAY,LASERWASH
4	06160368	COVER,ARCH,SIDE,COMPANION,LASERWASH
5	06160374	COVER,ARCH,SIDE,LASERWASH,DARK-BLUE
6	03220144	MANIFOLD,SPRAY-ARCH,SIDE,LWM5/360
7	64082-4M	NOZZLE,FAN,1504,1/4"NPT,SST
8	64084-4M	NOZZLE,FAN,1505,1/4"NPT,SST
9	64116-4M	NOZZLE,FAN,2503,1/4"NPT,SST
10	64152-4M	NOZZLE,FAN,4003,1/4"NPT,SST
11	1-122-B	O-RING,1-1/8"ID,3/32"C/S,1-5/16"OD,BUNA
12	67601-S	PLUG,1/4NPT,SQ-HD,SST
13	1-122BU-T	RING,BACKUP,3/32NOM,1.143ID,.086,W TEF
14	70108-HCS	SCREW,1/4-20x.75,HHCS,SST

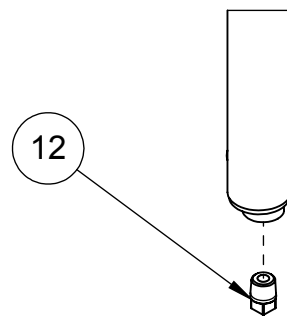
PICTORIAL PARTS CATALOG		
DESCRIPTION: SIDE SPRAY ARCH		
DWG. NO. 11130026	REV 04	SHEET 1 OF 2
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW A DOVER COMPANY</small>		



COVERS AND NOZZLES



UPPER ARCH



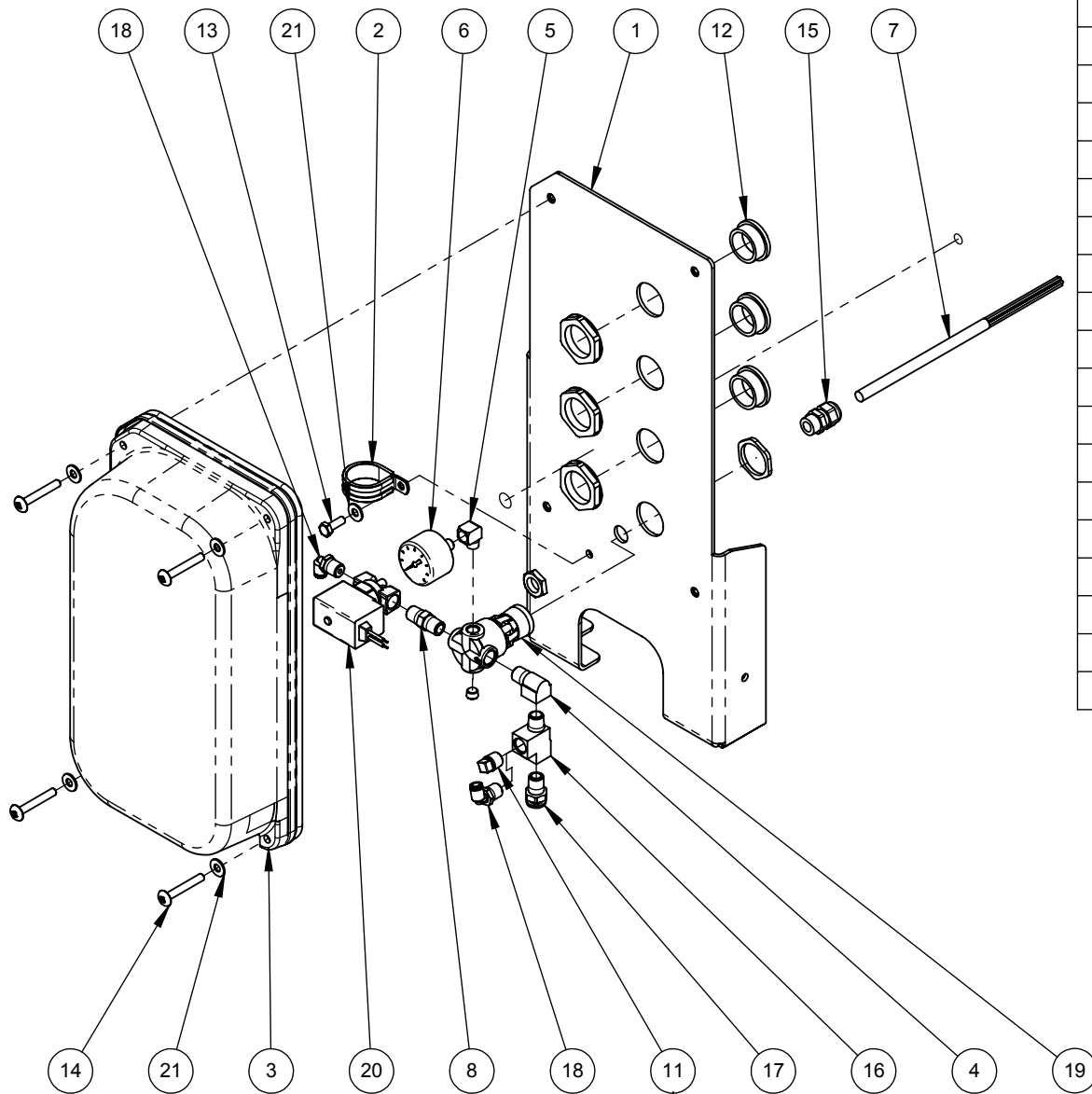
LOWER ARCH

PICTORIAL PARTS CATALOG		
DESCRIPTION: SIDE SPRAY ARCH		
DWG. NO.	REV	SHEET
11130026	04	2 OF 2






PART OF OPW

DOVER COMPANY



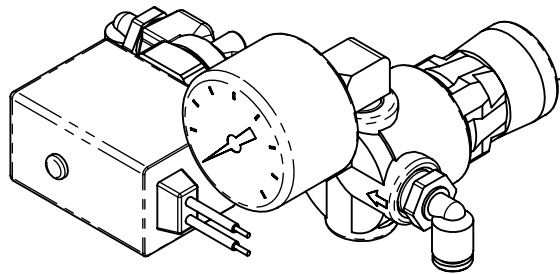
ITEM	PART #	DESCRIPTION
1	06141295	BRACKET, VALVE, PROTECTION, AL, LW360P
2	05050032	CLAMP, CABLE, CUSHION, 1-1/4", SST
3	11260122	COVER, ASSY, VALVE-PROTECTION, LW360P
4	67487-4B	ELBOW, STREET, 1/4NPT, 90DEG, SHORT, SC40, BRS
5	67485-4B	ELBOW, STREET, 1/8NPT, 90DEG, SC40, BRS
6	25031	GAUGE, PRES, 0-160PSI, 1/8NPT, CBM, 1.50"
7	04080592	HARNESS, VALVE, AIR, PROTECT, LW360P
8	67052-4B	NIPPLE, HEX, 1/4NPT, BRS
9	71011-NCS	NUT, 1/4-20, HEX, LOCK, SST
10	05020063	NUT, LOCK, M32x1.5, NYL, GREY
11	67603-B	PLUG, 1/4NPT, SQ-HD, BRS
12	04330011	PLUG, HOLE, M32x1.5, NYLON
13	70108-HCS	SCREW, 1/4-20x.75, HHCS, SST
14	05040202	SCREW, 1/4-20x1.75, PTHMS, SST
15	04450012	STRAIN-RELIEF, M16, .177-.394", PLSTC
16	67190-4B	TEE, 1/4NPT, MALE-RUN, SC40, BRS
17	24036-PB	TUBE-FTG, CONN, 3/8Tx1/4NPT, PUSH, BRS
18	24336-PB	TUBE-FTG, ELBOW, 1/4Tx1/4NPT, PUSH, BRS
19	26160	VALVE, REG, 1/4"NPT, 125PSI, W/NUT, MINI
20	03010140	VALVE, SOL, 2WAY, NC., 1/4"NPT, 24VAC, BRASS
21	71511-FS	WASHER, 1/4, FLAT, SST

PLUG USED WITH MACHINES
EQUIPPED WITH DETERGENT ONLY

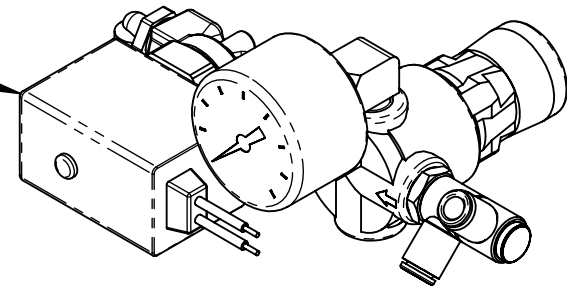
PICTORIAL PARTS CATALOG		
DESCRIPTION: FOAMING AIR VALVE PANEL FOR BASE COMPONENTS		
DWG. NO. 11030137	REV 02	SHEET 1 OF 2
		
VEHICLE WASH SYSTEMS		
PART OF OPW		

A - SINGLE ELBOW

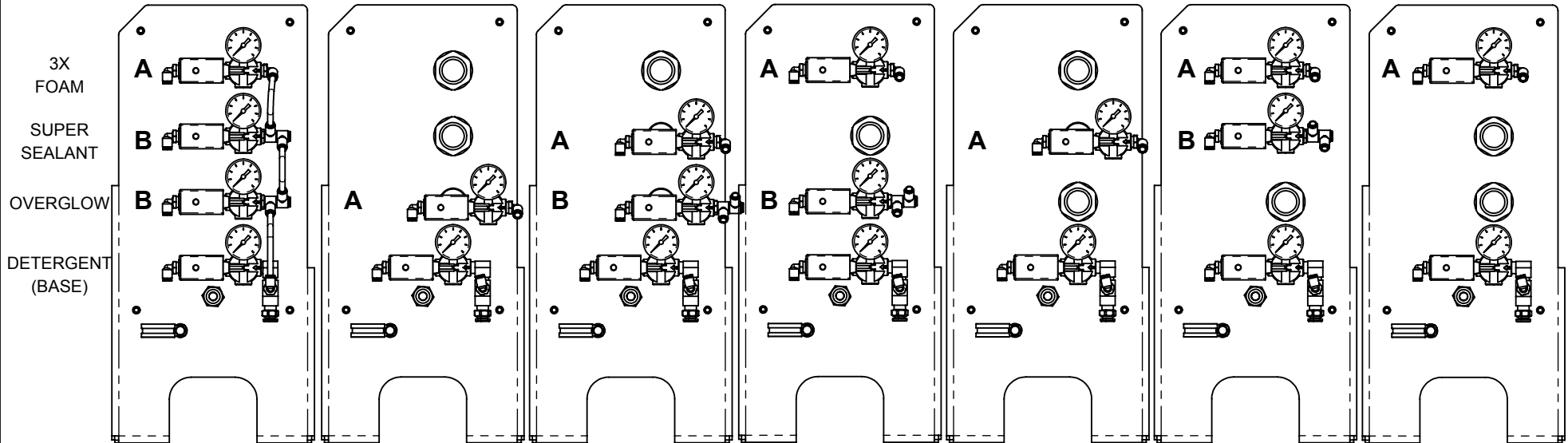
B - DOUBLE ELBOW



SEE 11030136
FOR VALVE
ASSEMBLY
COMPONENTS



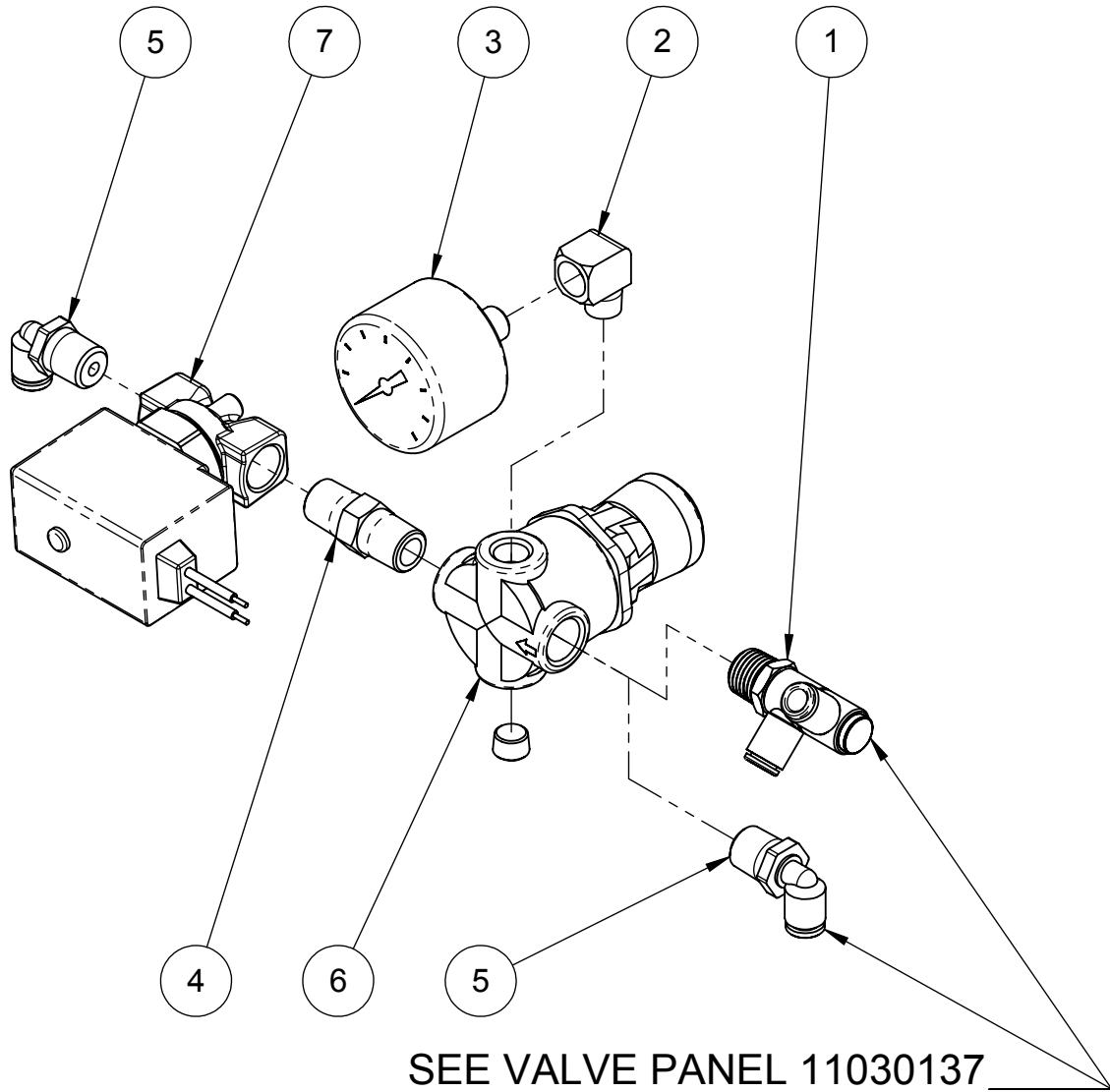
- 1 3X FOAM
SUPER SEALANT
OVERFLOW
BASE (DETERGENT)
- 2 OVERFLOW
BASE (DETERGENT)
- 3 SUPER SEALANT
OVERFLOW
BASE (DETERGENT)
- 4 3X FOAM
OVERFLOW
BASE (DETERGENT)
- 5 SUPER SEALANT
BASE (DETERGENT)
- 6 3X FOAM
SUPER SEALANT
BASE (DETERGENT)
- 7 3X FOAM
BASE (DETERGENT)



NOTE - PANEL COVER NOT SHOWN FOR CLARITY

PICTORIAL PARTS CATALOG		
DESCRIPTION: FOAMING AIR VALVE PANEL FOR OPTIONAL COMPONENTS		
DWG. NO. 11030137	REV 02	SHEET 2 OF 2
PDQ		
VEHICLE WASH SYSTEMS <small>PART OF OPW COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	03040036	ELBOW,1/4MNPTx1/4T,DOUBLE,SWIVEL,BR/PLST
2	67485-4B	ELBOW,STREET,1/8NPT,90DEG,SC40,BRS
3	25031	GAUGE,PRES,0-160PSI,1/8NPT,CBM,1.50"
4	67052-4B	NIPPLE,HEX,1/4NPT,BRS
5	24336-PB	TUBE-FTG,ELBOW,1/4Tx1/4NPT,PUSH,BRS
6	26160	VALVE,REG,1/4"NPT,125PSI,W/NUT,MINI
7	03010140	VALVE,SOL,2WAY,NC,,1/4"NPT,24VAC,BRASS

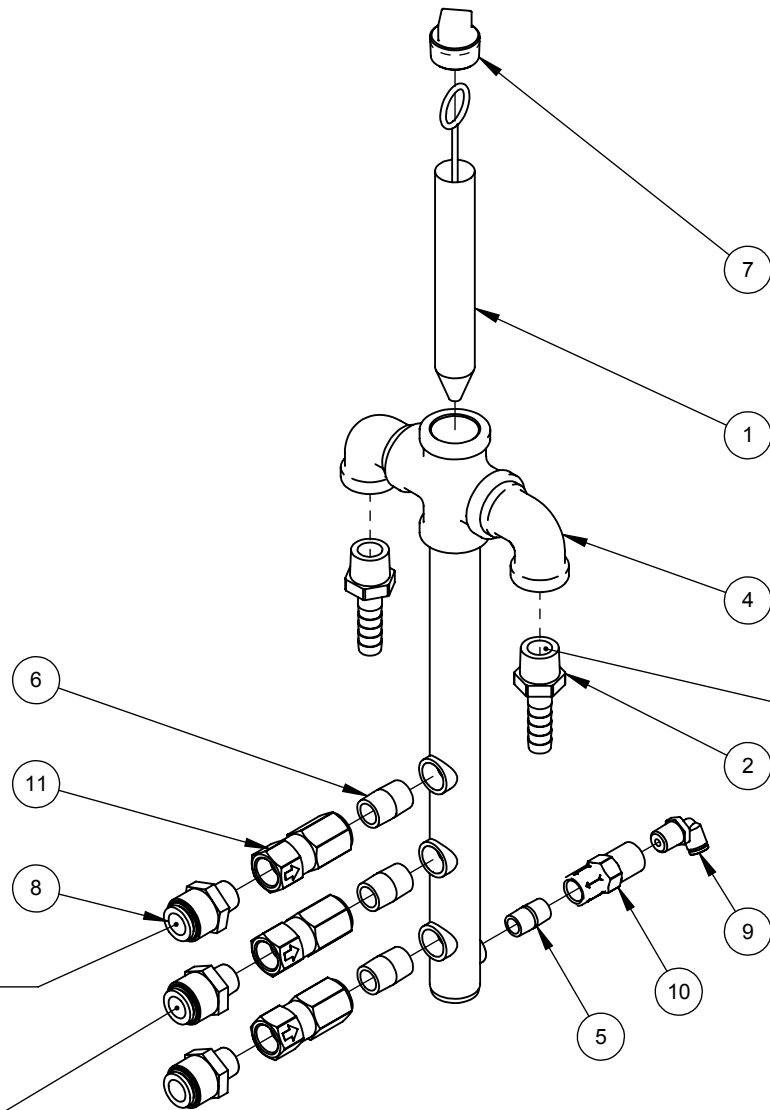


SEE VALVE PANEL 11030137
FOR PROPER TUBE FITTING

PICTORIAL PARTS CATALOG		
DESCRIPTION: FOAMING AIR VALVE ASSEMBLY FOR OPTIONAL APPLICATORS		
DWG. NO.	REV	SHEET
11030136	00	1 OF 1





ITEM	PART #	DESCRIPTION
1	06500080	BRUSH,FOAMER,1.125X5,OVERGLOW
2	68117-MS	HOSE-BARB,1/2Hx1/2MNPT,SST
3	11250261A	LABEL,SET,BRIDGE,MANIFOLD,FLUID-IDENT
4	03220308	MANIFOLD,FOAM,BRIDGE,LW360PLUS
5	67011-4S	NIPPLE,1/4NPTxCLOSE,SC40,SST
6	67012-4S	NIPPLE,3/8NPTxCLOSE,SC40,SST
7	67604-S	PLUG,3/4NPT,SQ-HD,SST
8	03320050	TUBE-FTG,CONN,1/2Tx3/8NPT,PUSH,PLSTC,PP
9	24336-PB	TUBE-FTG,ELBOW,1/4Tx1/4NPT,PUSH,BRS
10	03010076	VALVE,CHECK,1/4NPT,5PSI,SST
11	03010149	VALVE,CHECK,3/8NPT,6500PSI,10.5GPM,SST



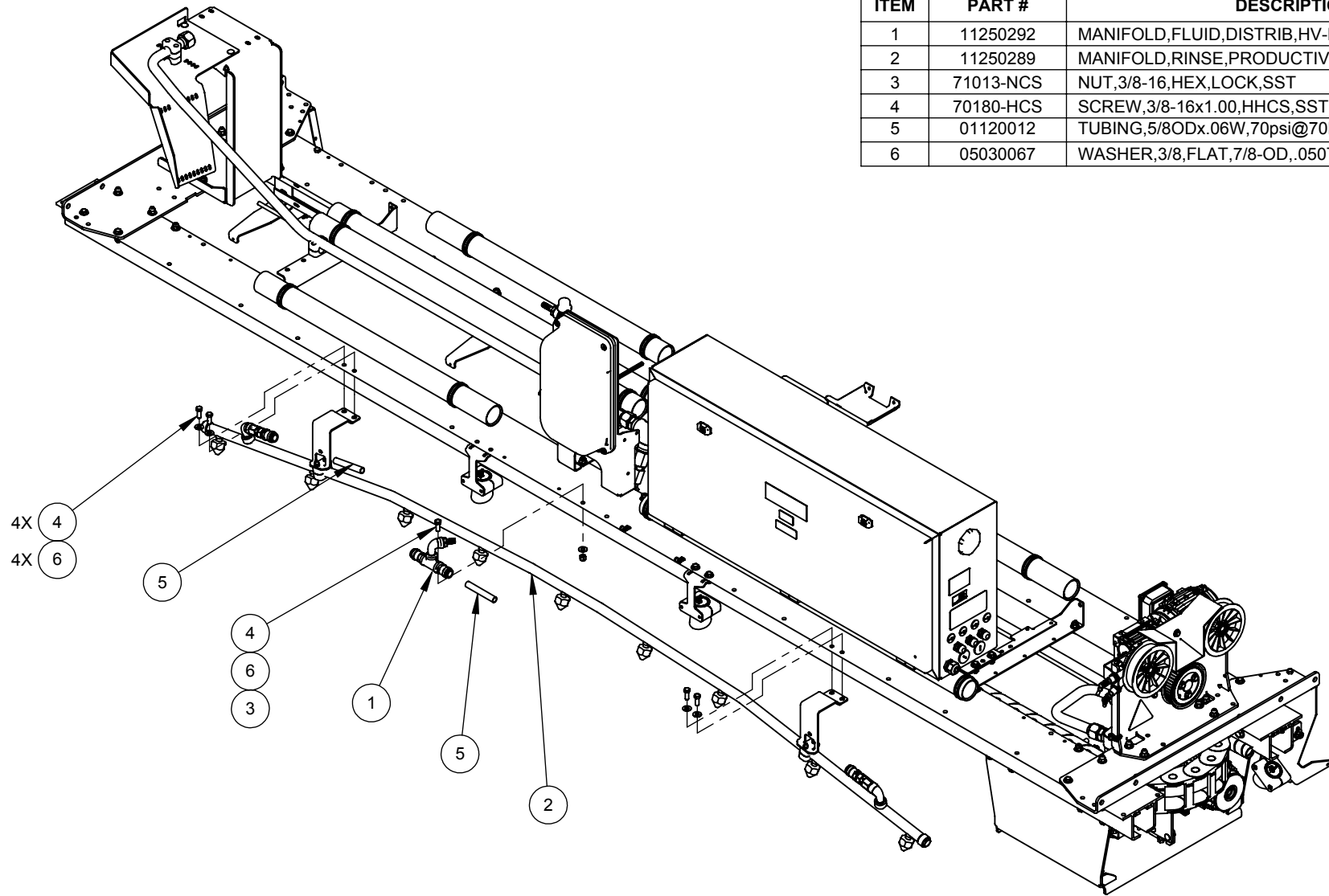
LOW PRESSURE
RINSE THROUGH
MAIN ARCH
09170155 OR 09170161

FOR FOAMING
WAX OPTION
09170163

FOR 2ND
DETERGENT
OPTION
09170143

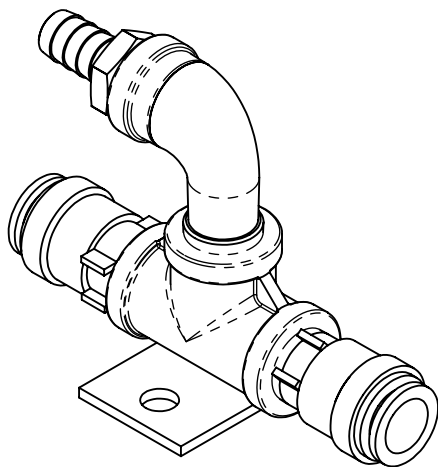
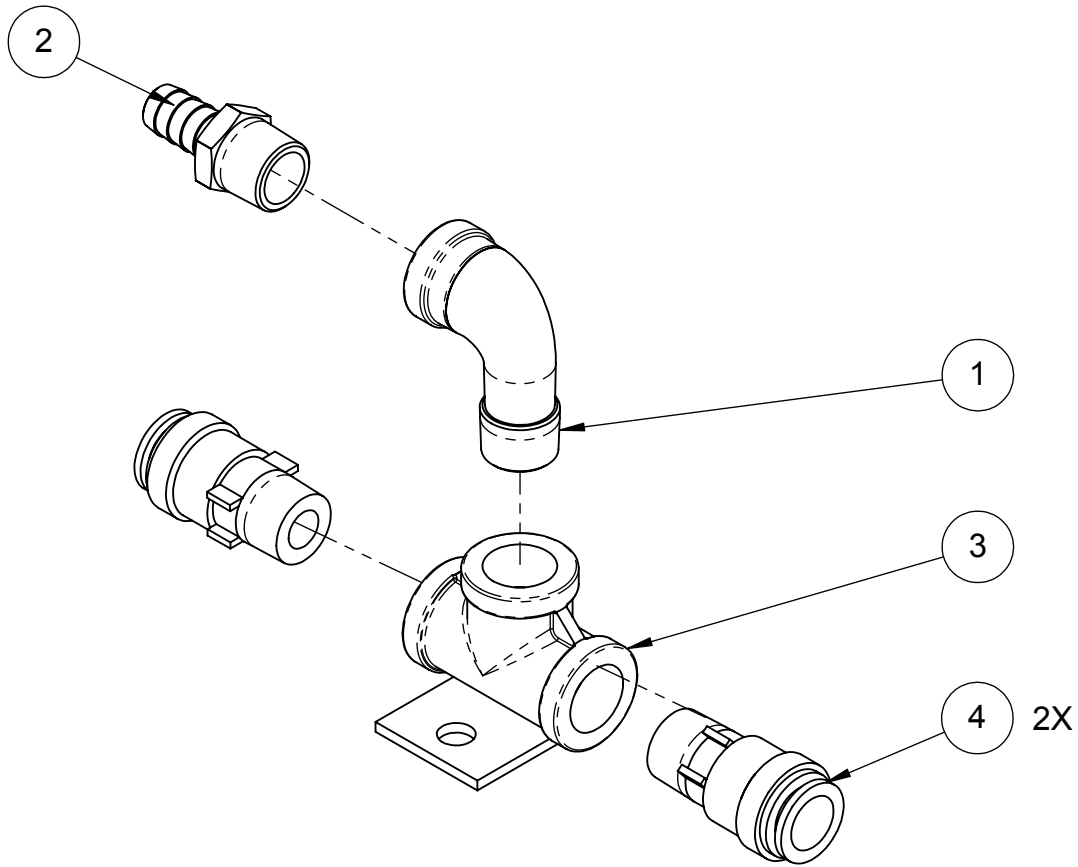
PICTORIAL PARTS CATALOG		
DESCRIPTION: MANIFOLD,FOAMER,LP,BRIDGE LOW PRESS CONN TO ARCH		
DWG. NO. 11250285	REV 03	SHEET 1 OF 1
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small>  <small>COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	11250292	MANIFOLD,FLUID,DISTRIB,HV-RINSE,LW360P
2	11250289	MANIFOLD,RINSE,PRODUCTIVITY,LW360P
3	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
4	70180-HCS	SCREW,3/8-16x1.00,HHCS,SST
5	01120012	TUBING,5/8ODx.06W,70psi@70F,LLDPE,BLACK
6	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST



PICTORIAL PARTS CATALOG		
DESCRIPTION: LW 360 PLUS LOW PRESSURE RINSE PRODUCTIVITY MANIFOLD		
DWG. NO.	REV	SHEET
11250288	01	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	67491-4S	ELBOW, STREET, 1/2NPT, 90DEG, SST
2	68117-MHB	HOSE-BARB, 1/2Hx1/2MNPT, BRS
3	03050028	TEE, 1/2NPT, PIPE, W/MOUNT-TAB, SST, LW360P
4	03320063	TUBE-FTG, 1/2CTSx1/2MNPT, PLSTC

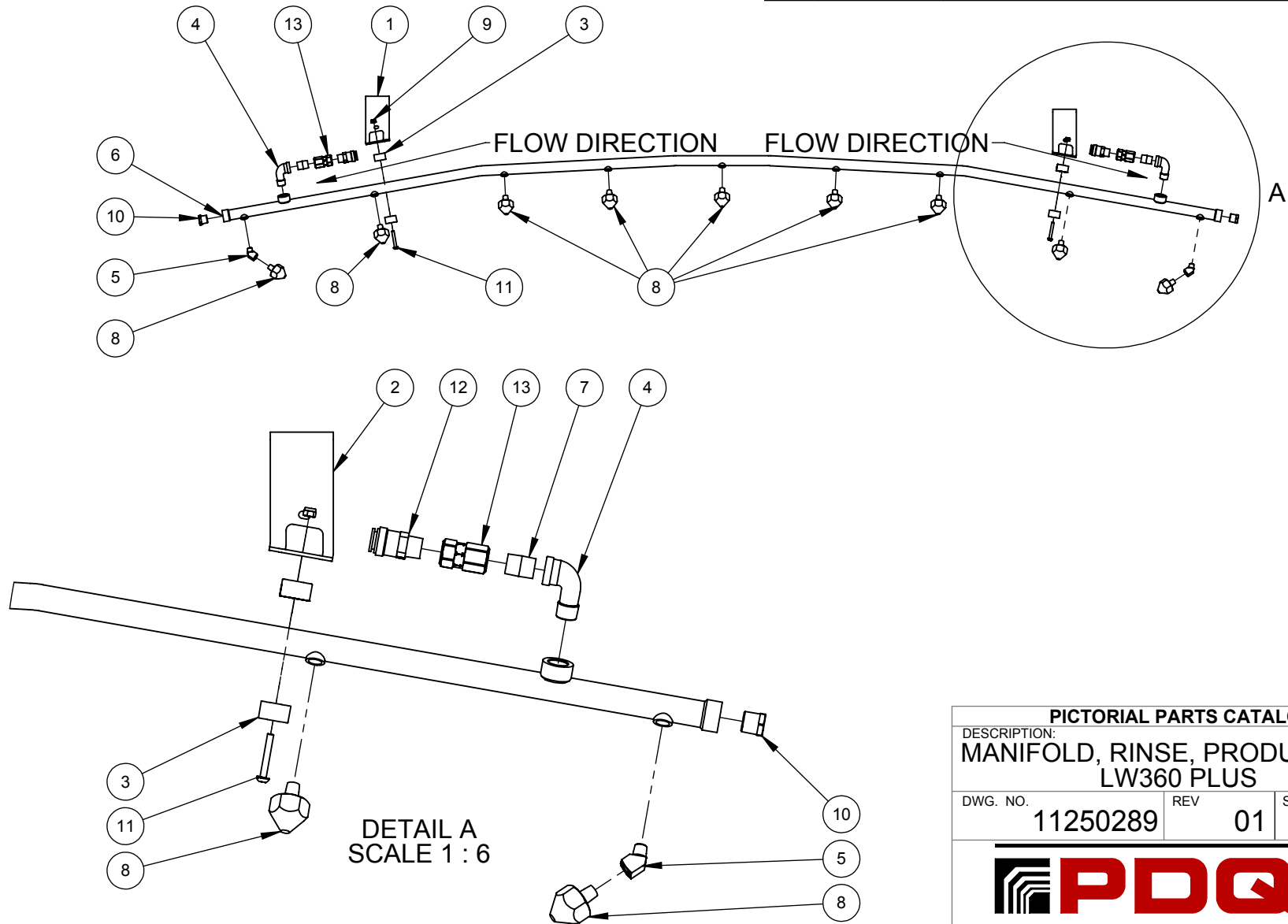


PICTORIAL PARTS CATALOG		
DESCRIPTION: HIGH VOLUME RINSE ARCH DISTRIBUTION MANIFOLD		
DWG. NO. 11250292	REV 00	SHEET 1 OF 1





ITEM	PART #	DESCRIPTION
8	03230029	NOZZLE,DEFLECTION,5060,1/4MNPT,BR
9	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
10	67653-S	PLUG,1/2NPT,HEX-HD,SST
11	70113-SCS	SCREW,1/4-20x1.75,PPHMS,SST
12	03320063	TUBE-FTG,1/2CTSx1/2MNPT,PLSTC
13	63153	VALVE,CHECK,1/2FNPT,1200PSI,BRS

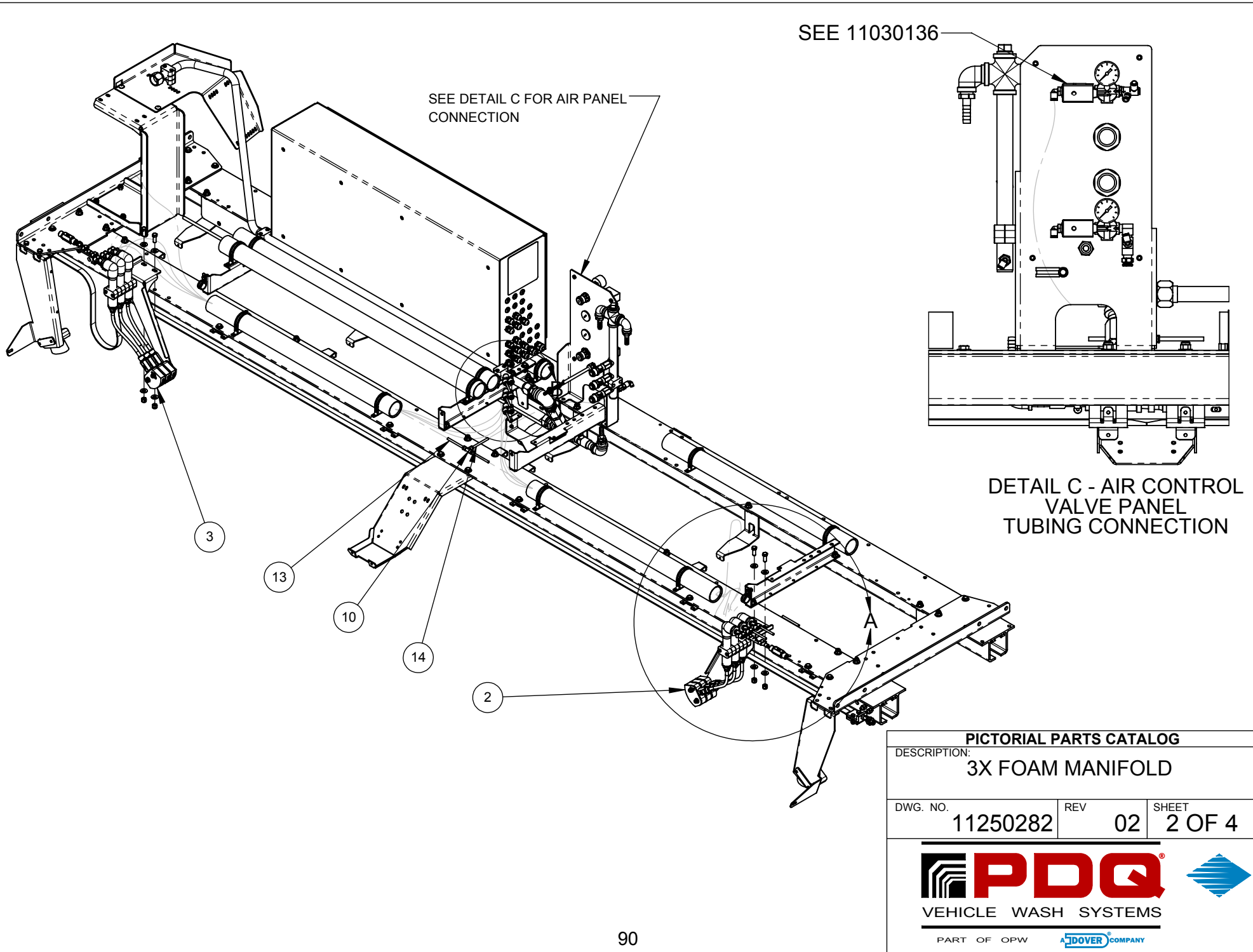
ITEM	PART #	DESCRIPTION
1	06141311-LH	BRACKET,RINSE-MANIF,MOUNT,LEFT,LW360P
2	06141311-RH	BRACKET,RINSE-MANIF,MOUNT,RIGHT,LW360P
3	75016	CLAMP,TUBE,1",PP,STANDARD
4	67491-4S	ELBOW,STREET,1/2NPT,90DEG,SST
5	03040001	ELBOW,STREET,1/4NPT,45DEG,BRS
6	03220321	MANIFOLD,RINSE,PRODUCTIVITY,LW360PLUS
7	67013-4B	NIPPLE,1/2NPTxCLOSE,SC40,BRS

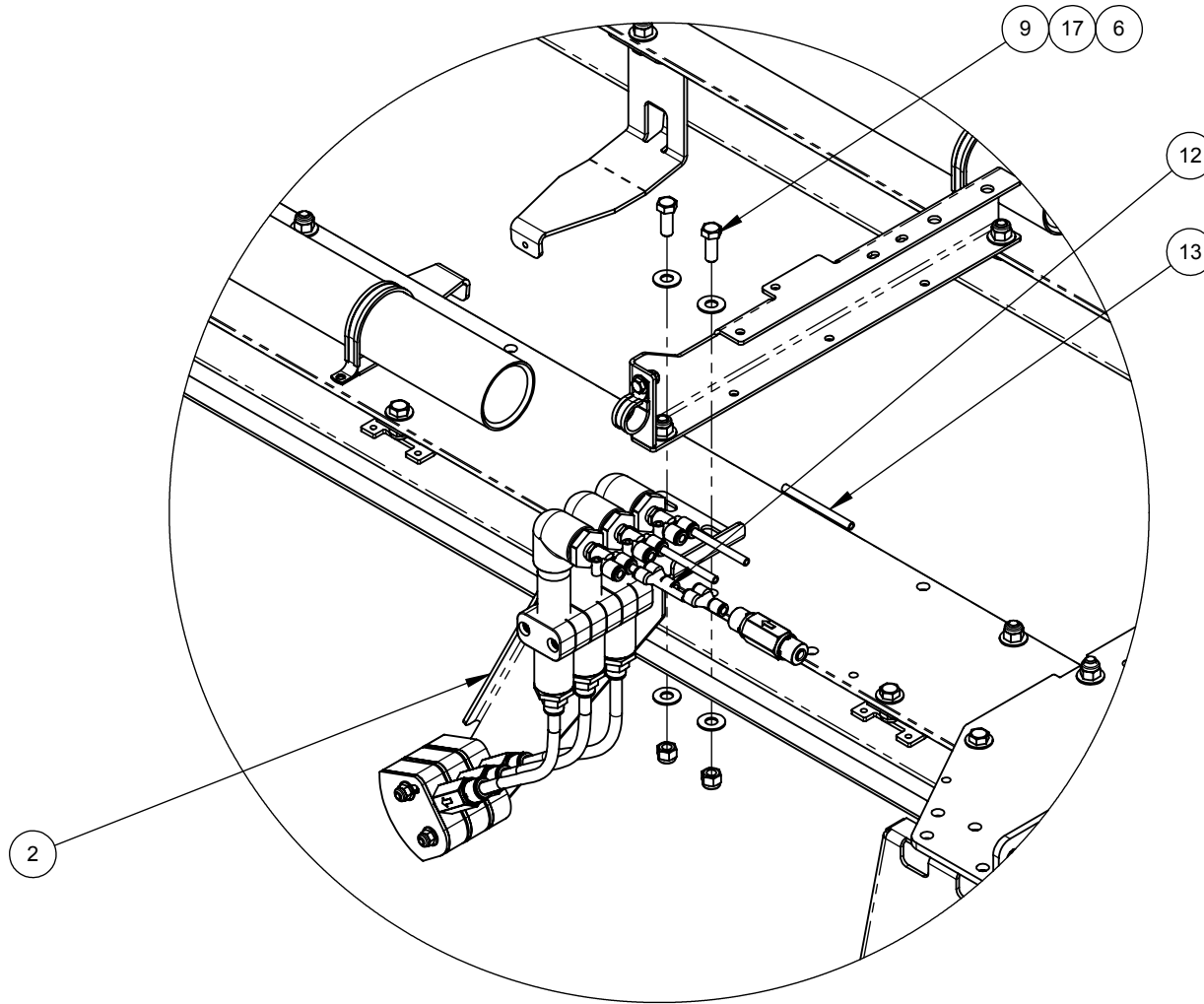


PICTORIAL PARTS CATALOG		
DESCRIPTION: MANIFOLD, RINSE, PRODUCTIVITY LW360 PLUS		
DWG. NO. 11250289	REV 01	SHEET 1 OF 1
VEHICLE WASH SYSTEMS		
PART OF OPW		

ITEM	PART #	DESCRIPTION
1	05050024	CLAMP,CUSHION,1",SST
2	11250260-LH	MANIFOLD,APPLICATOR,3X,LH,LW360PLUS
3	11250260-RH	MANIFOLD,APPLICATOR,3X,RH,LW360PLUS
4	05020018	NUT,#8-32,HEX,LOCK,SST
5	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
6	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
7	05040287	SCREW,#8-32x3.00,PPHMS,SST
8	70108-HCS	SCREW,1/4-20x.75,HHCS,SST
9	70180-HCS	SCREW,3/8-16x1.00,HHCS,SST
10	24496-PB	TUBE-FTG,TEE,UNION,1/4T,PUSH,BRS
11	03320038	TUBE-FTG,Y,3/8Tx1/4T,PUSH,PLSTC
12	01120008	TUBING,1/4ODx.04W,230psi@70F,LLDPE,BLUE
13	01120008	TUBING,1/4ODx.04W,230psi@70F,LLDPE,BLUE
14	01120008	TUBING,1/4ODx.04W,230psi@70F,LLDPE,BLUE
15	71508-FS	WASHER,#8,FLAT,SST
16	71511-FS	WASHER,1/4,FLAT,SST
17	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST




PICTORIAL PARTS CATALOG		
DESCRIPTION: 3X FOAM MANIFOLD		
DWG. NO. 11250282	REV 02	SHEET 1 OF 4
		
VEHICLE WASH SYSTEMS		
PART OF OPW  COMPANY		

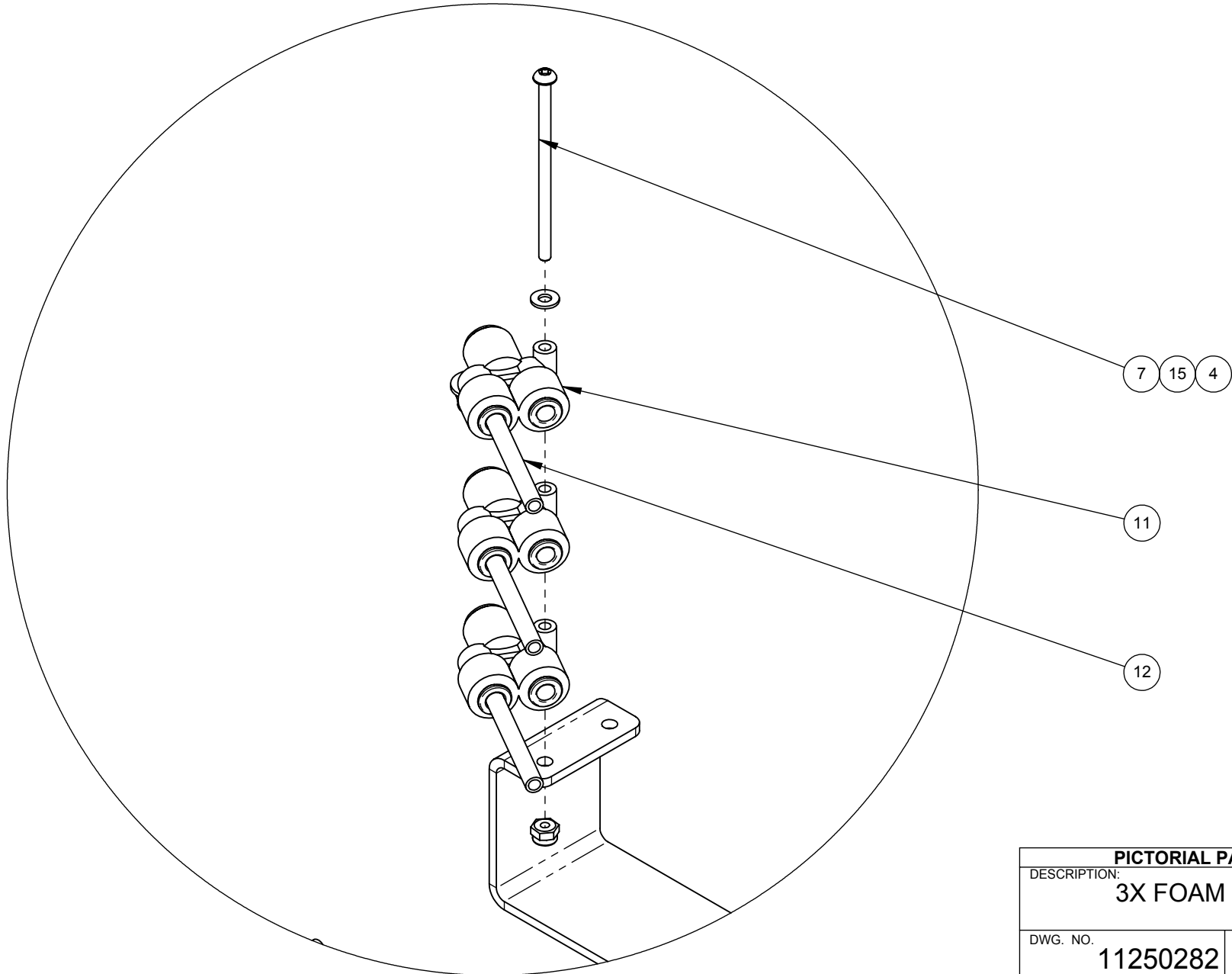







DETAIL A - LEFT HAND ASSEMBLY
RIGHT HAND SIMILAR

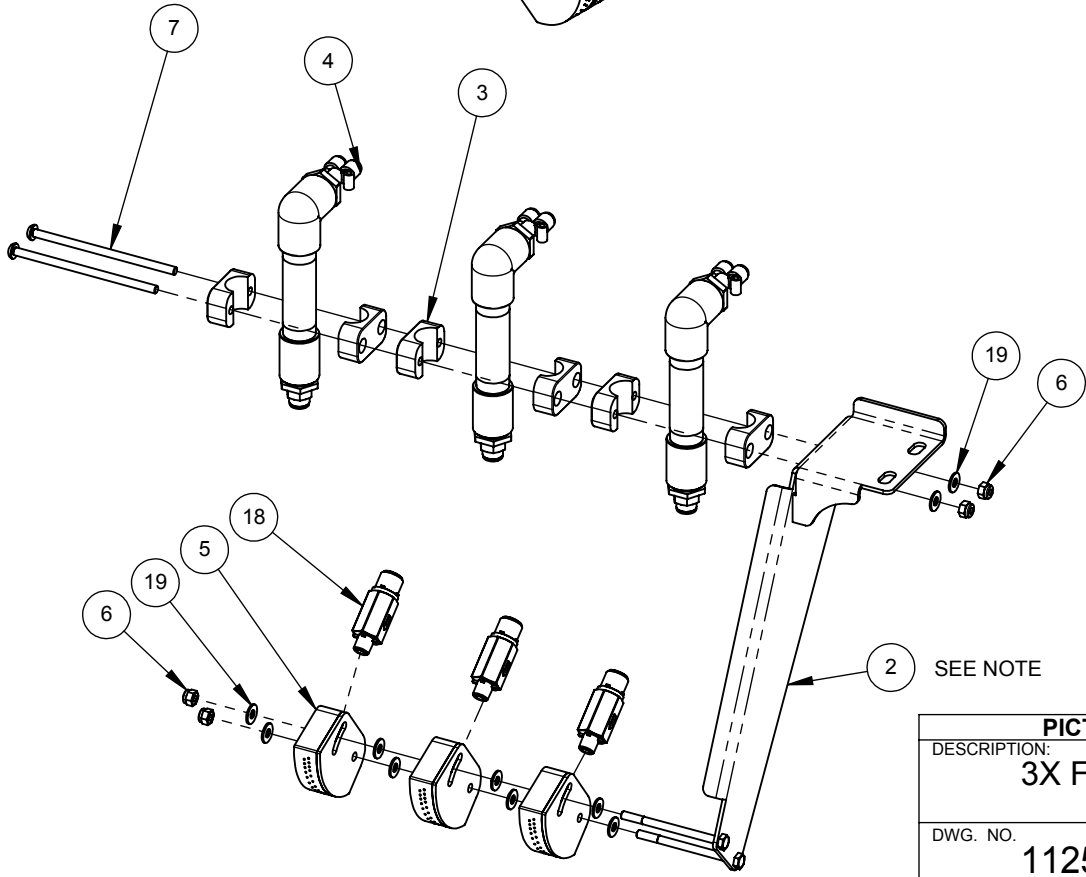
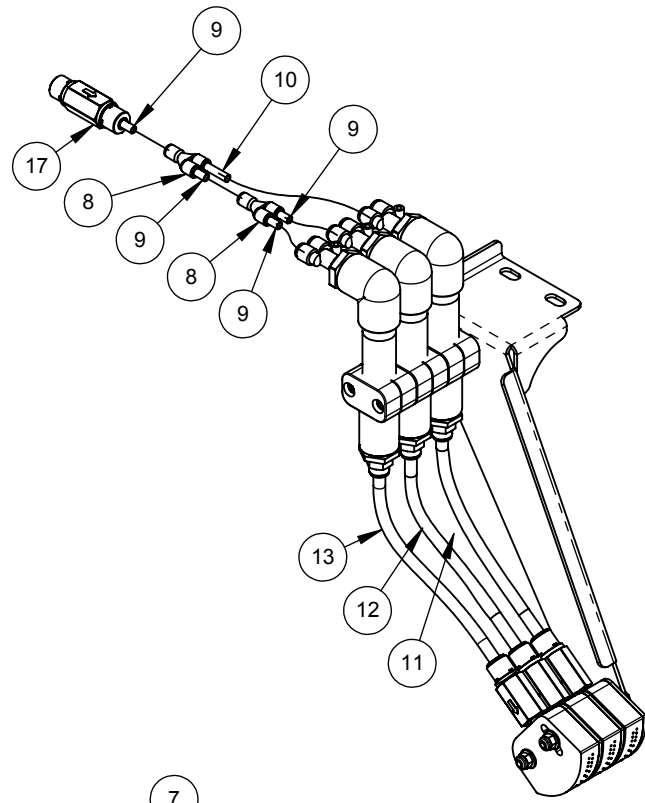
SCALE 1 : 6

PICTORIAL PARTS CATALOG		
DESCRIPTION: 3X FOAM MANIFOLD		
DWG. NO.	REV	SHEET
11250282	02	3 OF 4
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		



DETAIL B - FLUID TEE JUNCTIONS
SCALE 1 : 2

PICTORIAL PARTS CATALOG		
DESCRIPTION: 3X FOAM MANIFOLD		
DWG. NO. 11250282	REV 02	SHEET 4 OF 4
 PDQ VEHICLE WASH SYSTEMS		
PART OF OPW		 DOVER COMPANY



ITEM	PART #	DESCRIPTION
1	06141288-LH	BRACKET,MOUNT,3X-FOAM,LH,LW360P
2	06141288-RH	BRACKET,MOUNT,3X-FOAM,RH,LW360P
3	75016	CLAMP,TUBE,1",PP,STANDARD
4	11250266	MANIFOLD,FOAMER,3X,LW360PLUS
5	03230088	NOZZLE,SPRAY,3X,PVC,30-HOLES,LW360P
6	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
7	05040298	SCREW,1/4-20x5.00,PPHMS,SST
8	03320058	TUBE-FTG,Y,1/4T,SPLITTER,PUSH,PLSTC,PP
9	01120008	TUBING,1/4ODx.04W,230psi@70F,LLDPE,BLUE
10	01120008	TUBING,1/4ODx.04W,230psi@70F,LLDPE,BLUE
11	01120007	TUBING,3/8ODx.06W,230psi@70F,LLDPE,BLUE
12	01120007	TUBING,3/8ODx.06W,230psi@70F,LLDPE,BLUE
13	01120007	TUBING,3/8ODx.06W,230psi@70F,LLDPE,BLUE
14	01120007	TUBING,3/8ODx.06W,230psi@70F,LLDPE,BLUE
15	01120007	TUBING,3/8ODx.06W,230psi@70F,LLDPE,BLUE
16	01120007	TUBING,3/8ODx.06W,230psi@70F,LLDPE,BLUE
17	03010105	VALVE,CHECK,1/4x1/4PCF,3#,BRIDGE,G5
18	03010134	VALVE,CHECK,3/8PCF-INx1/4NPT-OUT,1#
19	71511-FS	WASHER,1/4,FLAT,SST

NOTE: RIGHT HAND ASSEMBLY SHOWN.
LEFT HAND ASSEMBLED IN OPPOSITE
ORIENTATION WITH LEFT HAND
BRACKET (PDQ P/N 06141288-LH).

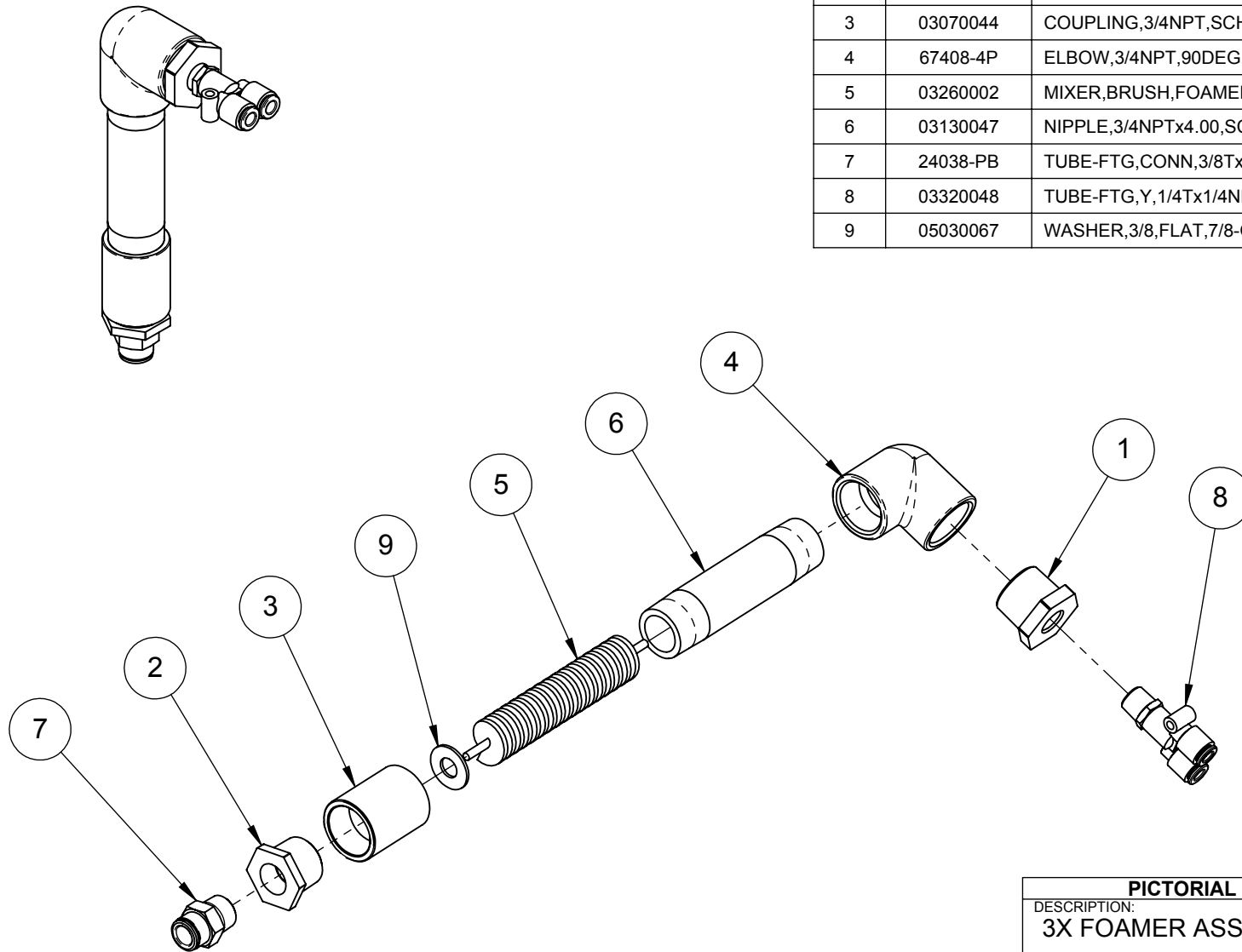
PICTORIAL PARTS CATALOG		
DESCRIPTION: 3X FOAM APPLICATOR, LW360 PLUS		
DWG. NO. 11250260	REV 04	SHEET 1 OF 1






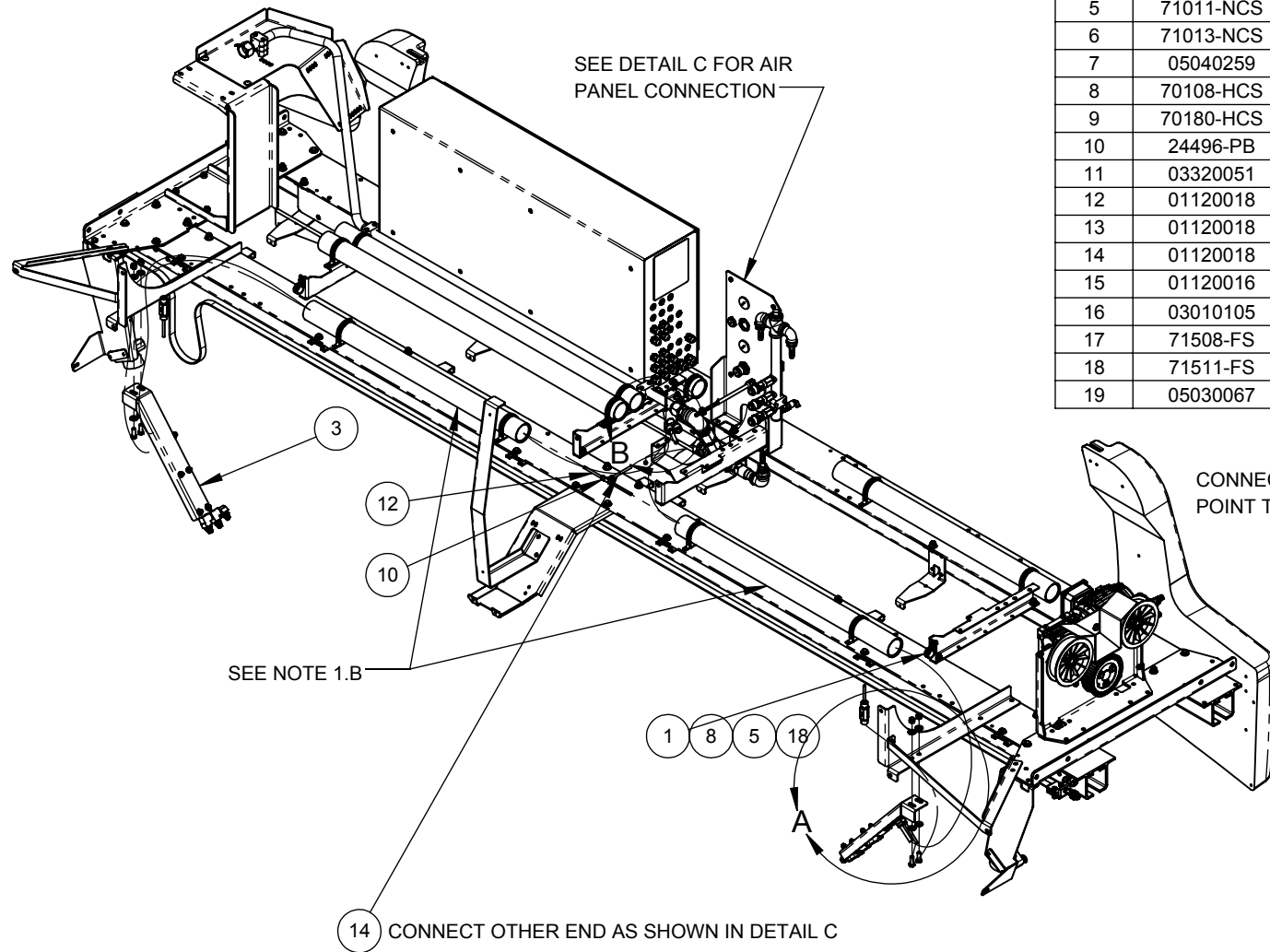

VEHICLE WASH SYSTEMS

PART OF OPW 

ITEM	PART #	DESCRIPTION
1	03090019	BUSHING,3/4NPTx1/4NPT,PVC
2	67708-4P	BUSHING,3/4NPTx3/8NPT,SC40,PVC
3	03070044	COUPLING,3/4NPT,SCHE40,PVC
4	67408-4P	ELBOW,3/4NPT,90DEG,SC40,PVC
5	03260002	MIXER,BRUSH,FOAMER,.875X4,3X/SS,LW360P
6	03130047	NIPPLE,3/4NPTx4.00,SC80,PVC
7	24038-PB	TUBE-FTG,CONN,3/8Tx3/8NPT,PUSH,BRS
8	03320048	TUBE-FTG,Y,1/4Tx1/4NPT,PUSH,PLSTC
9	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST



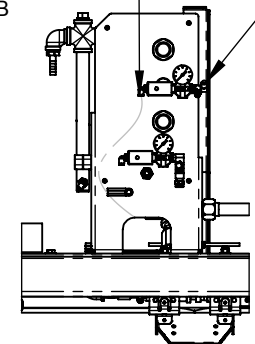
PICTORIAL PARTS CATALOG		
DESCRIPTION: 3X FOAMER ASSEMBLY, LW360 PLUS		
DWG. NO.	REV	SHEET
11250266	01	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW</small>  COMPANY		



ITEM	PART #	DESCRIPTION
1	05050024	CLAMP,CUSHION,1",SST
2	11250265-LH	MANIFOLD,APPLICATOR,SS,LW360PLUS,LH
3	11250265-RH	MANIFOLD,APPLICATOR,SS,LW360PLUS,RH
4	05020018	NUT,#8-32,HEX,LOCK,SST
5	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
6	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
7	05040259	SCREW,#8-32x1.50,PPHMS,SST
8	70108-HCS	SCREW,1/4-20x.75,HHCS,SST
9	70180-HCS	SCREW,3/8-16x1.00,HHCS,SST
10	24496-PB	TUBE-FTG,TEE,UNION,1/4T,PUSH,BRS
11	03320051	TUBE-FTG,Y,1/2Tx3/8T,PUSH,PLST
12	01120018	TUBING,1/4ODx.04W,230psi@70F,LLDPE,BLACK
13	01120018	TUBING,1/4ODx.04W,230psi@70F,LLDPE,BLACK
14	01120018	TUBING,1/4ODx.04W,230psi@70F,LLDPE,BLACK
15	01120016	TUBING,3/8ODx.06W,230psi@70F,LLDPE,BLACK
16	03010105	VALVE,CHECK,1/4x1/4PCF,3#,BRIDGE,G5
17	71508-FS	WASHER,#8,FLAT,SST
18	71511-FS	WASHER,1/4,FLAT,SST
19	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST

CONNECT TUBING 01120018 FROM THIS POINT TO TEE FITTING 24496-PB

SEE NOTE 1.D



DETAIL C - AIR CONTROL VALVE PANEL TUBING CONNECTION

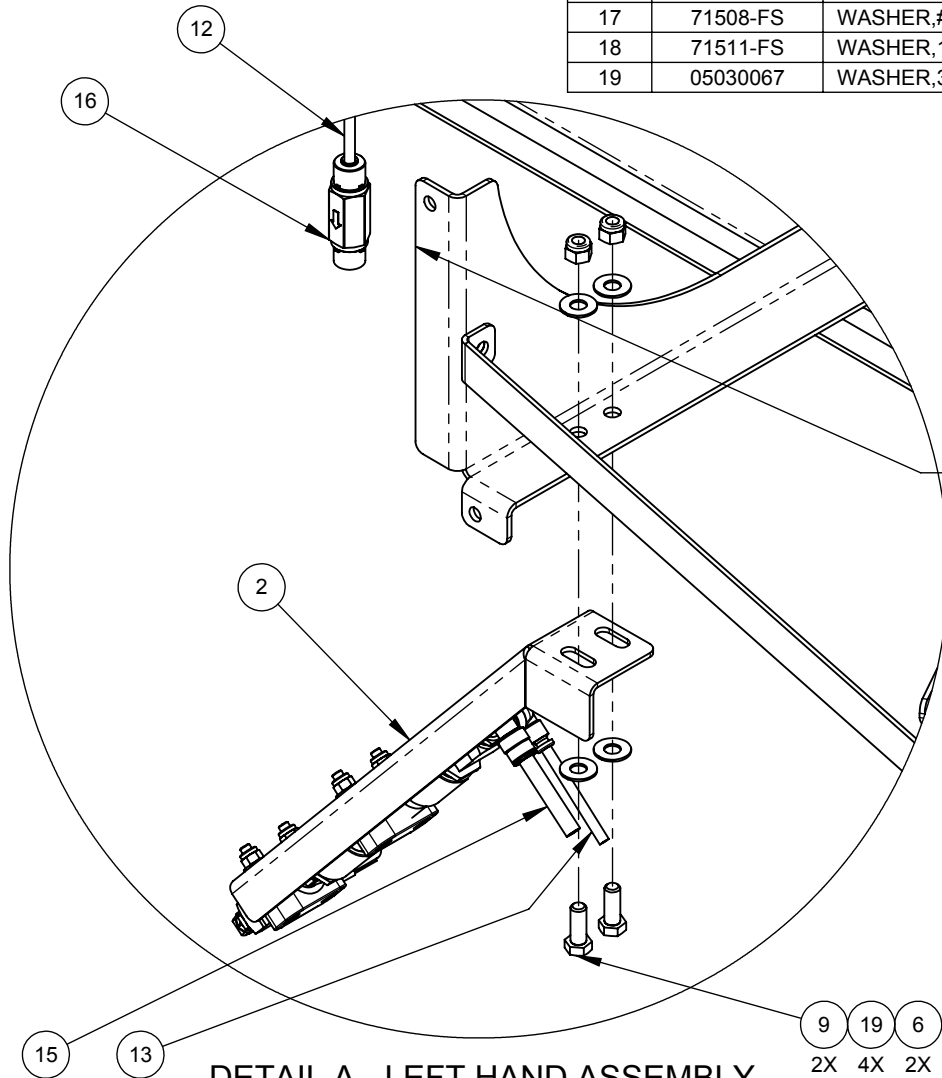
PICTORIAL PARTS CATALOG
DESCRIPTION:
SUPER-SEAL MANIFOLD

DWG. NO.	REV	SHEET
11250283	01	1 OF 3



- NOTES
- CONSTRUCTION:
 - MATL: PER PARTS LIST
 - ROUTE TUBING THROUGH CONDUIT. ON MACHINES WITH INTEGRATED DRYER OPTION, ROUTE TUBING BENEATH DRYER MOTORS, BETWEEN DRYER FRAME MEMBERS 06141304 AND 06141305.
 - PROTECT TUBING FROM SHARP EDGES. SECURE USING CABLE TIES ALONG THE ROUTE.
 - AIR VALVE 11030136 FOR SUPER SEALANT FOAMING AIR CONTROL IS INSTALLED IN POSITION SHOWN WHEN BUILDING THE CONTROL VALVE PANEL SUBASSEMBLY 11030137



ITEM	PART #	DESCRIPTION
1	05050024	CLAMP,CUSHION,1",SST
2	11250265-LH	MANIFOLD,APPLICATOR,SS,LW360PLUS,LH
3	11250265-RH	MANIFOLD,APPLICATOR,SS,LW360PLUS,RH
4	05020018	NUT,#8-32,HEX,LOCK,SST
5	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
6	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
7	05040259	SCREW,#8-32x1.50,PPHMS,SST
8	70108-HCS	SCREW,1/4-20x.75,HHCS,SST
9	70180-HCS	SCREW,3/8-16x1.00,HHCS,SST
10	24496-PB	TUBE-FTG,TEE,UNION,1/4T,PUSH,BRS
11	03320051	TUBE-FTG,Y,1/2Tx3/8T,PUSH,PLST
12	01120018	TUBING,1/4ODx.04W,230psi@70F,LLDPE,BLACK
13	01120018	TUBING,1/4ODx.04W,230psi@70F,LLDPE,BLACK
14	01120018	TUBING,1/4ODx.04W,230psi@70F,LLDPE,BLACK
15	01120016	TUBING,3/8ODx.06W,230psi@70F,LLDPE,BLACK
16	03010105	VALVE,CHECK,1/4x1/4PCF,3#,BRIDGE,G5
17	71508-FS	WASHER,#8,FLAT,SST
18	71511-FS	WASHER,1/4,FLAT,SST
19	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST



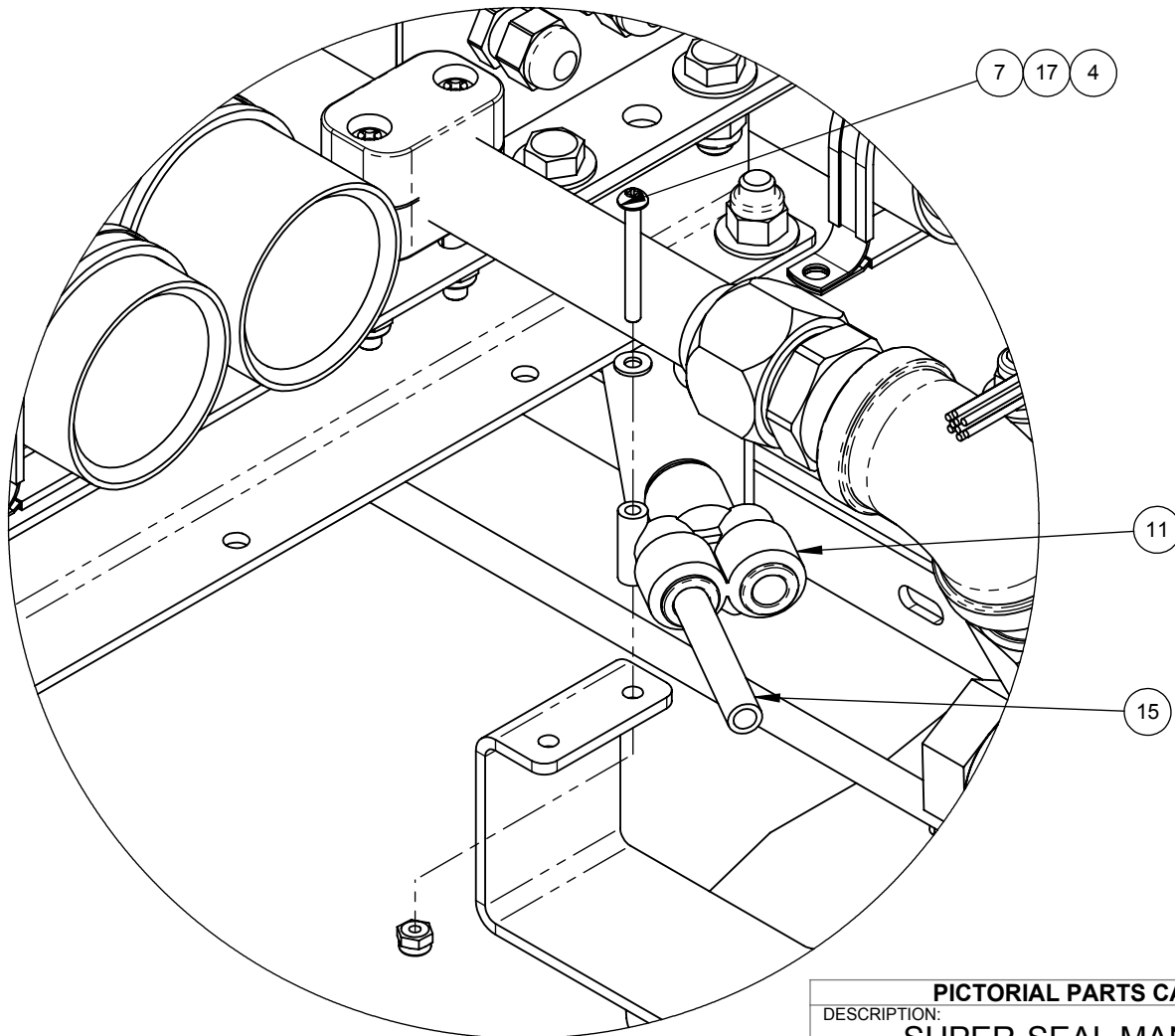
MOUNT MANIFOLDS TO COVER BRACKETS 06141271-LH/RH

DETAIL A - LEFT HAND ASSEMBLY
RIGHT HAND SIMILAR
SCALE 1 : 4.5



9 19 6
2X 4X 2X

PICTORIAL PARTS CATALOG		
DESCRIPTION: SUPER-SEAL MANIFOLD		
DWG. NO. 11250283	REV 01	SHEET 2 OF 3
 VEHICLE WASH SYSTEMS		
PART OF OPW		

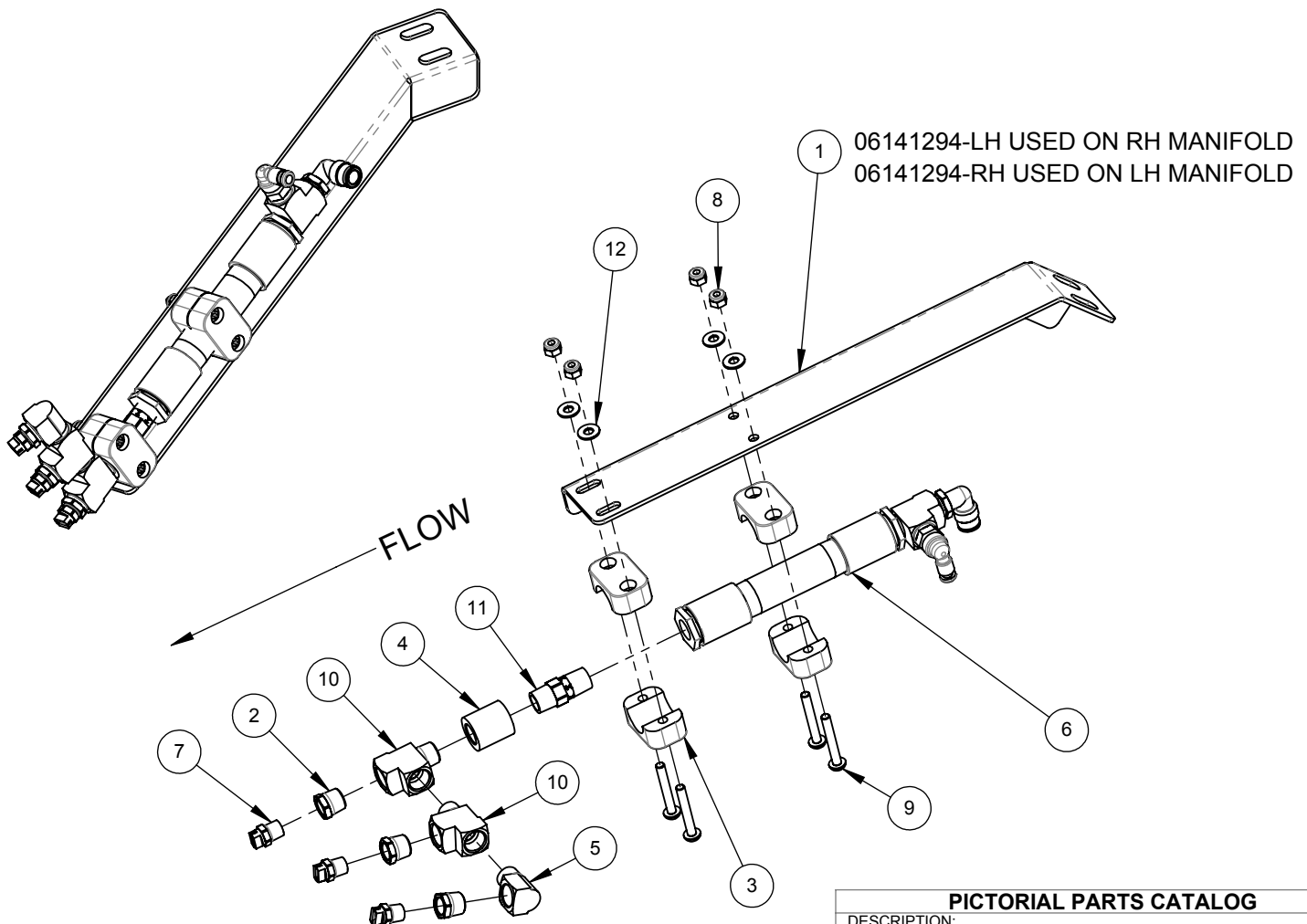
ITEM	PART #	DESCRIPTION
1	05050024	CLAMP,CUSHION,1",SST
2	11250265-LH	MANIFOLD,APPLICATOR,SS,LW360PLUS,LH
3	11250265-RH	MANIFOLD,APPLICATOR,SS,LW360PLUS,RH
4	05020018	NUT,#8-32,HEX,LOCK,SST
5	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
6	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
7	05040259	SCREW,#8-32x1.50,PPHMS,SST
8	70108-HCS	SCREW,1/4-20x.75,HHCS,SST
9	70180-HCS	SCREW,3/8-16x1.00,HHCS,SST
10	24496-PB	TUBE-FTG,TEE,UNION,1/4T,PUSH,BRS
11	03320051	TUBE-FTG,Y,1/2Tx3/8T,PUSH,PLST
12	01120018	TUBING,1/4ODx.04W,230psi@70F,LLDPE,BLACK
13	01120018	TUBING,1/4ODx.04W,230psi@70F,LLDPE,BLACK
14	01120018	TUBING,1/4ODx.04W,230psi@70F,LLDPE,BLACK
15	01120016	TUBING,3/8ODx.06W,230psi@70F,LLDPE,BLACK
16	03010105	VALVE,CHECK,1/4x1/4PCF,3#,BRIDGE,G5
17	71508-FS	WASHER,#8,FLAT,SST
18	71511-FS	WASHER,1/4,FLAT,SST
19	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST



DETAIL B - FLUID TEE JUNCTION
SCALE 1 : 2

PICTORIAL PARTS CATALOG		
DESCRIPTION: SUPER-SEAL MANIFOLD		
DWG. NO.	REV	SHEET
11250283	01	3 OF 3
		
VEHICLE WASH SYSTEMS		
PART OF OPW		

ITEM	PART #	DESCRIPTION
1	06141294-LH	BRACKET,MOUNT,SS,LW360PLUS,LH
2	67702-B	BUSHING,3/8NPTx1/4NPT,BRS
3	75016	CLAMP,TUBE,1",PP,STANDARD
4	67794-4S	COUPLING,3/8NPT,SST
5	67489-4B	ELBOW,STREET,3/8NPT,90DEG,SC40,BRS
6	11250267	MANIFOLD,FOAMER,SUPER-SEALANT,LW360PLUS
7	64236-4M	NOZZLE,FAN,6515,1/4"NPT,SST
8	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
9	70113-SCS	SCREW,1/4-20x1.75,PPHMS,SST
10	67195-4B	TEE,3/8NPT,MALE-RUN,SC40,BRS
11	03010080	VALVE,CHECK,3/8MNPT,500PSI,SPRING,LIQ,BR
12	71511-FS	WASHER,1/4,FLAT,SST

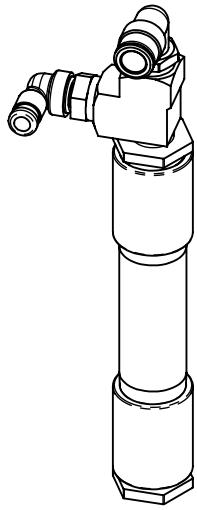


RIGHT HAND ASSEMBLY SHOWN. LEFT HAND ASSEMBLED IN OPPOSITE ORIENTATION WITH RIGHT HAND BRACKET.

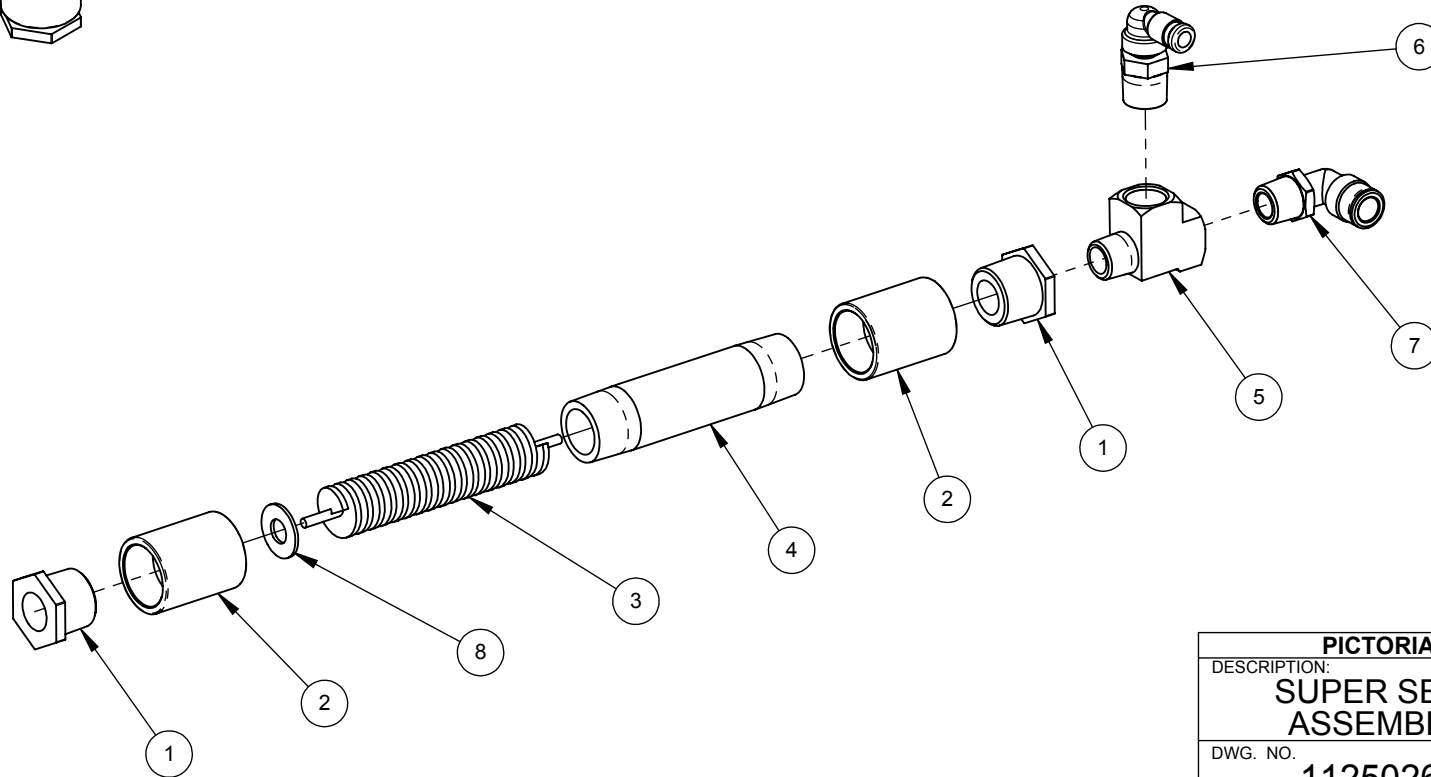
PICTORIAL PARTS CATALOG
 DESCRIPTION:
**SUPER SEALANT APPLICATOR,
 LW360 PLUS**

DWG. NO. 11250265	REV 01	SHEET 1 OF 1
-----------------------------	------------------	------------------------



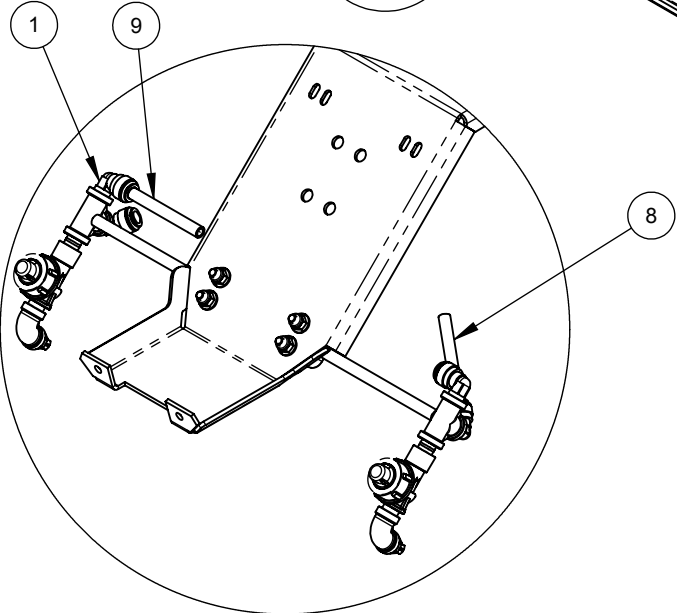
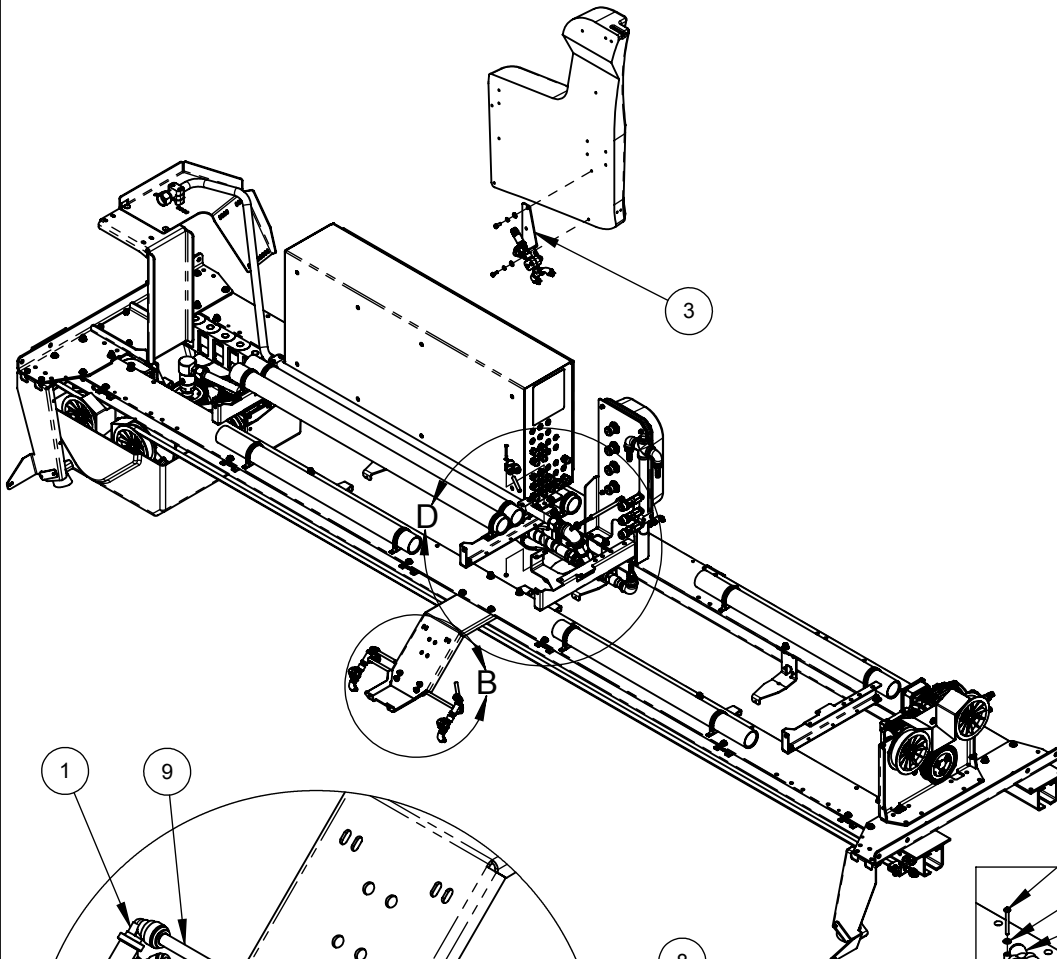


ITEM	PART #	DESCRIPTION
1	67708-4P	BUSHING,3/4NPTx3/8NPT,SC40,PVC
2	03070044	COUPLING,3/4NPT,SCHED40,PVC
3	03260002	MIXER,BRUSH,FOAMER,.875X4,3X/SS,LW360P
4	03130047	NIPPLE,3/4NPTx4.00,SC80,PVC
5	67195-4B	TEE,3/8NPT,MALE-RUN,SC40,BRS
6	24338-PB	TUBE-FTG,ELBOW,1/4Tx3/8NPT,PUSH,BRS
7	24350-PB	TUBE-FTG,ELBOW,3/8Tx3/8NPT,PUSH,BRS
8	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST



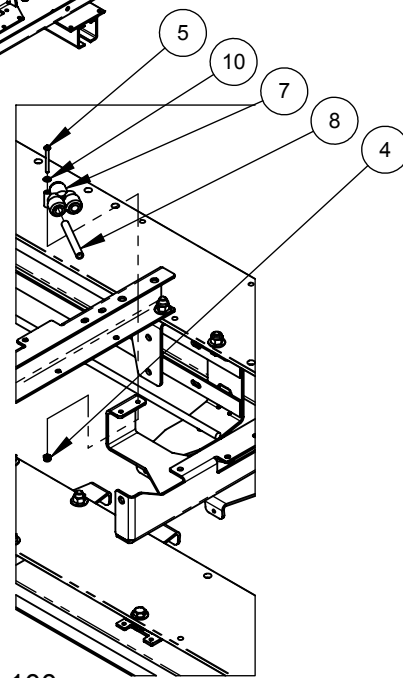
PICTORIAL PARTS CATALOG		
DESCRIPTION: SUPER SEALANT FOAMER ASSEMBLY, LW360 PLUS		
DWG. NO. 11250267	REV 00	SHEET 1 OF 1
VEHICLE WASH SYSTEMS		
PART OF OPW		

ITEM	PART #	DESCRIPTION
1	11250259	MANIFOLD,FRONT-PREP,CENTER,EXIT,LW360P
2	11250269-LH	MANIFOLD,FRONT-PREP,ENTR,LW360P,LH
3	11250269-RH	MANIFOLD,FRONT-PREP,ENTRANCE,LW360P,RH
4	05020018	NUT,#8-32,HEX,LOCK,SST
5	05040259	SCREW,#8-32x1.50,PPHMS,SST
6	70108-HCS	SCREW,1/4-20x.75,HHCS,SST
7	03320051	TUBE-FTG,Y,1/2Tx3/8T,PUSH,PLST
8	01120007	TUBING,3/8ODx.06W,230psi@70F,LLDPE,BLUE
9	01120007	TUBING,3/8ODx.06W,230psi@70F,LLDPE,BLUE
10	71508-FS	WASHER,#8,FLAT,SST
11	71511-FS	WASHER,1/4,FLAT,SST
12	71511-LS	WASHER,1/4,LOCK,SST

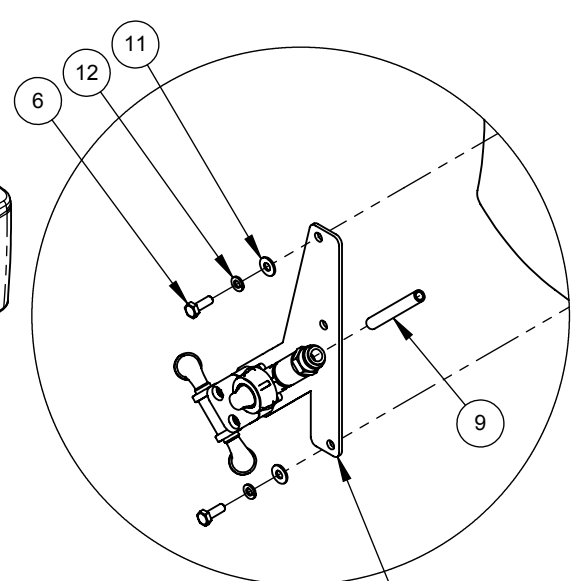


DETAIL B
SCALE 1 : 6

DETAIL D
SCALE 1 : 10



DETAIL A
SCALE 1 : 6



2 LEFT SIDE
3 RIGHT SIDE

PICTORIAL PARTS CATALOG

DESCRIPTION:
FRONT PREP MANIFOLD

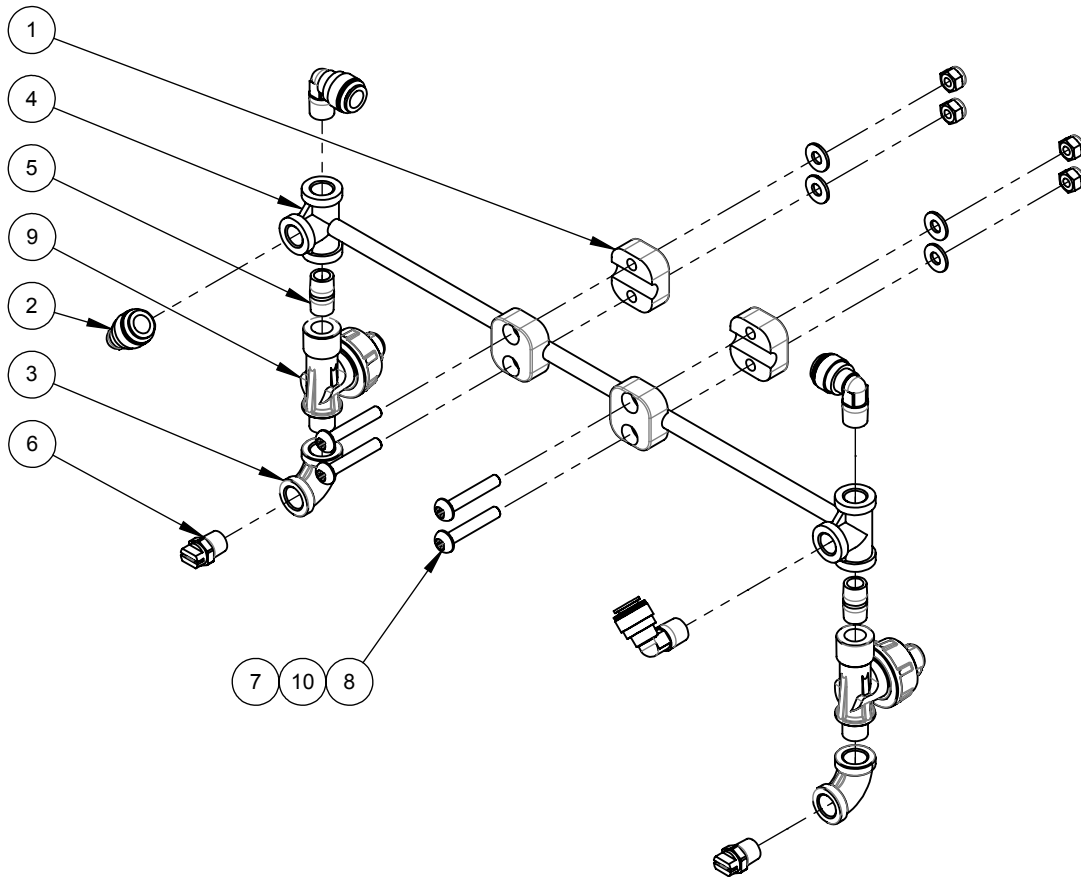
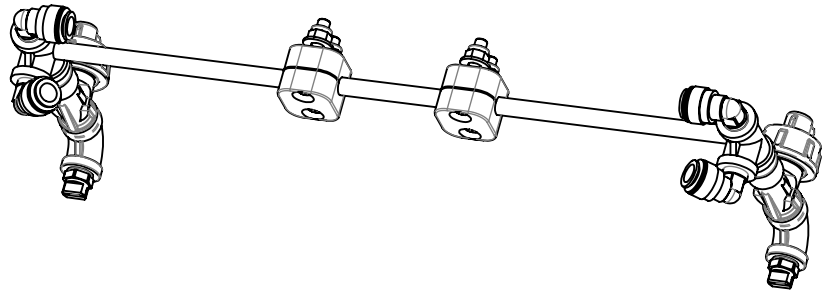
DWG. NO.	REV	SHEET
11250286	02	1 OF 1




VEHICLE WASH SYSTEMS

PART OF OPW  COMPANY

ITEM	PART #	DESCRIPTION
1	05050043	CLAMP,TUBE,.375,PP,STANDARD
2	03040029	ELBOW,1/4MNPTx3/8T,PUSH-LOCK,PP
3	67402-4S	ELBOW,1/4NPT,90DEG,SC40,SST
4	03220289	MANIFOLD,FRONT-PREP,CENTER,WELD,ICON
5	67011-4S	NIPPLE,1/4NPTxCLOSE,SC40,SST
6	64158-4M	NOZZLE,FAN,4006,1/4"NPT,SST
7	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
8	70112-SCS	SCREW,1/4-20x1.50,PPHMS,SST
9	03010112	VALVE,CHECK,DIAPH,1/4"Mx1/4"F,4PSI,EPDM
10	71511-FS	WASHER,1/4,FLAT,SST



PICTORIAL PARTS CATALOG		
DESCRIPTION: FRONT PREP APPLICATOR MANIFOLD, GRILL AND BUMPER AREA		
DWG. NO.	REV	SHEET
11250259	00	1 OF 1

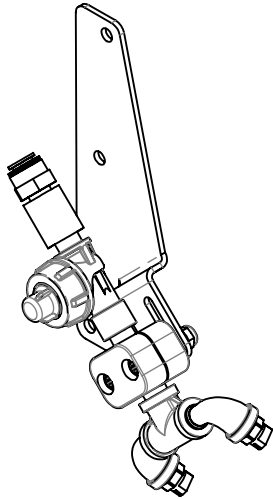


VEHICLE WASH SYSTEMS

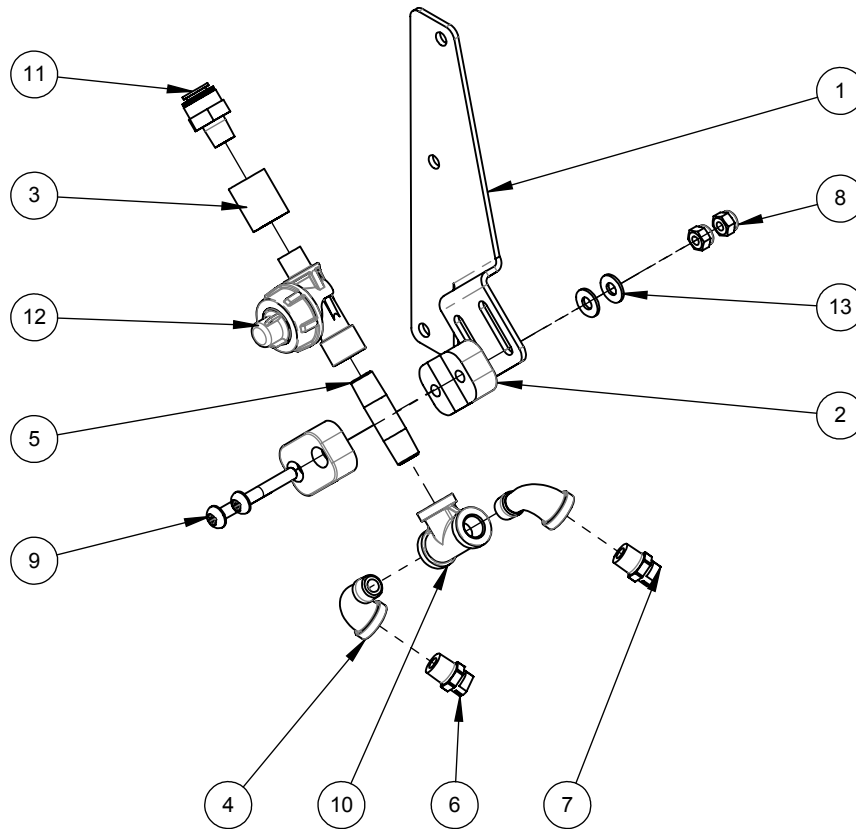


PART OF OPW

DOVER COMPANY



ITEM	PART #	DESCRIPTION
1	06140884	BRACKET,FRONT-PREP,RIGHT,LASERWASH
2	05050065	CLAMP,PIPE,1/4,PP,STANDARD
3	67792-4S	COUPLING,1/4NPT,SST
4	67487-4S	ELBOW,STREET,1/4NPT,90DEG,SC40,SST
5	67011-B4S	NIPPLE,1/4NPTx2.00,SC40,SST
6	64126-4M	NOZZLE,FAN,2510,1/4"NPT,SST
7	64234-4M	NOZZLE,FAN,6510,1/4"NPT,SST
8	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
9	70112-SCS	SCREW,1/4-20x1.50,PPHMS,SST
10	67105-4S	TEE,1/4NPT,PIPE,SC40,SST
11	03320049	TUBE-FTG,CONN,3/8Tx1/4NPT,PUSH,PLSTC,PP
12	03010112	VALVE,CHECK,DIAPH,1/4"Mx1/4"F,4PSI,EPDM
13	71511-FS	WASHER,1/4,FLAT,SST



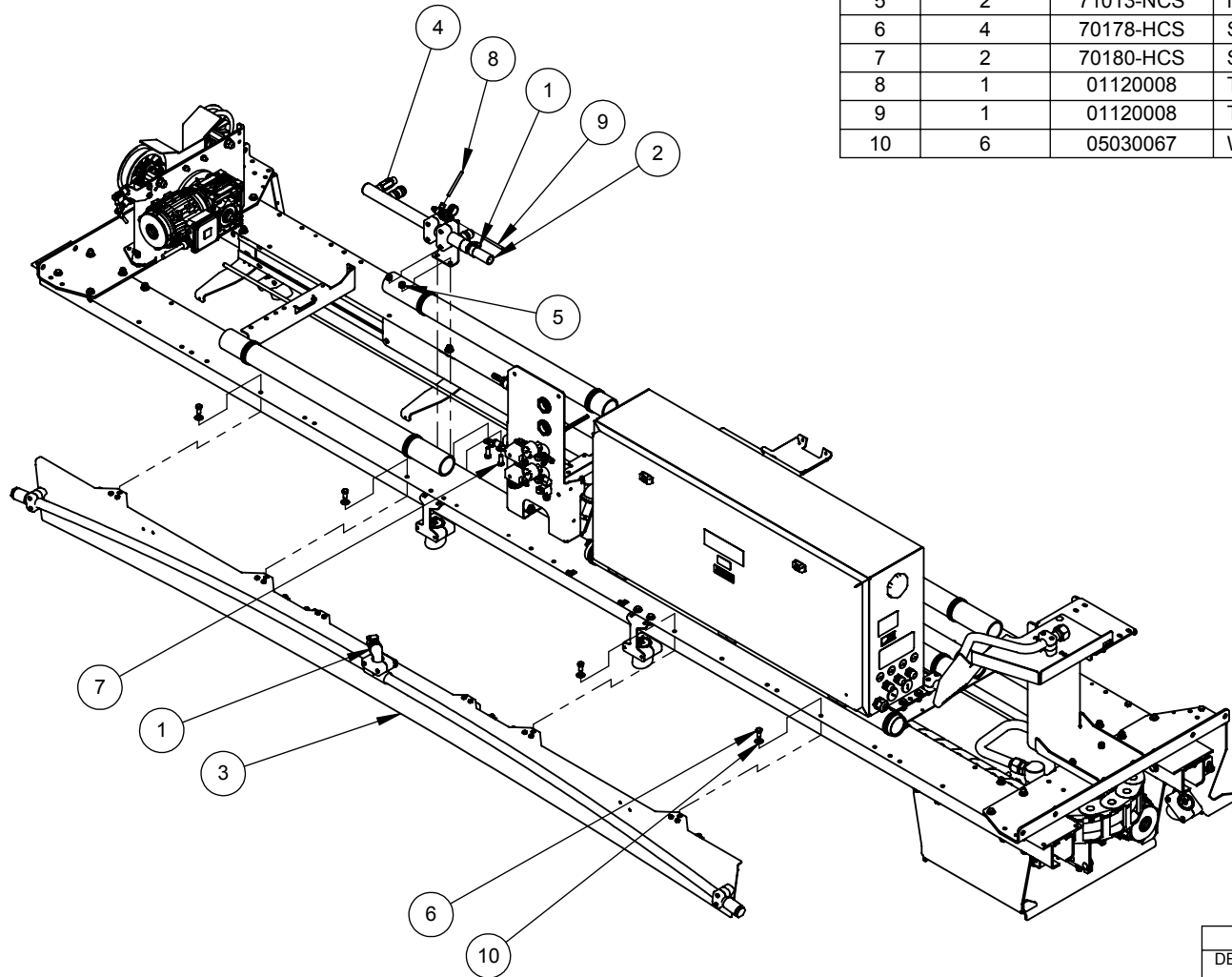
RIGHT HAND ASSEMBLY SHOWN. LEFT HAND ASSEMBLED IN OPPOSITE ORIENTATION WITH LEFT HAND BRACKET.

PICTORIAL PARTS CATALOG
 DESCRIPTION:
 FRONT BUG PREP APPLICATOR MANIFOLD,
 WINDSHIELD AREA

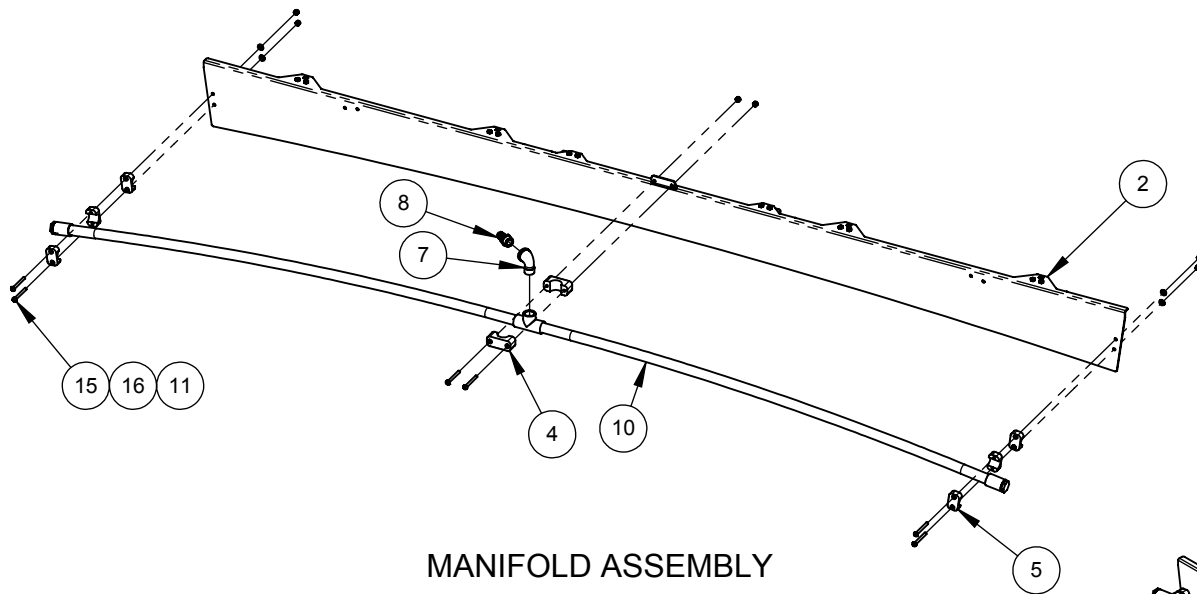
DWG. NO. 11250269	REV 00	SHEET 1 OF 1
----------------------	-----------	-----------------



ITEM	QTY.	PART #	DESCRIPTION
1	2	75103	CLAMP,HOSE,#12,75H,SST
2	1	61030	HOSE,3/4,200,BLACK,SYN-RBR,SYN-YRN
3	1	11250262	MANIFOLD,APPLICATOR,OVERGLOW,LW360PLUS
4	1	11250261	MANIFOLD,FOAMER,OVERGLOW,LW360PLUS
5	2	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
6	4	70178-HCS	SCREW,3/8-16x.75,HHCS,SST
7	2	70180-HCS	SCREW,3/8-16x1.00,HHCS,SST
8	1	01120008	TUBING,1/4ODx.04W,230psi@70F,LLDPE,BLUE
9	1	01120008	TUBING,1/4ODx.04W,230psi@70F,LLDPE,BLUE
10	6	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST

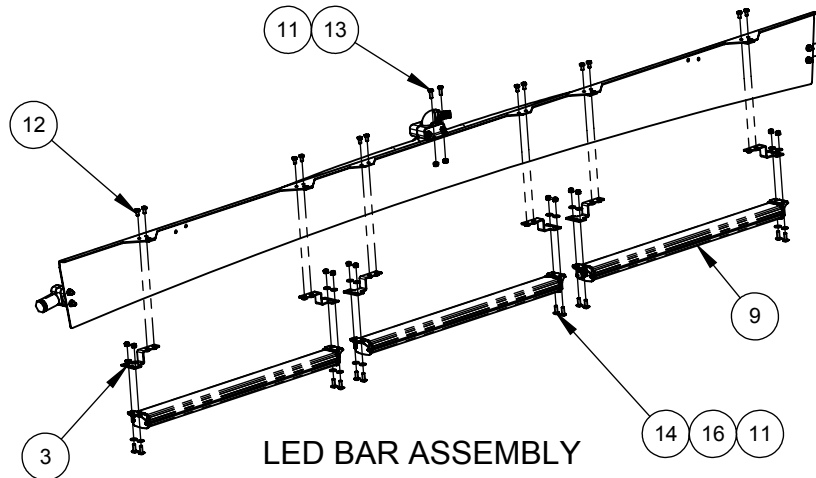
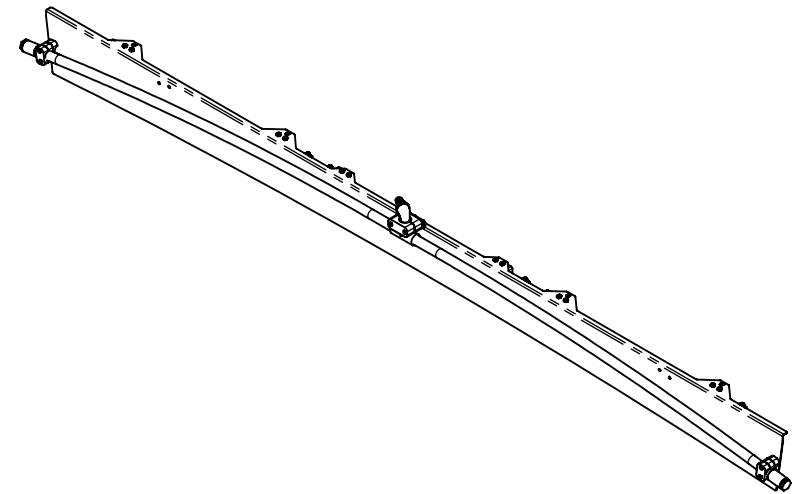


PICTORIAL PARTS CATALOG		
DESCRIPTION: OVERGLOW MANIFOLD		
DWG. NO. 11250284	REV 00	SHEET 1 OF 1
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small>		<small>ADOVER COMPANY</small>



MANIFOLD ASSEMBLY

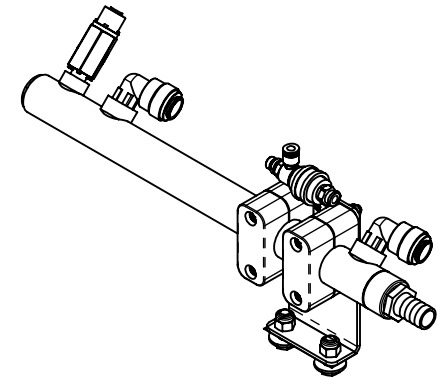
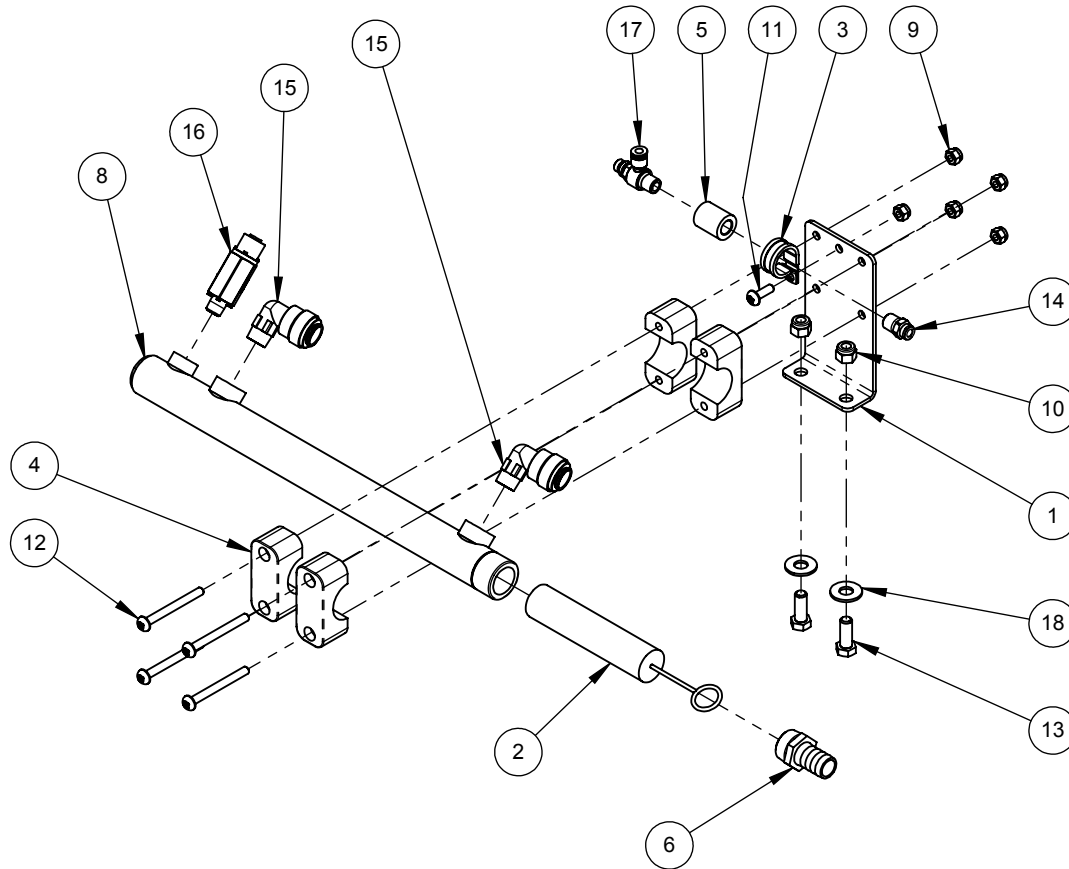
ITEM	PART #	DESCRIPTION
1	06141329	BRACKET,DEFLECTOR,CENTER-SPRT,SST,LW360P
2	06141310	BRACKET,DEFLECTOR,OVERGLOW,SST,LW360P
3	06141313	BRACKET,LED-LIGHT,OVERGLOW,SYMM,LW360P
4	75025	CLAMP,PIPE,1.00,PP,STANDARD
5	75016	CLAMP,TUBE,1",PP,STANDARD
6	75016	CLAMP,TUBE,1",PP,STANDARD-HALF
7	67493-4S	ELBOW,STREET,3/4NPT,90DEG,SC40,SST
8	68123-MHN	HOSE-BARB,3/4HX3/4MNPT,NYL
9	11310115	LIGHT,LED,2-BOARD,OVERGLOW
10	03220290	MANIFOLD,OVERGLOW,PVC,LASERWASH
11	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
12	70106-HCS	SCREW,1/4-20x.50,HHCS,SST
13	70108-HCS	SCREW,1/4-20x.75,HHCS,SST
14	05040133	SCREW,1/4-20x.75,PTHMS,SST
15	70116-SCS	SCREW,1/4-20x2.50,PPHMS,SST
16	71511-FS	WASHER,1/4,FLAT,SST





LED BAR ASSEMBLY

PICTORIAL PARTS CATALOG		
DESCRIPTION: OVERGLOW APPLICATOR MANIFOLD ASSEMBLY		
DWG. NO.	REV	SHEET
11250262	01	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

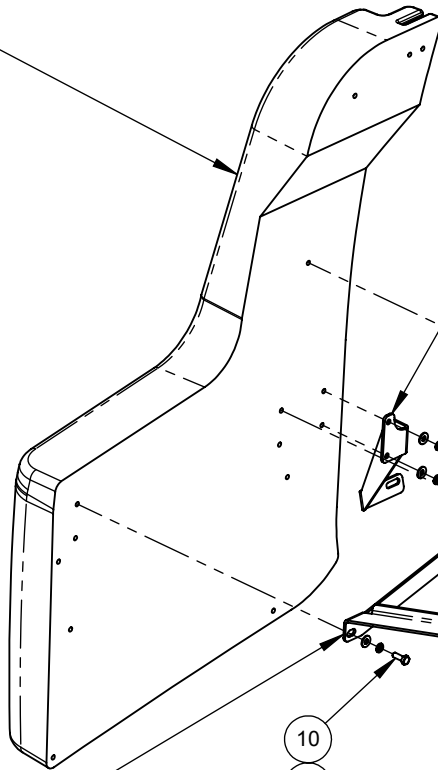
ITEM	PART #	DESCRIPTION
1	06141289	BRACKET,MOUNT,FOAMER,OVERFLOW,LW360P
2	06500080	BRUSH,FOAMER,1.125X5,OVERFLOW
3	05050024	CLAMP,CUSHION,1",SST
4	75025	CLAMP,PIPE,1.00,PP,STANDARD
5	67792-4S	COUPLING,1/4NPT,SST
6	68123-MHN	HOSE-BARB,3/4Hx3/4MNPT,NYL
7	11250261A	LABEL,SET,OVERFLOW,FLUID-IDENT,LW360P
8	03220299	MANIFOLD,FOAMER,SST,OVERFLOW
9	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
10	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
11	70108-SCS	SCREW,1/4-20x.75,PPHMS,SST
12	70116-SCS	SCREW,1/4-20x2.50,PPHMS,SST
13	70180-HCS	SCREW,3/8-16x1.00,HHCS,SST
14	24025-PB	TUBE-FTG,CONN,1/4Tx1/4NPT,PUSH,BRS
15	03320066	TUBE-FTG,ELBOW,1/2CTSx3/8MPT,PLSTC
16	03010129	VALVE,CHECK,1/4PCF-INx1/4NPT-OUT,3#
17	03010183	VALVE,FLOW-CTRL,1/4NPTx1/4TUBE,90
18	71513-FS	WASHER,3/8,FLAT,1-OD,.083THK,SST



PICTORIAL PARTS CATALOG		
DESCRIPTION: OVERFLOW FOAMER MANIFOLD		
DWG. NO. 11250261	REV 02	SHEET 1 OF 1
		
VEHICLE WASH SYSTEMS		
PART OF OPW		

ITEM	PART #	DESCRIPTION
1	06141328-LH	BRACKET,BOTTOM-COVER,EXIT,CRNR,LW360P,LH
2	06141328-RH	BRACKET,BOTTOM-COVER,EXIT,CRNR,LW360P,RH
3	06141271-LH	BRACKET,COVER,LW360P,EXIT,INSIDE,LH
4	06141271-RH	BRACKET,COVER,LW360P,EXIT,INSIDE,RH
5	06141312-LH	BRACKET,COVER,LW360P,EXIT,OUTSIDE,V,LH
6	06141312-RH	BRACKET,COVER,LW360P,EXIT,OUTSIDE,V,RH
7	06160498	COVER,BRIDGE,LEFT,LW/TDM
8	06160499	COVER,BRIDGE,RIGHT,LW/TDM
9	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
10	70108-HCS	SCREW,1/4-20x.75,HHCS,SST
11	70180-HCS	SCREW,3/8-16x1.00,HHCS,SST
12	70181-HCS	SCREW,3/8-16x1.25,HHCS,SST
13	71511-FS	WASHER,1/4,FLAT,SST
14	71511-LS	WASHER,1/4,LOCK,SST
15	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST

8 LH SHOWN; USE RH FOR RIGHT SIDE



1 LH SHOWN; USE RH FOR RIGHT SIDE

2X 2X 2X

10 14 13

2X 2X 2X

10 14 13

2X

9 15 11

3 LH SHOWN; USE RH FOR RIGHT SIDE

5 LH SHOWN; USE RH FOR RIGHT SIDE

10
14
13

11
15 2X
9

12
15 2X
9

11 15 9
2X 4X 2X

EXIT COVER MOUNTING
LEFT HAND SHOWN
RIGHT HAND SIMILAR AS NOTED

PICTORIAL PARTS CATALOG

DESCRIPTION:

BRIDGE COVER

DWG. NO.

11260112

REV

05

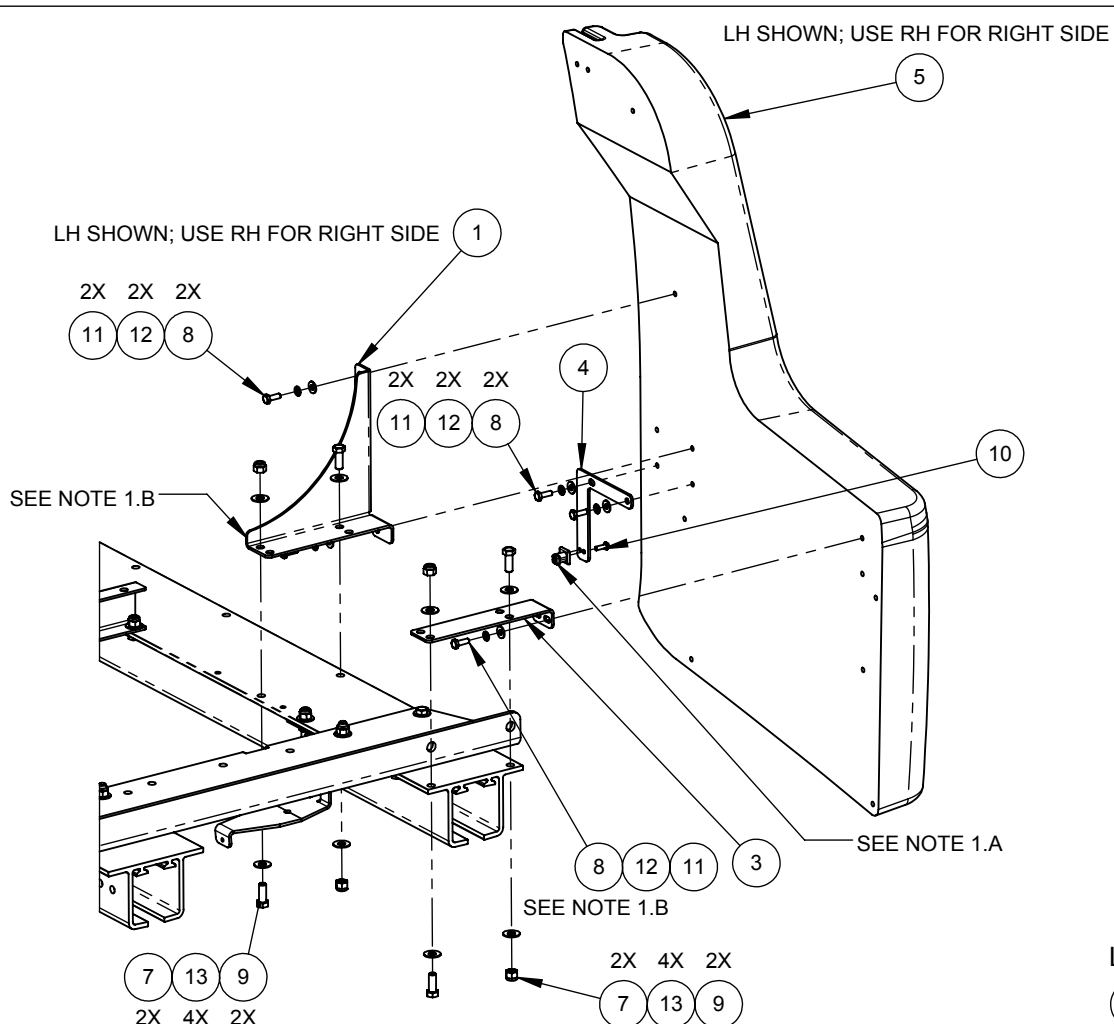
SHEET

1 OF 8



PART OF OPW

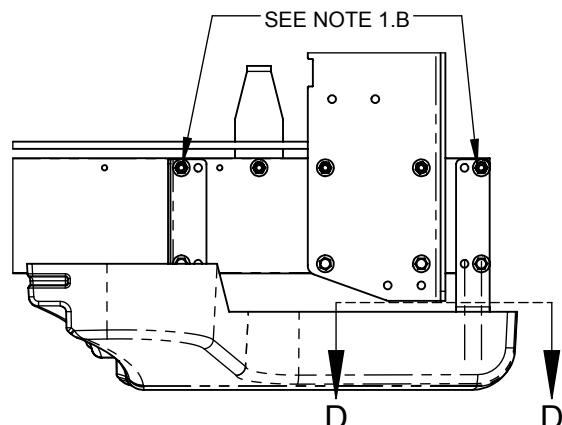
DOVER COMPANY



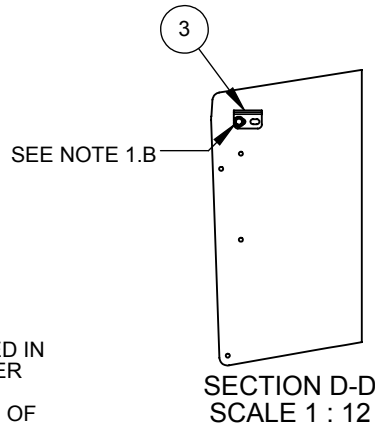
ENTRANCE COVER MOUNTING
LEFT HAND SHOWN
RIGHT HAND SIMILAR AS NOTED

- NOTES
1. CONSTRUCTION:
 - A. LATCH 02050007 IS PART OF CENTER COVER ASSEMBLIES AND CONTAINED IN BOMS 11260114 AND 11260121. LATCH HANDLE IS INSTALLED ONTO CENTER COVERS. LATCH CATCH SHOWN HERE FOR MOUNTING REFERENCE.
 - B. NOTE MOUNTING LOCATION OF BRACKET 06141270-LH & -RH TO RAIL AND OF COVER TO BRACKET 06141268. ON LASERGLow VERSION, COVER TO BE MOUNTED CLOSER TO MACHINE CENTER. THIS IS TO ACCOMMODATE FOR SMALLER HDPE LASERGLow CENTER COVER.

ITEM	PART #	DESCRIPTION
1	06141270-LH	BRACKET,COVER,LW360P,ENTRANCE,INSIDE,LH
2	06141270-RH	BRACKET,COVER,LW360P,ENTRANCE,INSIDE,RH
3	06141268	BRACKET,COVER,LW360P,ENTRANCE,OUTSIDE
4	06141298	BRACKET,LATCH-CATCH,CTR-COVER,LW360P
5	06160498	COVER,BRIDGE,LEFT,LW/TDM
6	06160499	COVER,BRIDGE,RIGHT,LW/TDM
7	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
8	70108-HCS	SCREW,1/4-20x.75,HHCS,SST
9	70180-HCS	SCREW,3/8-16x1.00,HHCS,SST
10	05040068	SCREW,M5x16mm,PPHMS,SST
11	71511-FS	WASHER,1/4,FLAT,SST
12	71511-LS	WASHER,1/4,LOCK,SST
13	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST

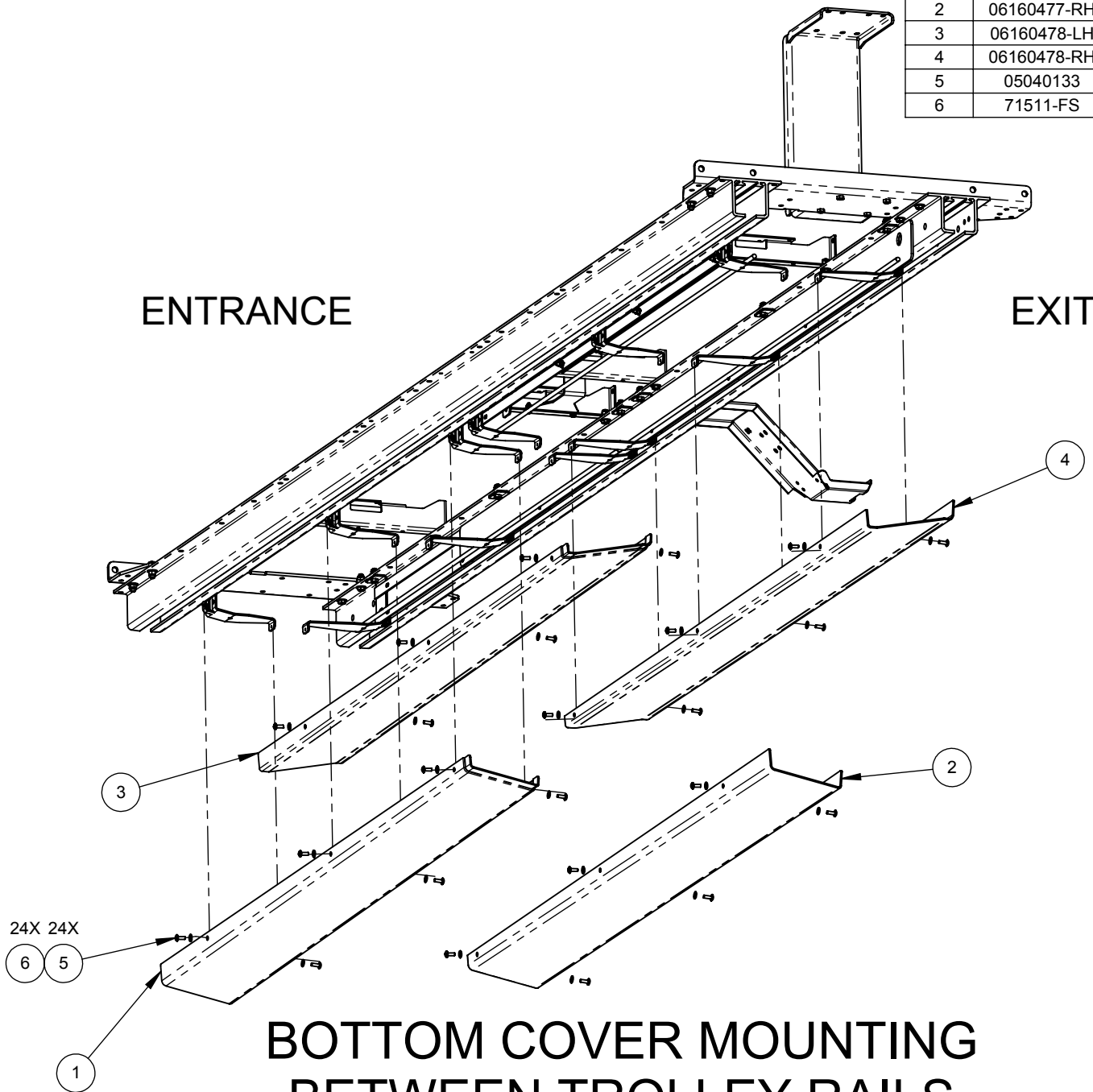


TOP VIEW COVER BRACKET LOCATION
LEFT HAND SHOWN; RIGHT HAND MIRROR IMAGE



PICTORIAL PARTS CATALOG		
DESCRIPTION: BRIDGE COVER		
DWG. NO. 11260112	REV 03	SHEET 2 OF 8
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small> 		

ITEM	PART #	DESCRIPTION
1	06160477-LH	COVER,BRIDGE,BOTTOM,ENT,LEFT,LW360P
2	06160477-RH	COVER,BRIDGE,BOTTOM,ENT,RIGHT,LW360P
3	06160478-LH	COVER,BRIDGE,BOTTOM,EXIT,LEFT,LW360P
4	06160478-RH	COVER,BRIDGE,BOTTOM,EXIT,RIGHT,LW360P
5	05040133	SCREW,1/4-20x.75,PTHMS,SST
6	71511-FS	WASHER,1/4,FLAT,SST



ENTRANCE

EXIT

BOTTOM COVER MOUNTING BETWEEN TROLLEY RAILS

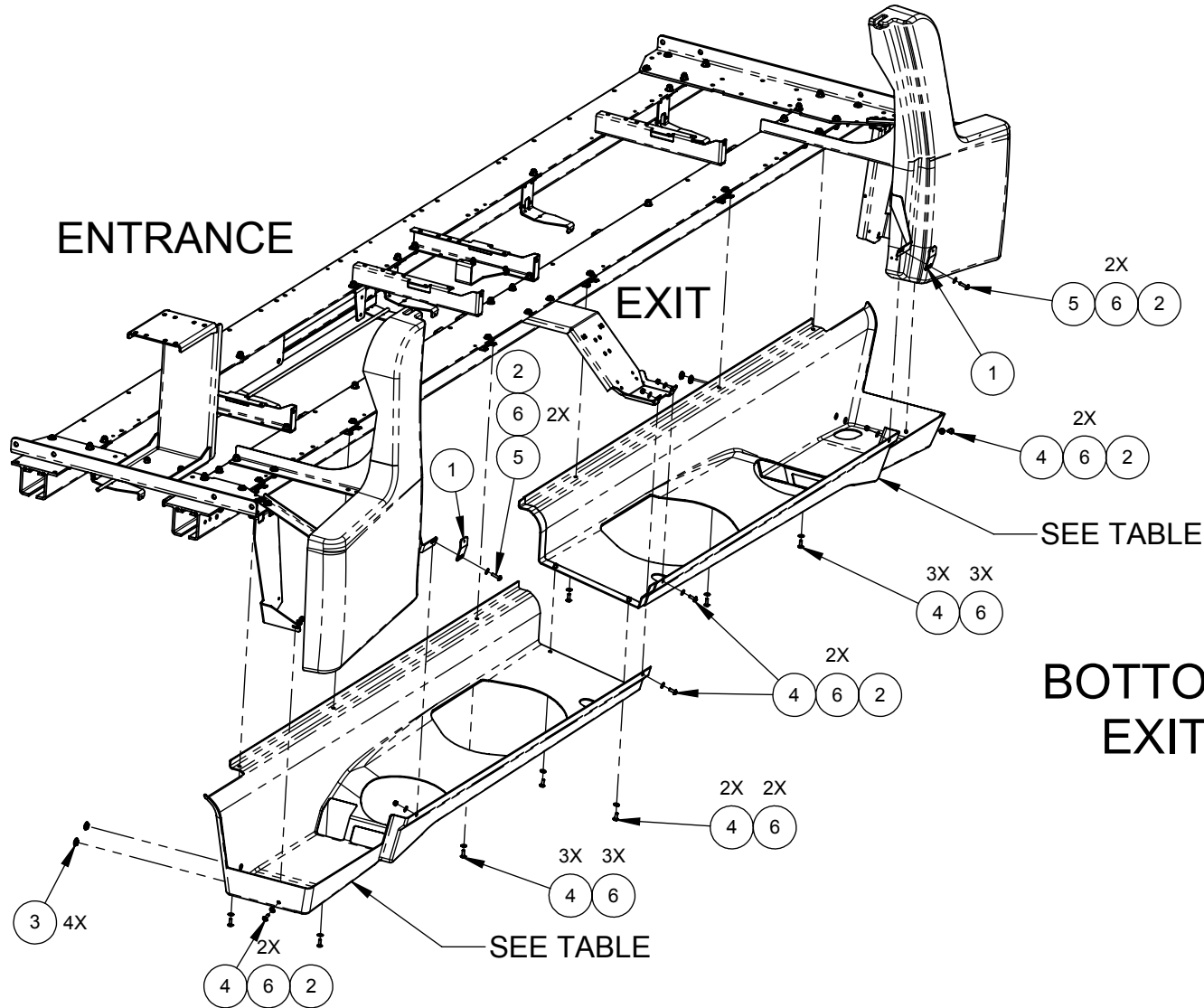
108

PICTORIAL PARTS CATALOG		
DESCRIPTION: BRIDGE COVER		
DWG. NO. 11260112	REV 05	SHEET 3 OF 8
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small>		<small>ADOVER COMPANY</small>

RIGHT HAND SIDE		LEFT HAND SIDE	
USAGE	PART NO.	USAGE	PART NO.
WITH INTEGRATED DRYER	06160483-RH	WITH INTEGRATED DRYER	06160483-LH
WITHOUT INTEGRATED DRYER	06160484-RH	WITHOUT INTEGRATED DRYER	06160484-LH


ITEM	PART #	DESCRIPTION
1	06141340	BRACKET,LATCH,CTR-CVR,EXIT,LW360PLUS
2	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
3	04330020	PLUG,HOLE,11/16",NYLON,WHITE
4	05040133	SCREW,1/4-20x.75,PTHMS,SST
5	05040201	SCREW,1/4-20x1.00,PTHMS,SST
6	71511-FS	WASHER,1/4,FLAT,SST

RIGHT HAND SIDE



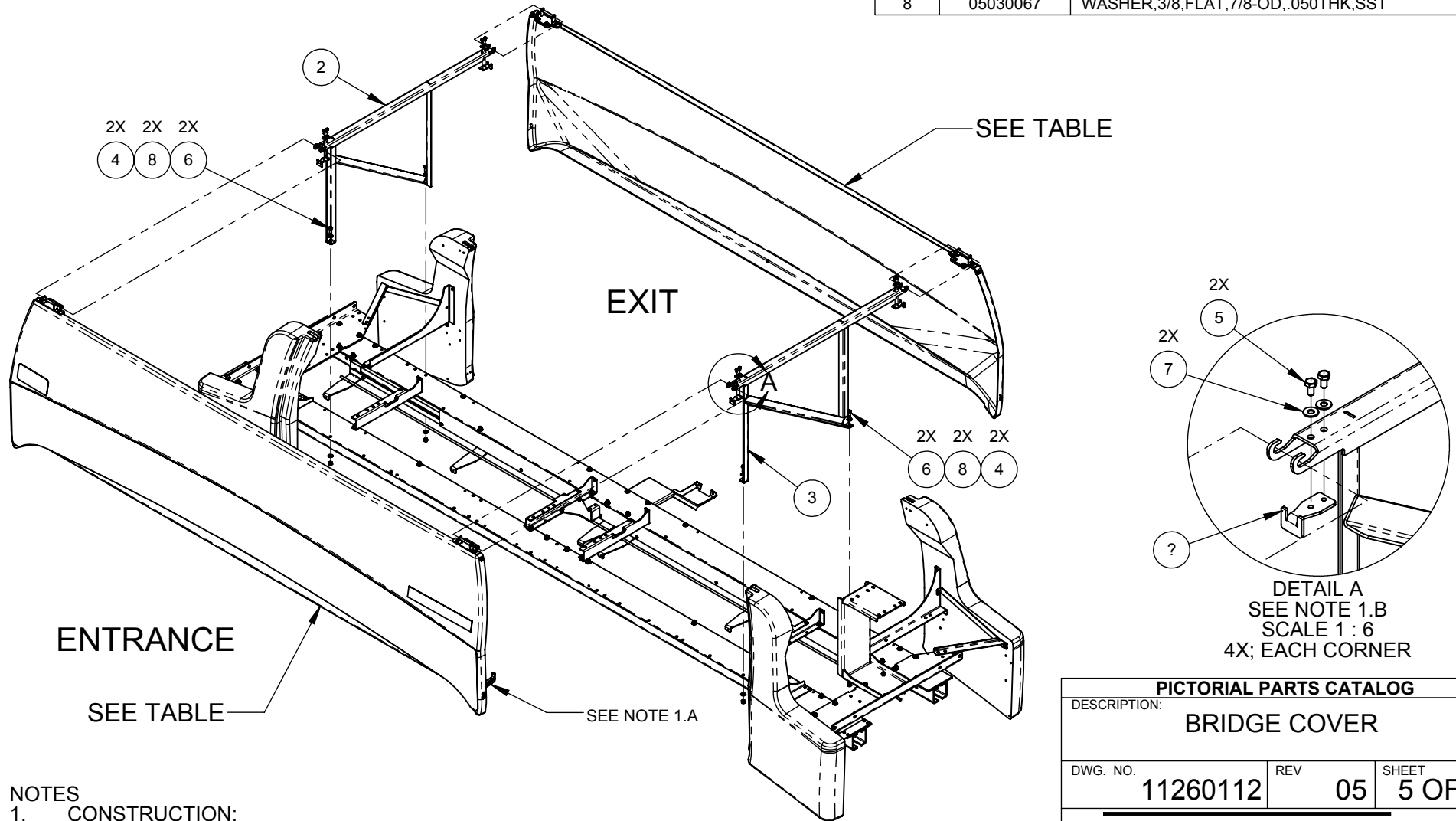
BOTTOM COVER MOUNTING
EXIT SIDE OF MACHINE

LEFT HAND SIDE



PICTORIAL PARTS CATALOG		
DESCRIPTION: BRIDGE COVER		
DWG. NO. 11260112	REV 05	SHEET 4 OF 8
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW ADOVER COMPANY</small>		

ENTRANCE CENTER COVER		EXIT CENTER COVER	
USAGE	PART NO.	USAGE	PART NO.
WITH LASERGLOW	11260121	WITH INTEGRATED DRYER	11260116
WITHOUT LASERGLOW	11260114	WITHOUT INTEGRATED DRYER	11260115

ITEM	PART #	DESCRIPTION
1	06141296	BRACKET,HINGE-CATCH,CTR-CVR,LW360P
2	06250144-LH	FRAME,MOUNT,CTR-COVER,LW360PLUS,LH
3	06250144-RH	FRAME,MOUNT,CTR-COVER,LW360PLUS,RH
4	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
5	70106-HCS	SCREW,1/4-20x.50,HHCS,SST
6	70180-HCS	SCREW,3/8-16x1.00,HHCS,SST
7	71511-FS	WASHER,1/4,FLAT,SST
8	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST

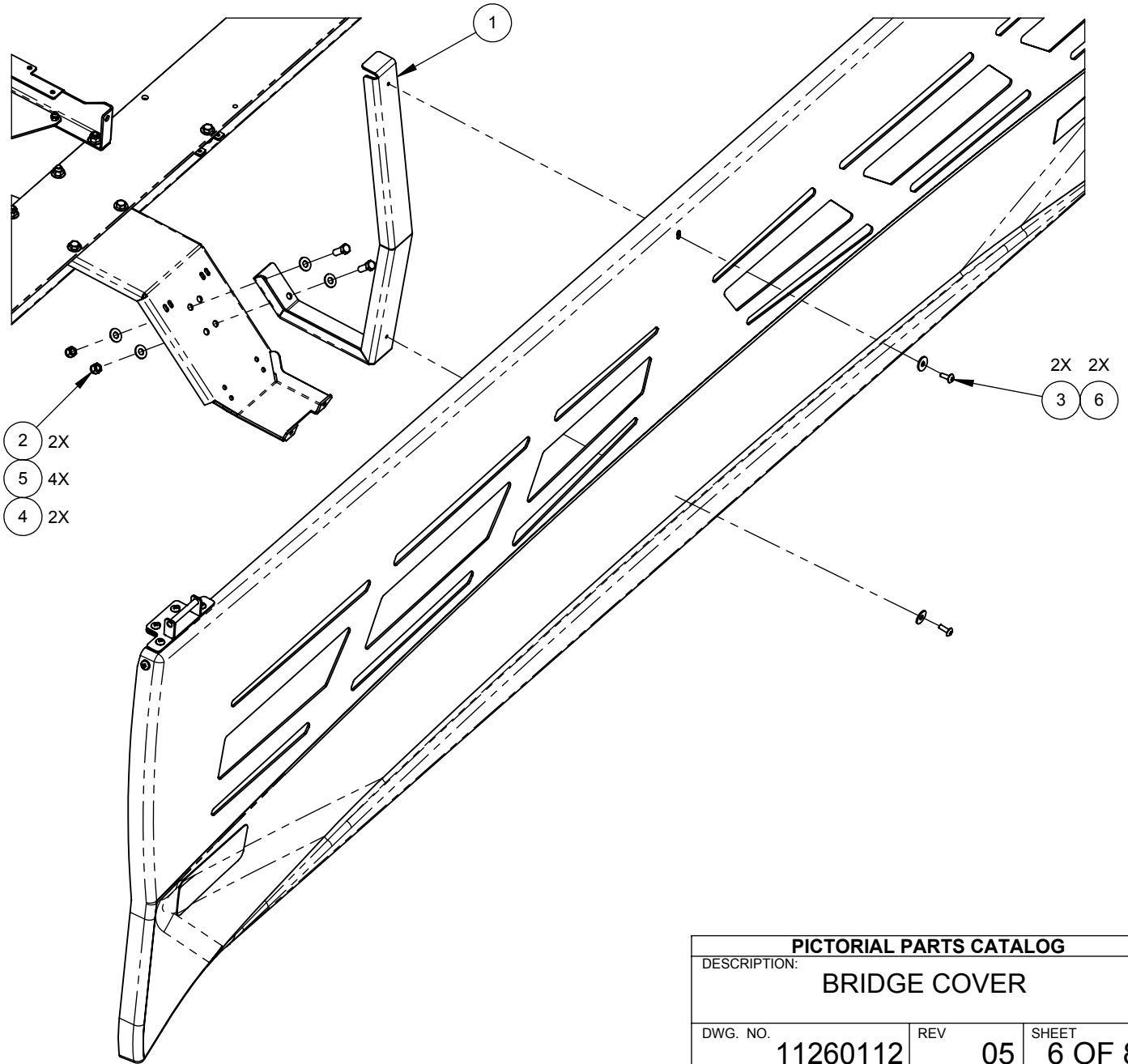





- NOTES
- CONSTRUCTION:
 - CONNECT RUBBER LATCHES TO CATCH POINTS MOUNTED ONTO ENTRANCE END COVERS
 - MOUNT CENTER COVERS AND THEN MOUNT HINGE CATCH BRACKETS 06141296 TO HOLD COVERS INTO SUPPORT FRAMES 06250144-LH AND 06250144-RH

PICTORIAL PARTS CATALOG		
DESCRIPTION: BRIDGE COVER		
DWG. NO. 11260112	REV 05	SHEET 5 OF 8
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small> 		

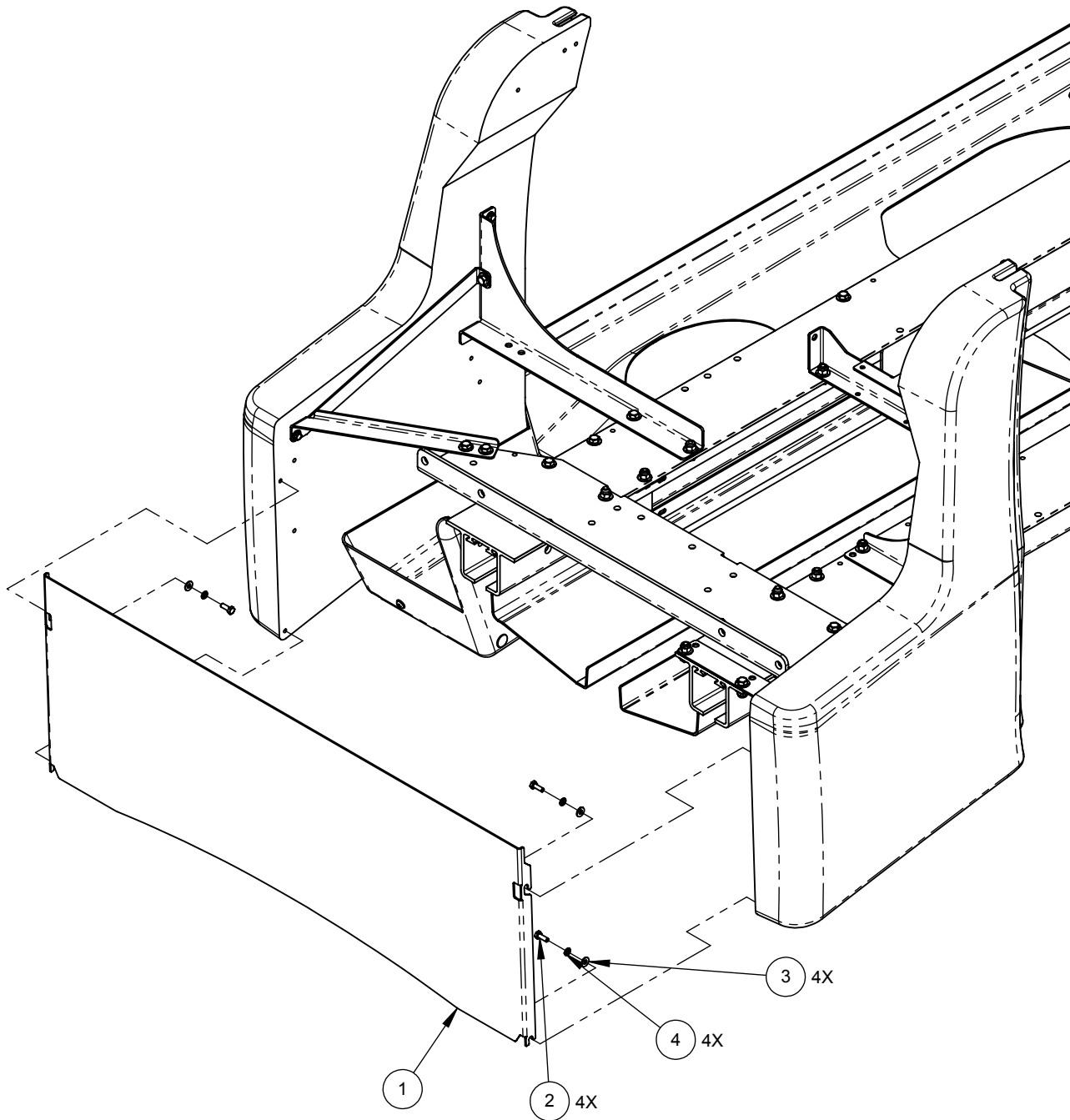
ITEM	PART #	DESCRIPTION
1	06141300	BRACKET,COVER,DRYER-STANDOFF,LW360PLUS
2	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
3	05040133	SCREW,1/4-20x.75,PTHMS,SST
4	70180-HCS	SCREW,3/8-16x1.00,HHCS,SST
5	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST
6	05030018	WASHER,M8,FENDER,SST

EXIT COVER STANDOFF MOUNTING



PICTORIAL PARTS CATALOG		
DESCRIPTION:		
BRIDGE COVER		
DWG. NO.	REV	SHEET
11260112	05	6 OF 8
		
VEHICLE WASH SYSTEMS		
PART OF OPW		

ITEM	PART #	DESCRIPTION
1	06160493	COVER,BRIDGE,RAIL-ENDS,LW360P,AL
2	70108-HCS	SCREW,1/4-20x.75,HHCS,SST
3	71511-FS	WASHER,1/4,FLAT,SST
4	71511-LS	WASHER,1/4,LOCK,SST



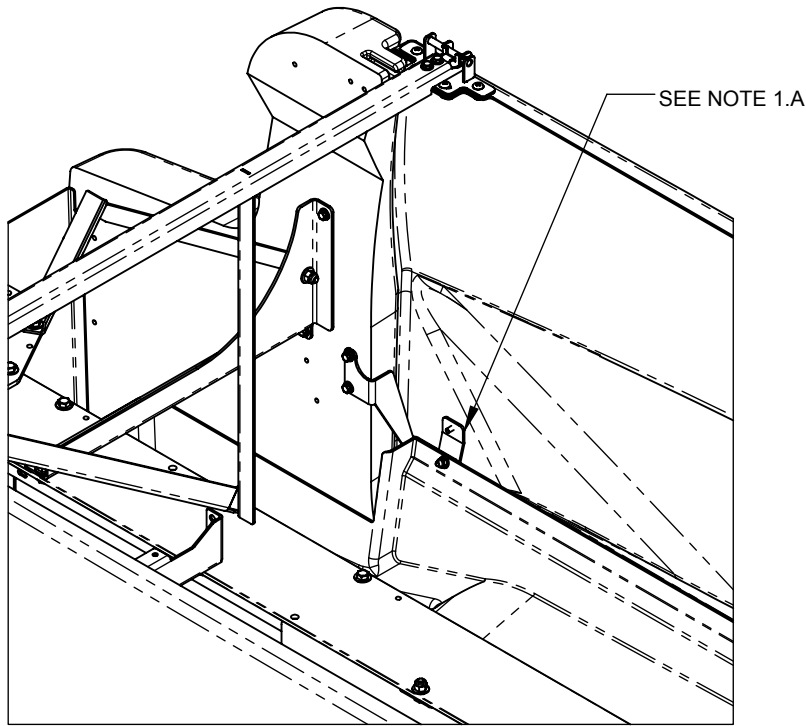
RAIL-END COVER MOUNTING
 LEFT HAND SHOWN
 RIGHT HAND SIMILAR

PICTORIAL PARTS CATALOG		
DESCRIPTION: BRIDGE COVER		
DWG. NO. 11260112	REV 05	SHEET 7 OF 8

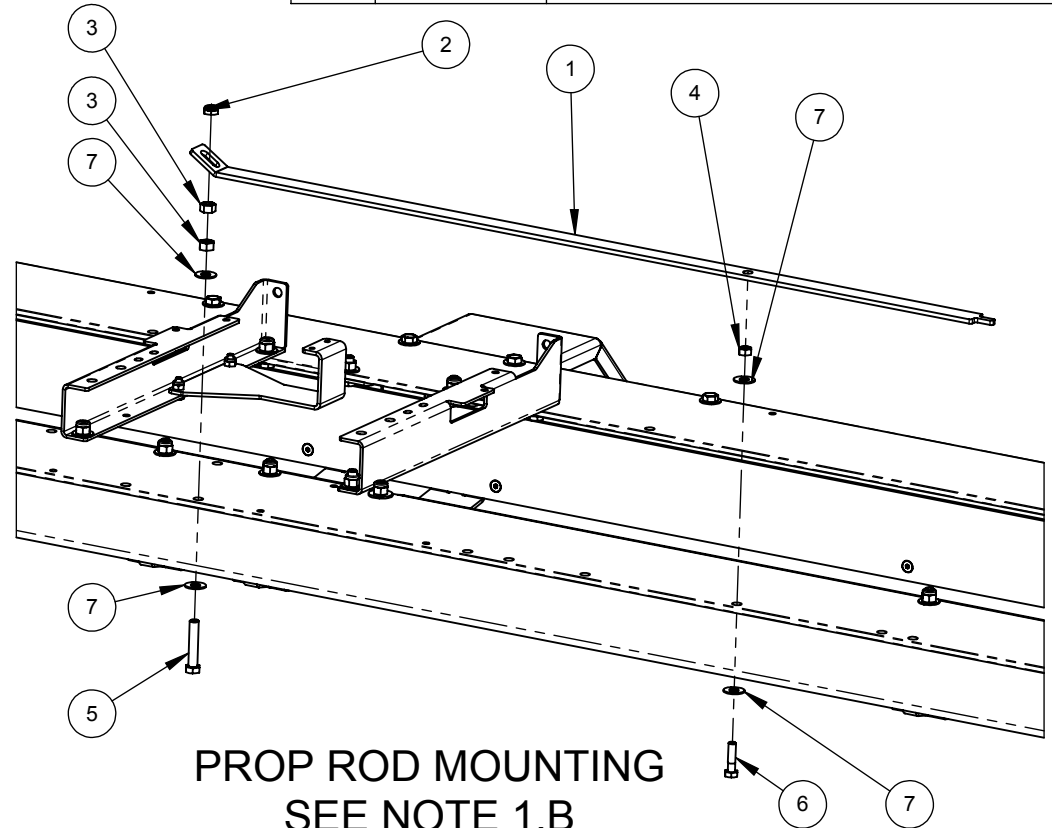



VEHICLE WASH SYSTEMS
PART OF OPW A DOVER COMPANY

ITEM	PART #	DESCRIPTION
1	06190166	BAR,SUPPORT,CENTER-COVER,LW360P
2	05020054	NUT,3/8-16,HEX,LOCK,JAM,SST
3	71013-HCS	NUT,3/8-16,HEX,SST
4	71012-HCS	NUT,5/16-18,HEX,SST
5	05040223	SCREW,3/8-16x2.00,HHCS,FULL-THD,SST
6	70146-HCS	SCREW,5/16-18x1.25,HHCS,SST
7	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST




EXIT CENTER COVER LATCHING
LEFT HAND SHOWN
RIGHT HAND SIMILAR



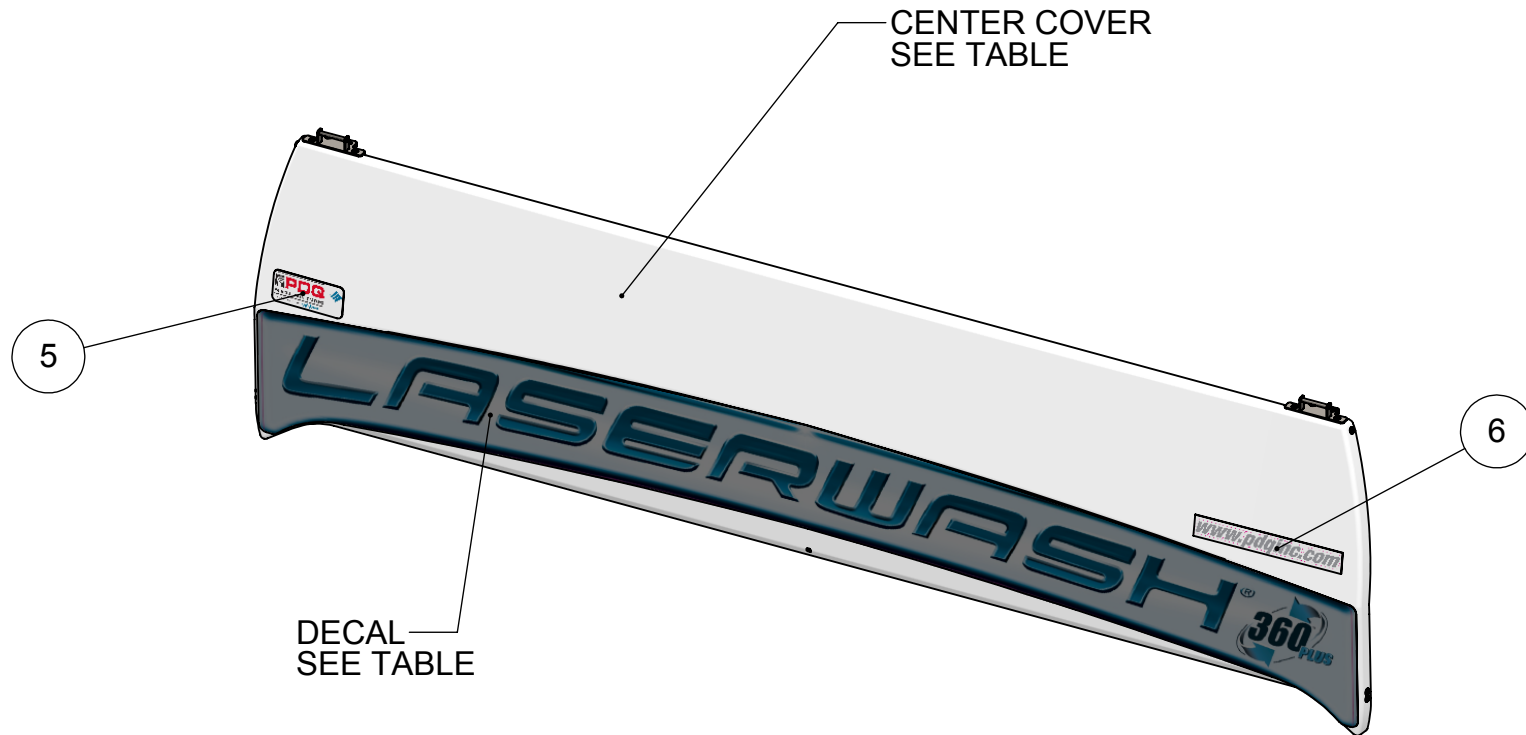
PROP ROD MOUNTING
SEE NOTE 1.B
SCALE 1:5



NOTES

1. CONSTRUCTION:
 - A. EXIT COVER LATCHING PDQ PART NUMBERS
 - i. BRACKET 06141340
 - ii. 1/4-20 SCREW 05040133
 - iii. 1/4-20 WASHER 71511-FS
 - B. NUTS BELOW THE PROP ROD TO BE TIGHTENED COMPLETELY. JAM NUT TO BE THREADED JUST PAST NYLOCK. PROP ROD SHOULD BE ABLE TO PIVOT

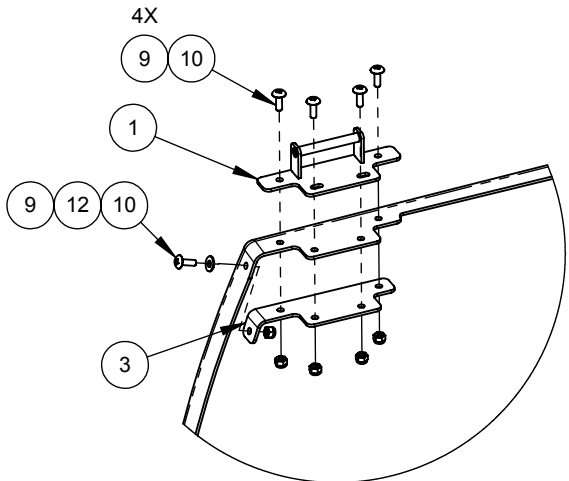
PICTORIAL PARTS CATALOG		
DESCRIPTION: BRIDGE COVER		
DWG. NO. 11260112	REV 05	SHEET 8 OF 8
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small> 		

USAGE	COVER PART NUMBER	DECAL PART NUMBER
CENTER COVER, ENTRANCE	06160488	02030671
CENTER COVER, EXIT, WITH INTEGRATED DRYER	06160489	02030344
CENTER COVER, EXIT, WITHOUT INTEGRATED DRYER	06160488	02030344

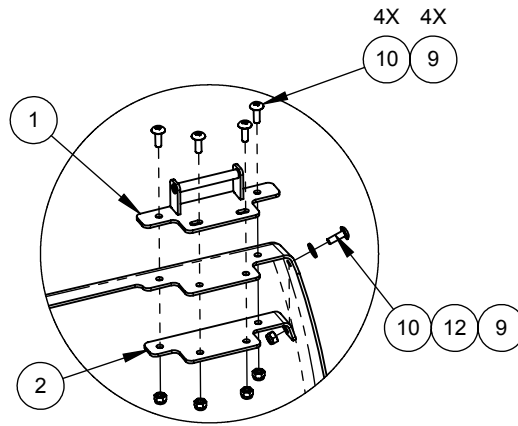


PICTORIAL PARTS CATALOG		
DESCRIPTION: CENTER BRIDGE COVERS, LW360 PLUS		
DWG. NO. 11260114	REV 01	SHEET 1 OF 2
		
VEHICLE WASH SYSTEMS		
PART OF OPW		

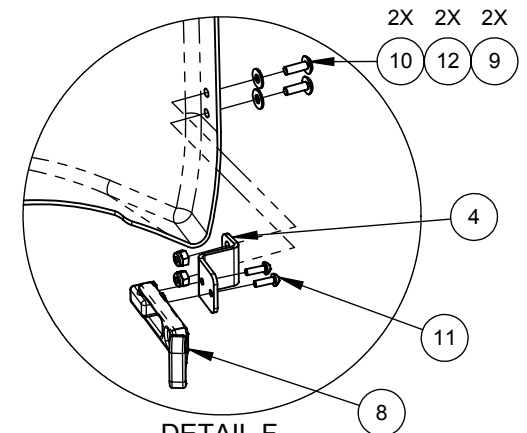
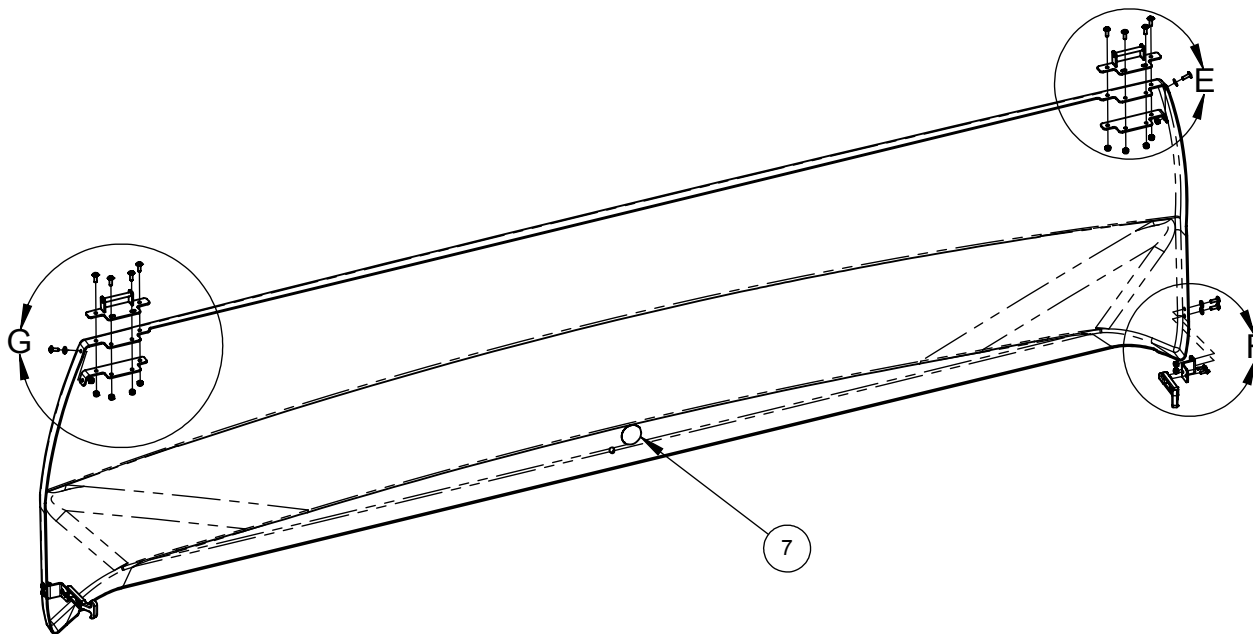
ITEM	PART #	DESCRIPTION
1	06141273	BRACKET,HINGE,CTR-CVR,LW360PLUS
2	06141275-LH	BRACKET,HINGE-SUPPORT,LW360PLUS,SST,LH
3	06141275-RH	BRACKET,HINGE-SUPPORT,LW360PLUS,SST,RH
4	06141299	BRACKET,LATCH-HANDLE,CTR-COVER,LW360P
5	02030393	DECAL,PDQ-LOGO,7-1/2 x 3-1/8
6	02030394	DECAL,PDQINC.COM,15-1/2 x 2-1/8
7	02030343	DECAL,WARNING,SAFETY,HARNESS,REQUIRED
8	02050007	LATCH,DRAW,FLEXIBLE,PLSTC
9	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
10	05040133	SCREW,1/4-20x.75,PTHMS,SST
11	05040068	SCREW,M5x16mm,PPHMS,SST
12	71511-FS	WASHER,1/4,FLAT,SST



DETAIL G
SCALE 1 : 8
RIGHT HAND HINGE
MOUNTING SHOWN



DETAIL E
SCALE 1 : 8
LEFT HAND HINGE
MOUNTING SHOWN





DETAIL F
SCALE 1 : 6


PICTORIAL PARTS CATALOG

DESCRIPTION:
CENTER BRIDGE COVERS, LW360 PLUS

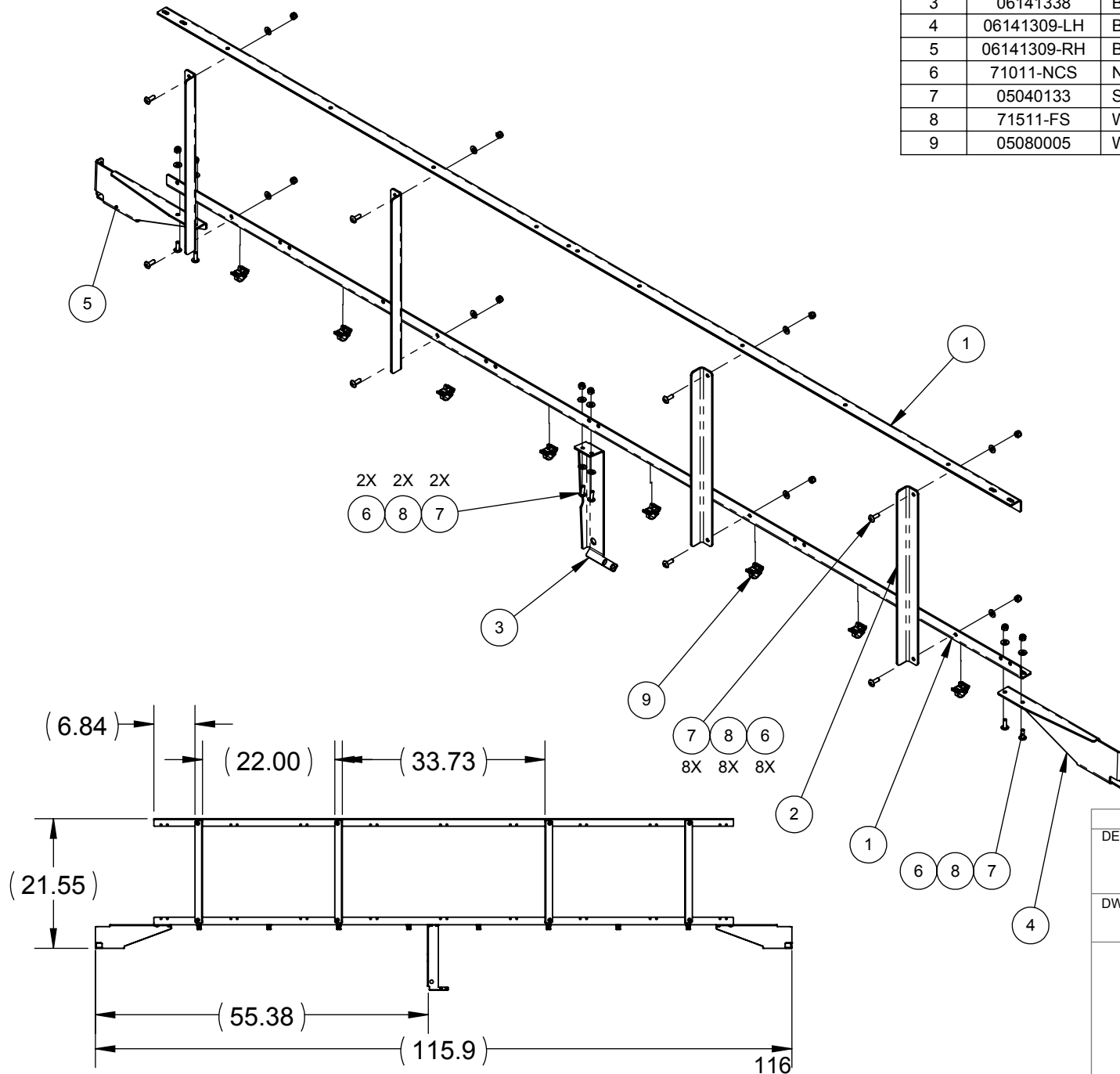
DWG. NO.	REV	SHEET
11260114	01	2 OF 2

VEHICLE WASH SYSTEMS

PART OF OPW  COMPANY

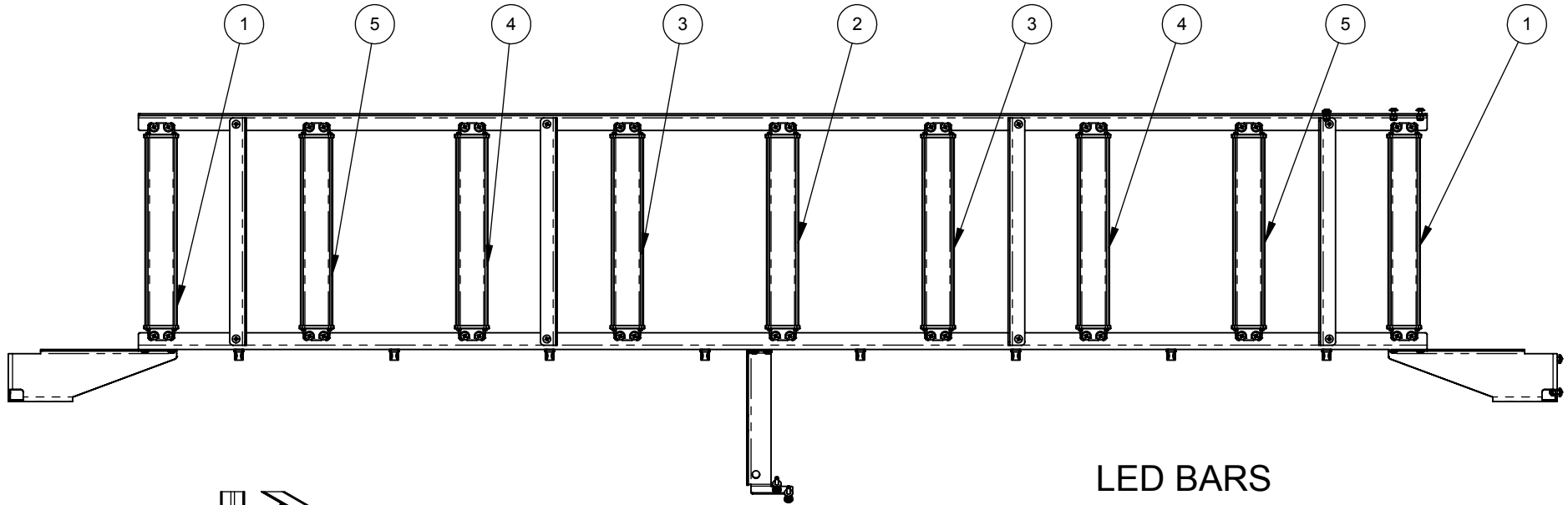
ITEM	PART #	DESCRIPTION
1	06141306	BRACKET,FRAME,LGLO,HORIZ,LW360P
2	06141308	BRACKET,FRAME,LGLOW,VERT,LW360P
3	06141338	BRACKET,LGLOW,PROP-CATCH,LW360P
4	06141309-LH	BRACKET,MOUNT-BOTTOM,LGLOW,LH,LW360P
5	06141309-RH	BRACKET,MOUNT-BOTTOM,LGLOW,RH,LW360P
6	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
7	05040133	SCREW,1/4-20x.75,PTHMS,SST
8	71511-FS	WASHER,1/4,FLAT,SST
9	05080005	WIRE-CLIP,12.7mmDIA,LATCH,NYLON,PUSHBARB



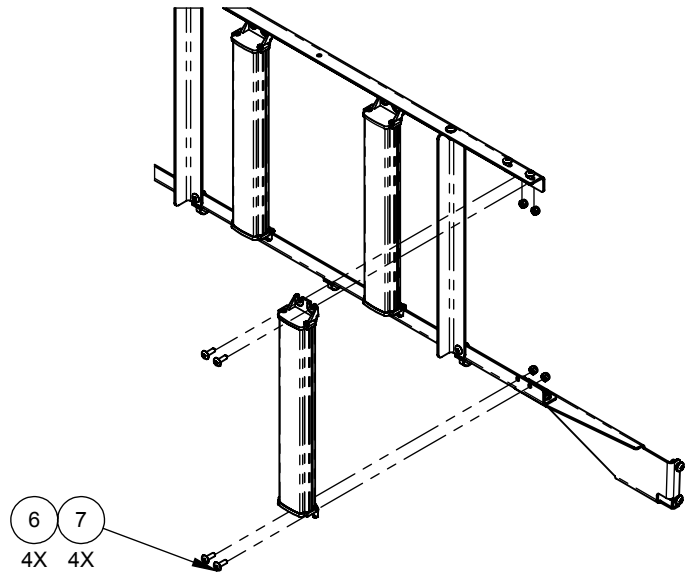
FRAME STRUCTURE

PICTORIAL PARTS CATALOG		
DESCRIPTION: LASERGLow CENTER COVER		
DWG. NO. 11260121	REV 01	SHEET 1 OF 3
		
VEHICLE WASH SYSTEMS		<small>PART OF OPW</small>  COMPANY

ITEM	PART #	DESCRIPTION
1	11310120	LIGHT,LED-BAR,ASSY,ENTR,COV,104",LW360P
2	11310124	LIGHT,LED-BAR,ASSY,ENTR,COV,58",LW360P
3	11310123	LIGHT,LED-BAR,ASSY,ENTR,COV,69",LW360P
4	11310122	LIGHT,LED-BAR,ASSY,ENTR,COV,81",LW360P
5	11310121	LIGHT,LED-BAR,ASSY,ENTR,COV,93",LW360P
6	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
7	05040133	SCREW,1/4-20x.75,PTHMS,SST



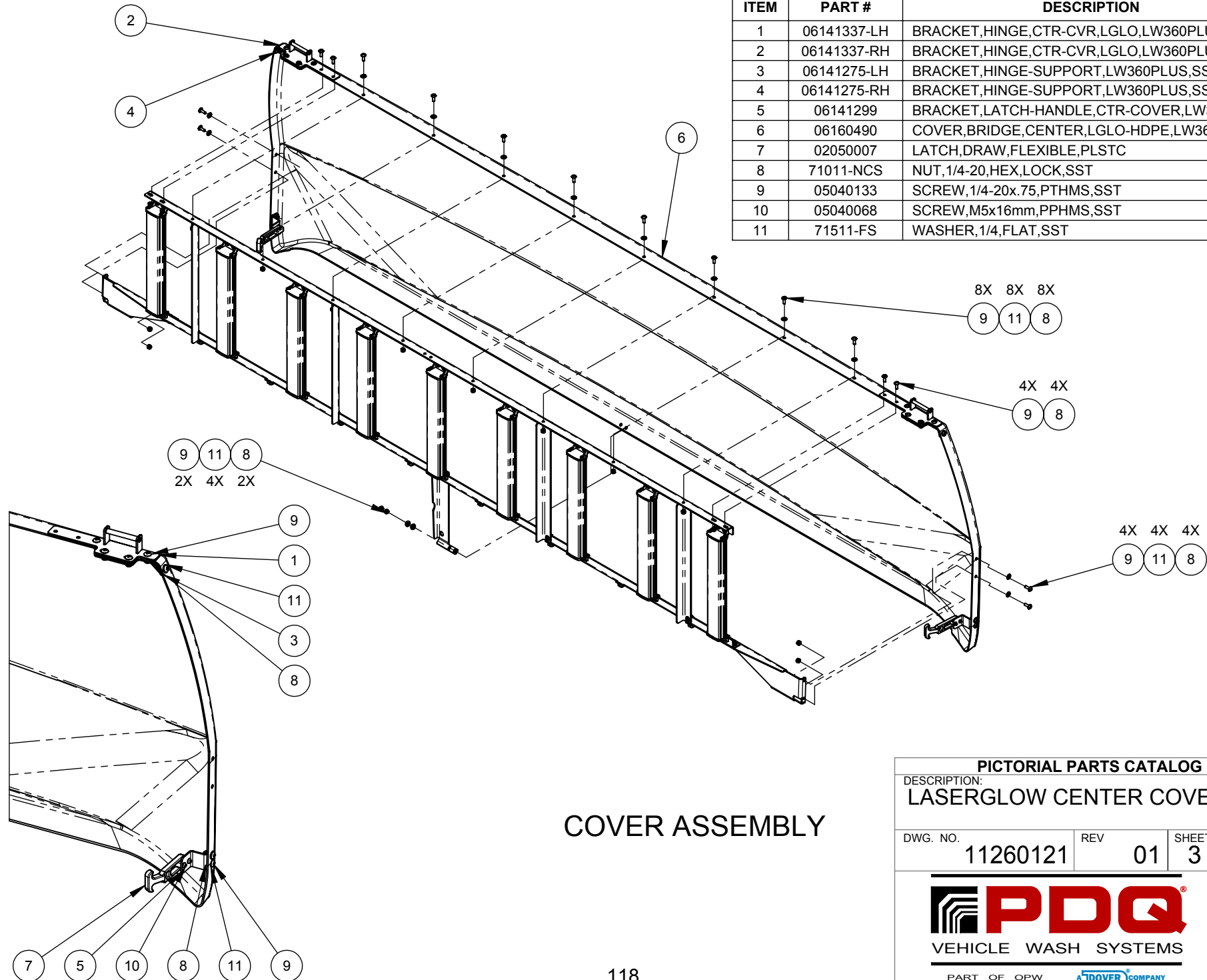
LED BARS



6 7
4X 4X

PICTORIAL PARTS CATALOG		
DESCRIPTION: LASERGLOW CENTER COVER		
DWG. NO. 11260121	REV 01	SHEET 2 OF 3
		
VEHICLE WASH SYSTEMS		
PART OF OPW		

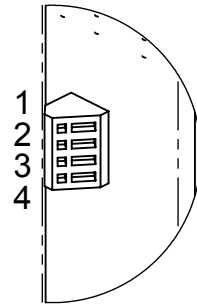
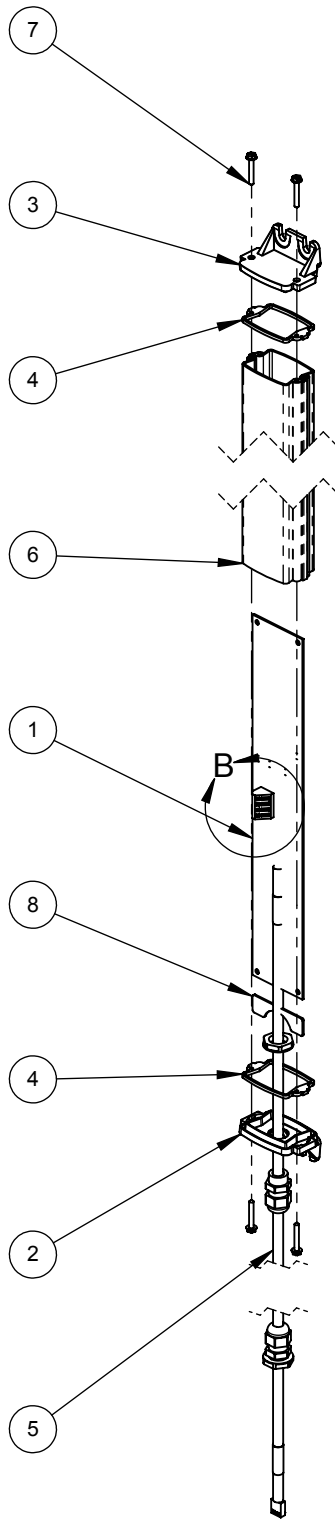
ITEM	PART #	DESCRIPTION
1	06141337-LH	BRACKET,HINGE,CTR-CVR,LGLO,LW360PLUS,LH
2	06141337-RH	BRACKET,HINGE,CTR-CVR,LGLO,LW360PLUS,RH
3	06141275-LH	BRACKET,HINGE-SUPPORT,LW360PLUS,SST,LH
4	06141275-RH	BRACKET,HINGE-SUPPORT,LW360PLUS,SST,RH
5	06141299	BRACKET,LATCH-HANDLE,CTR-COVER,LW360P
6	06160490	COVER,BRIDGE,CENTER,LGLO-HDPE,LW360P
7	02050007	LATCH,DRAW,FLEXIBLE,PLSTC
8	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
9	05040133	SCREW,1/4-20x.75,PTHMS,SST
10	05040068	SCREW,M5x16mm,PPHMS,SST
11	71511-FS	WASHER,1/4,FLAT,SST



COVER ASSEMBLY

PICTORIAL PARTS CATALOG		
DESCRIPTION: LASERGLow CENTER COVER		
DWG. NO. 11260121	REV 01	SHEET 3 OF 3
		
VEHICLE WASH SYSTEMS		
PART OF OPW		

ITEM	PART #	DESCRIPTION
1	04580049	CIRCUIT-BOARD,LED,SMD,3-COLOR
2	06160446-LH	COVER,END-CAP,LED-BAR,PLSTC,LH,W-HOLE
3	06160446-RH	COVER,END-CAP,LED-BAR,PLSTC,RH,NO-HOLE
4	06070066	GASKET,END-CAP,LED-LIGHTBARS,RUBBER
5	SEE TABLE	HARNESS,LED,ENTR,COVER,PROGLOW
6	06050107	HOUSING,LED-LIGHT,1-BOARD,CLEAR,ICON
7	05040284	SCREW,#6x1.00,SHHMS,SST
8	06390023	SPACER,PLATE,BOARD-MNT,LED-TUBE,ICON



DETAIL B
SCALE 1 : 2

CABLE CONNECTIONS		
CABLE COLOR	CONNECTOR	PIN NUMBER
BLACK	J1	1
WHITE	J1	2
RED	J1	3
GREEN	J1	4



P/N	DESCRIPTION	HARNESS P/N
11310120	LIGHT,LED-BAR,ASSY,ENT,COV,104",LW360P	04080441
11310121	LIGHT,LED-BAR,ASSY,ENT,COV,93",LW360P	04080442
11310122	LIGHT,LED-BAR,ASSY,ENT,COV,81",LW360P	04080443
11310123	LIGHT,LED-BAR,ASSY,ENT,COV,69",LW360P	04080444
11310124	LIGHT,LED-BAR,ASSY,ENT,COV,58",LW360P	04080444 19

PICTORIAL PARTS CATALOG

DESCRIPTION:
LASERGLOW LED BAR, LW360 PLUS

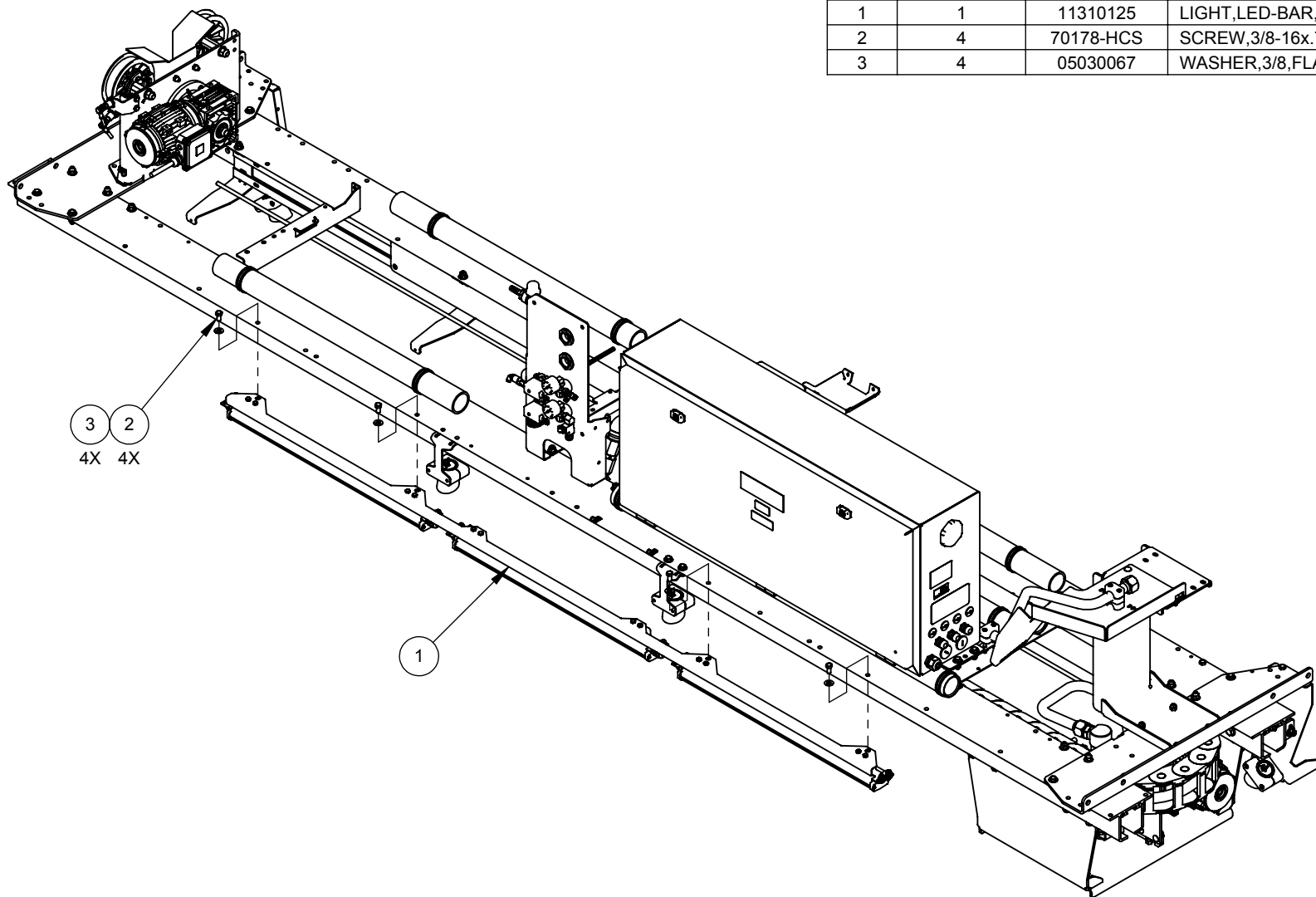
DWG. NO. 11310119 REV 00 SHEET 1 OF 1






VEHICLE WASH SYSTEMS

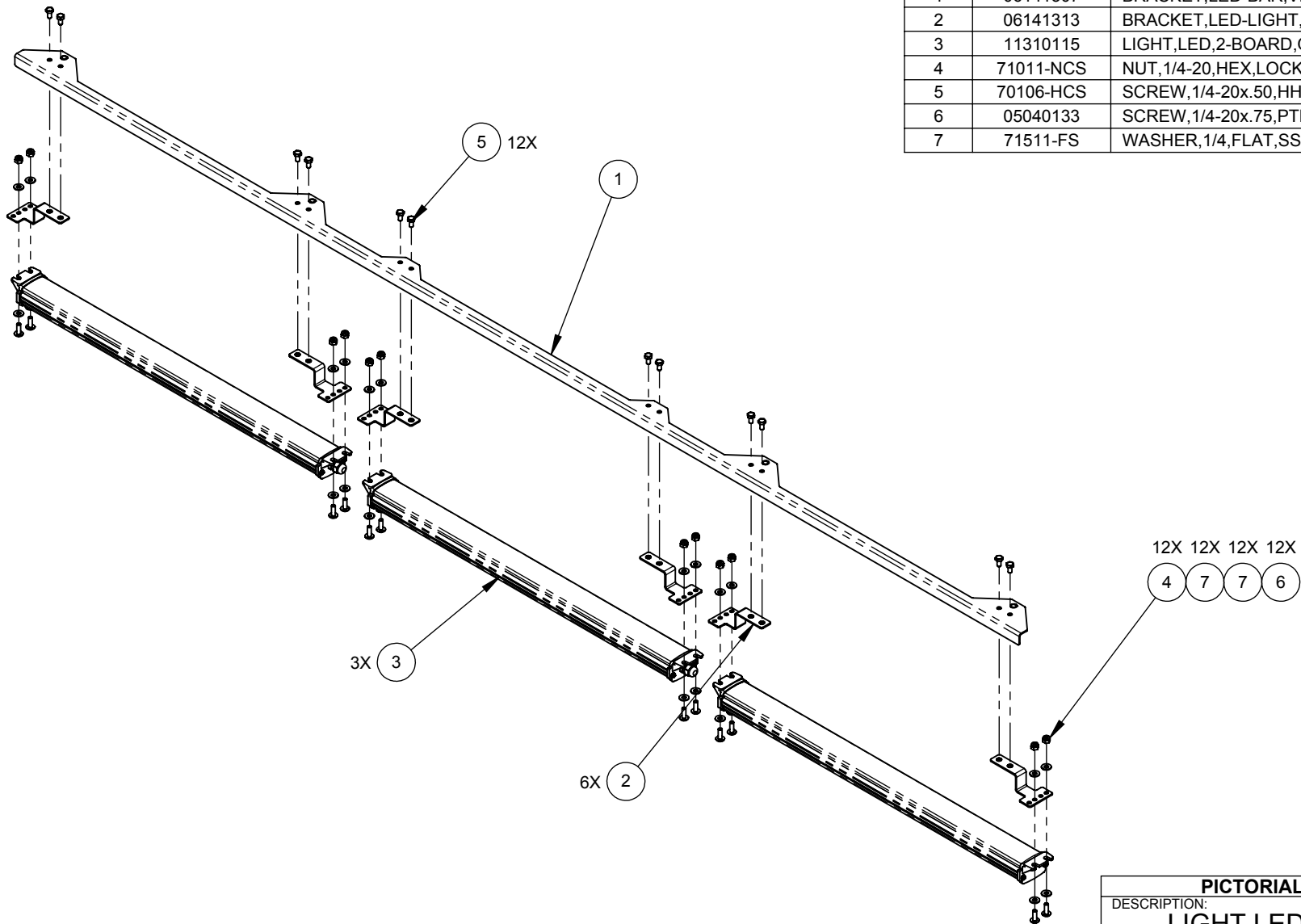
PART OF OPW A DOVER COMPANY




ITEM	QTY.	PART #	DESCRIPTION
1	1	11310125	LIGHT,LED-BAR,VEHICLE-PROJECT,LW360P
2	4	70178-HCS	SCREW,3/8-16x.75,HHCS,SST
3	4	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST



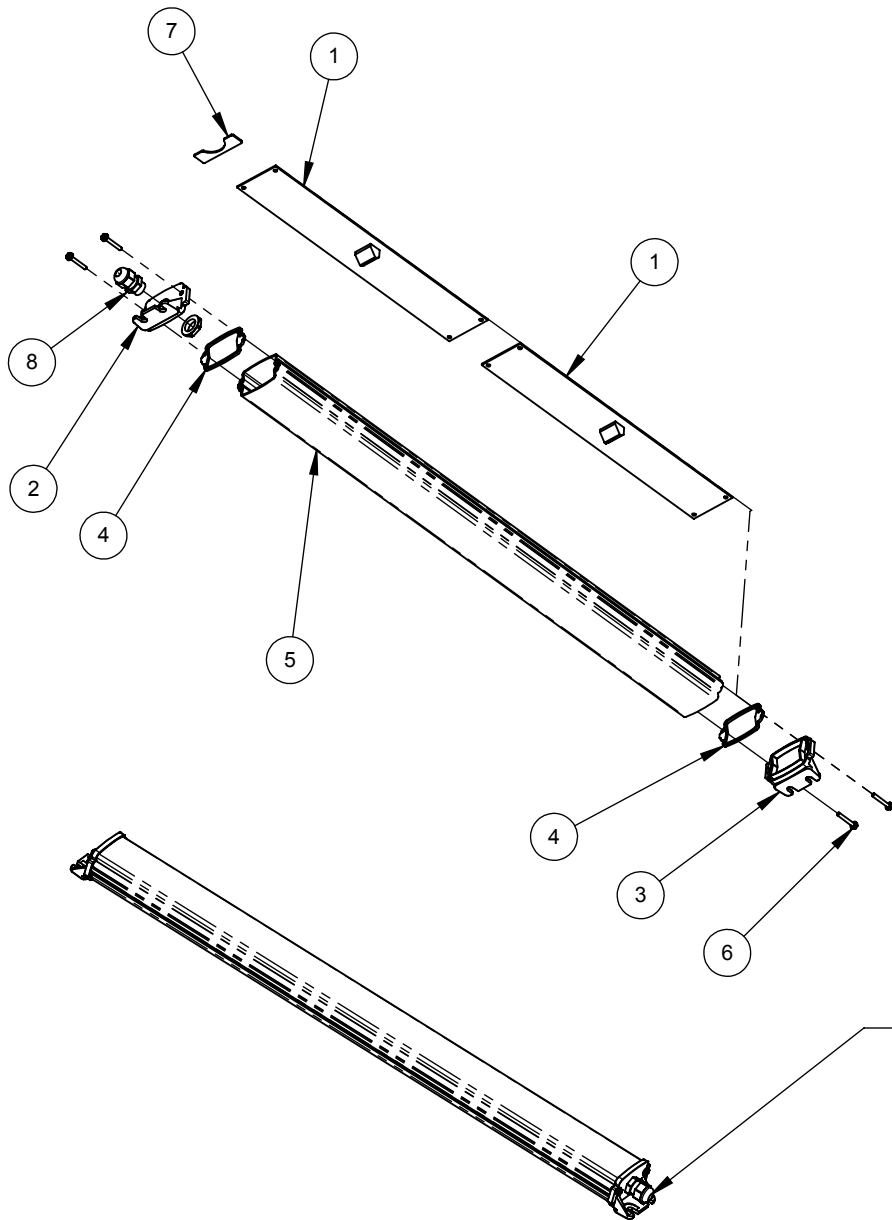
PICTORIAL PARTS CATALOG		
DESCRIPTION: LIGHT,VEHICLE-PROJECT,LED, BRIDGE,LW360P		
DWG. NO.	REV	SHEET
09020213	00	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	06141307	BRACKET,LED-BAR,VEHICLE-PROJECT,LW360P
2	06141313	BRACKET,LED-LIGHT,OVERGLOW,SYMM,LW360P
3	11310115	LIGHT,LED,2-BOARD,OVERGLOW
4	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
5	70106-HCS	SCREW,1/4-20x.50,HHCS,SST
6	05040133	SCREW,1/4-20x.75,PTHMS,SST
7	71511-FS	WASHER,1/4,FLAT,SST



PICTORIAL PARTS CATALOG		
DESCRIPTION: LIGHT,LED-BAR,VEHICLE-PROJECT,LW360P		
DWG. NO.	REV	SHEET
11310125	00	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	04580051	CIRCUIT-BOARD,LED,3-COLOR,FLOOD
2	06160446-LH	COVER,END-CAP,LED-BAR,PLSTC,LH,W-HOLE
3	06160446-RH	COVER,END-CAP,LED-BAR,PLSTC,RH,NO-HOLE
4	06070066	GASKET,END-CAP,LED-LIGHTBARS,RUBBER
5	06050106	HOUSING,LED-LIGHT,2-BOARD,CLEAR,ICON
6	05040284	SCREW,#6x1.00,SHHSMS,SST
7	06390023	SPACER,PLATE,BOARD-MNT,LED-TUBE,ICON
8	04450024	STRAIN-RELIEF,.138-.315",W/LOCKNUT,NYLON



WIRE HARNESS
04080555

PICTORIAL PARTS CATALOG

DESCRIPTION:
OVERGLOW/LASERGLOW LED BAR

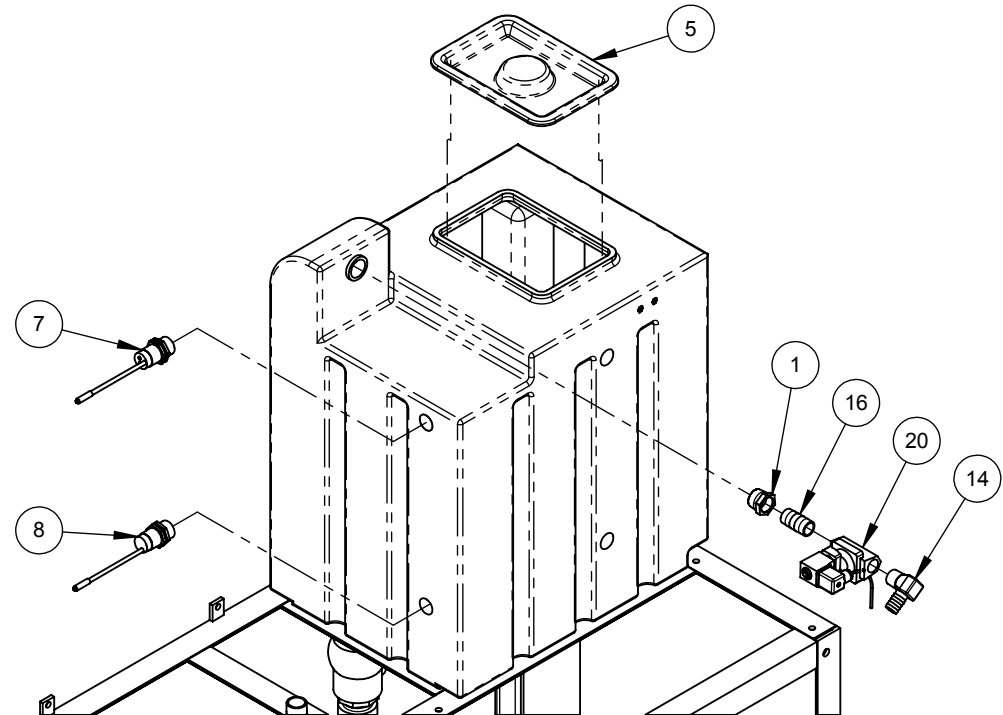
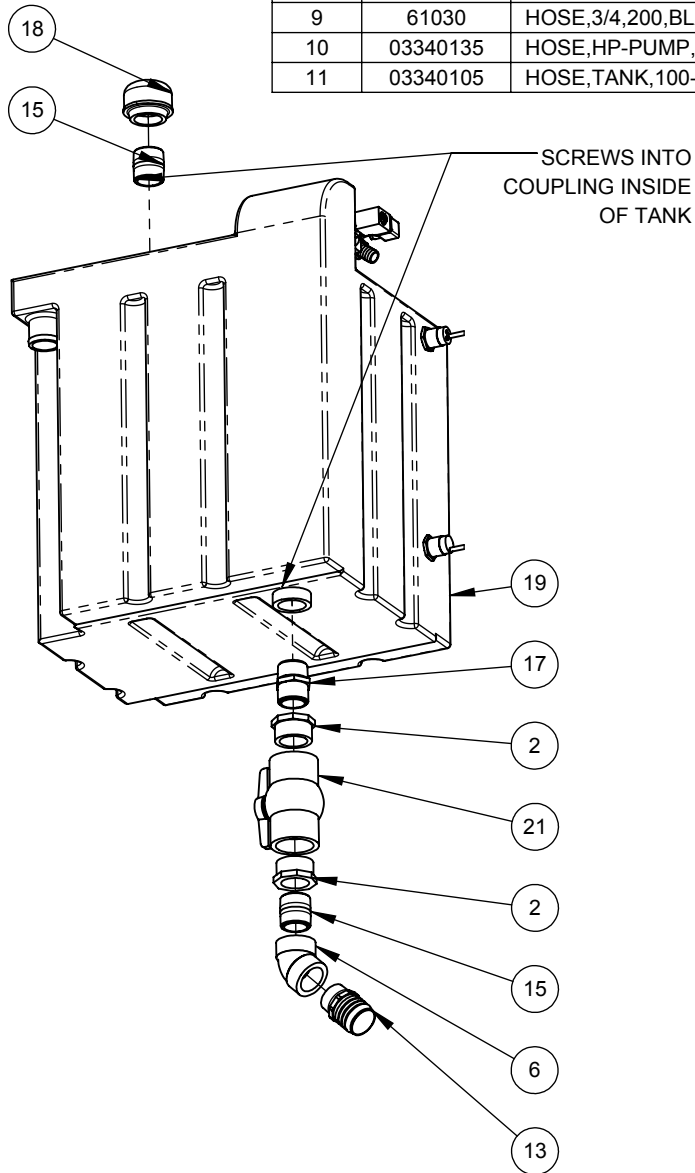
DWG. NO.	REV	SHEET
11310115	00	1 OF 1







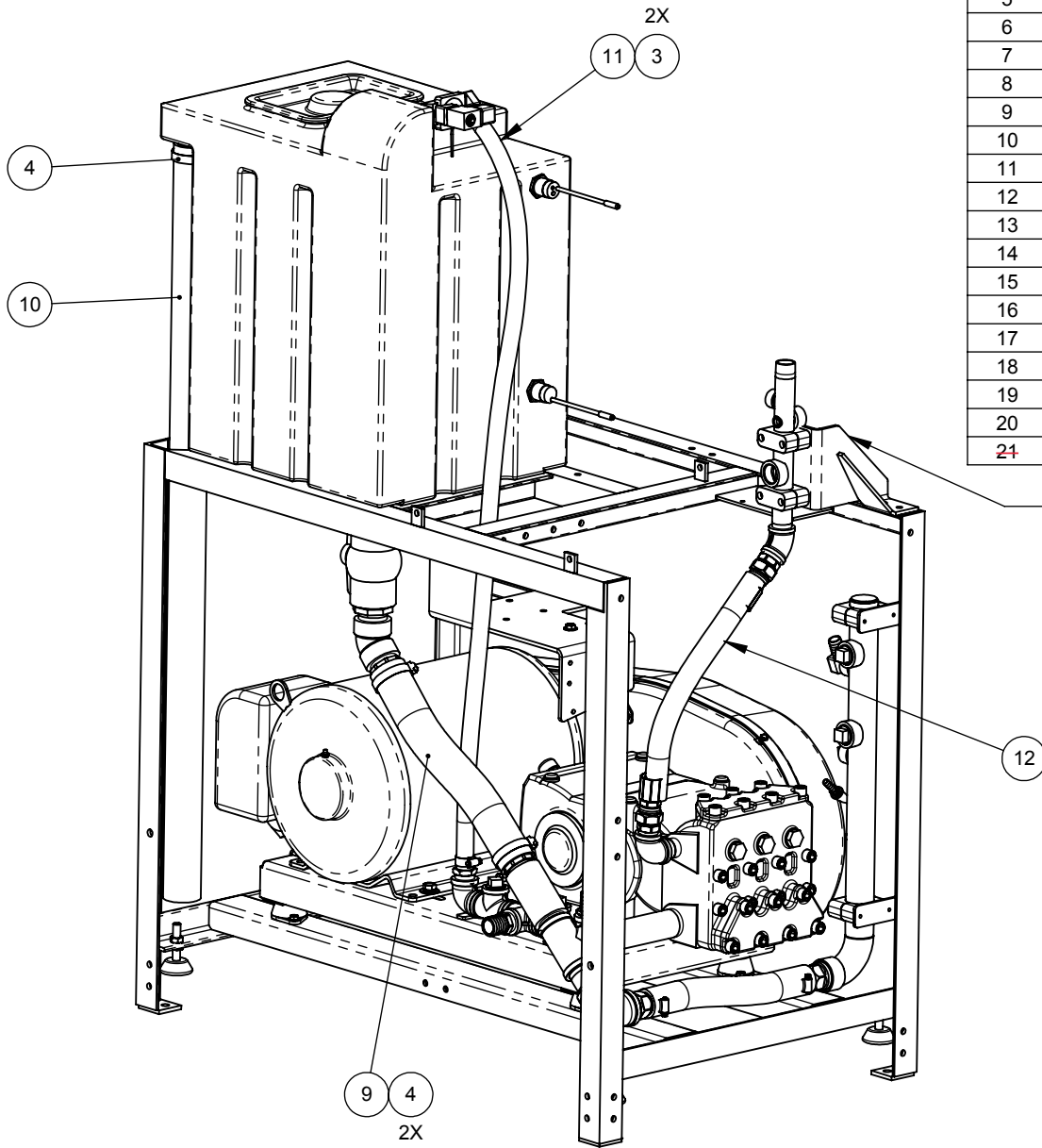
Pump Station

ITEM	PART #	DESCRIPTION	ITEM	PART #	DESCRIPTION
1	67714-B	BUSHING,1NPTx3/4NPT,BRS	12	03340136	HOSE,TANK,ON-BOARD,2"x17.25",200PSI,LW360P
2	67736-4P	BUSHING,2NPTx1-1/2NPT,SC40,PVC	13	68146-MHP	HOSE-BARB,2HX1-1/2MPT,PVC
3	75103	CLAMP,HOSE,#12,.75H,SST	14	03310030	HOSE-BARB,3/4HX3/4MNPT,90°,BRS
4	75109	CLAMP,HOSE,#36,2.00H,SST	15	67017-8P	NIPPLE,1-1/2NPTxCLOSE,SC80,PVC
5	M540045	COVER,MLD,6.00x9.00,BLK ABS	16	67014-B4B	NIPPLE,3/4NPTx2.00,SC40,BRS
6	03040006	ELBOW,1-1/2NPT,45DEG,SC80,PVC	17	67069-4N	NIPPLE,HEX,1-1/2NPT,NYL
7	04080066	HARNESS,SENSOR,CAP,10-65VDC,NPN,HI-LIM	18	66101	STRAINER,WATER,1-1/2,SUCT,20 MESH,SST
8	04080067	HARNESS,SENSOR,CAP,10-65VDC,NPN,LO-LIM	19	03390005	TANK,WATER,INLET,PUMP-STATION,HP,M5/360
9	61030	HOSE,3/4,200,BLACK,SYN-RBR,SYN-YRN	20	03010178	VALVE,3/4",BRASS,2-WAY,NC,232PSI
10	03340135	HOSE,HP-PUMP,HP,1"X22.6",TOUCH-FREE	21	03010158	VALVE,BALL,2NPT-BOTH-ENDS,SCH40,PVC
11	03340105	HOSE,TANK,100-GALLON,2"x53",200PSI,LW			



TANK ASSEMBLY

PICTORIAL PARTS CATALOG		
DESCRIPTION: PUMP STATION		
DWG. NO. 09070171	REV 03	SHEET 1 OF 9
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small> 		



ITEM	PART #	DESCRIPTION
1	67714-B	BUSHING,1NPTx3/4NPT,BRS
2	67736-4P	BUSHING,2NPTx1-1/2NPT,SC40,PVC
3	75103	CLAMP,HOSE,#12,.75H,SST
4	75109	CLAMP,HOSE,#36,2.00H,SST
5	M540045	COVER,MLD,6.00x9.00,BLK ABS
6	03040006	ELBOW,1-1/2NPT,45DEG,SC80,PVC
7	04080066	HARNESS,SENSOR,CAP,10-65VDC,NPN,HI-LIM
8	04080067	HARNESS,SENSOR,CAP,10-65VDC,NPN,LO-LIM
9	03340136	HOSE,TANK,ON-BOARD,2"x17.25",200PSI,LW360P
10	03340105	HOSE,TANK,100-GALLON,2"x53",200PSI,LW
11	61030	HOSE,3/4,200,BLACK,SYN-RBR,SYN-YRN
12	03340135	HOSE,HP-PUMP,HP,1"x22.6",TOUCH-FREE
13	68146-MHP	HOSE-BARB,2Hx1-1/2MPT,PVC
14	03310030	HOSE-BARB,3/4Hx3/4MNPT,90°,BRS
15	67017-8P	NIPPLE,1-1/2NPTxCLOSE,SC80,PVC
16	67014-B4B	NIPPLE,3/4NPTx2.00,SC40,BRS
17	67069-4N	NIPPLE,HEX,1-1/2NPT,NYL
18	66101	STRAINER,WATER,1-1/2,SUCT,20 MESH,SST
19	03390005	TANK,WATER,INLET,PUMP-STATION,HP,M5/360
20	03010158	VALVE,BALL,2NPT-BOTH-ENDS,SCH40,PVC
21	03010178	VALVE,3/4",BRASS,2-WAY,NC,232PSI

SEE 11250293 FOR HP OUTLET PLUMBING WITHOUT UNDERBODY
 SEE 11250281 FOR HP OUTLET PLUMBING WITH UNDERBODY

TANK HOSES

PICTORIAL PARTS CATALOG

DESCRIPTION:

PUMP STATION

DWG. NO.

09070171

REV

03

SHEET

2 OF 9

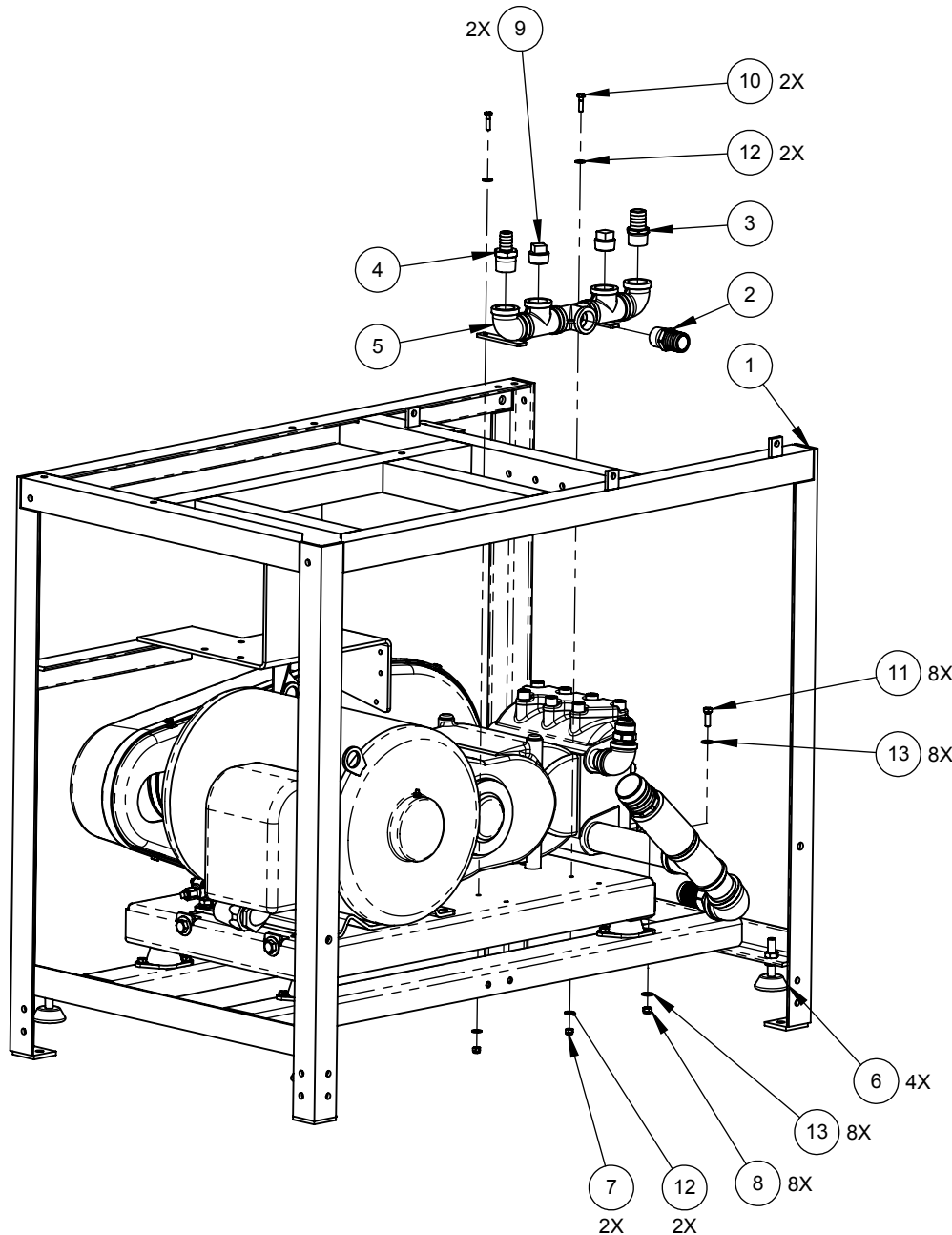


VEHICLE WASH SYSTEMS

PART OF OPW



ITEM	PART #	DESCRIPTION
1	06250142	FRAME,PUMP-STATION,WELDMNT,TOUCH-FREE
2	68134-MHB	HOSE-BARB,1-1/4Hx1MNPT,BRS
3	68129-MHB	HOSE-BARB,1Hx1MPT,BRS
4	68124-MHB	HOSE-BARB,3/4Hx1MNPT,BRS
5	03220325	MANIFOLD,WELD-FTG,INLET,SST,TF
6	15025	MOUNT,FOOT,1/2-13x2.50,NPRN/SST,W/NUTS
7	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
8	71012-NCS	NUT,5/16-18,HEX,LOCK,SST
9	67605-B	PLUG,1NPT,SQ-HD,BRS
10	70110-HCS	SCREW,1/4-20x1.00,HHCS,SST
11	70145-HCS	SCREW,5/16-18x1.00,HHCS,SST
12	71511-FS	WASHER,1/4,FLAT,SST
13	71512-FS	WASHER,5/16,FLAT,SST



FRESH WATER INLET MANIFOLD

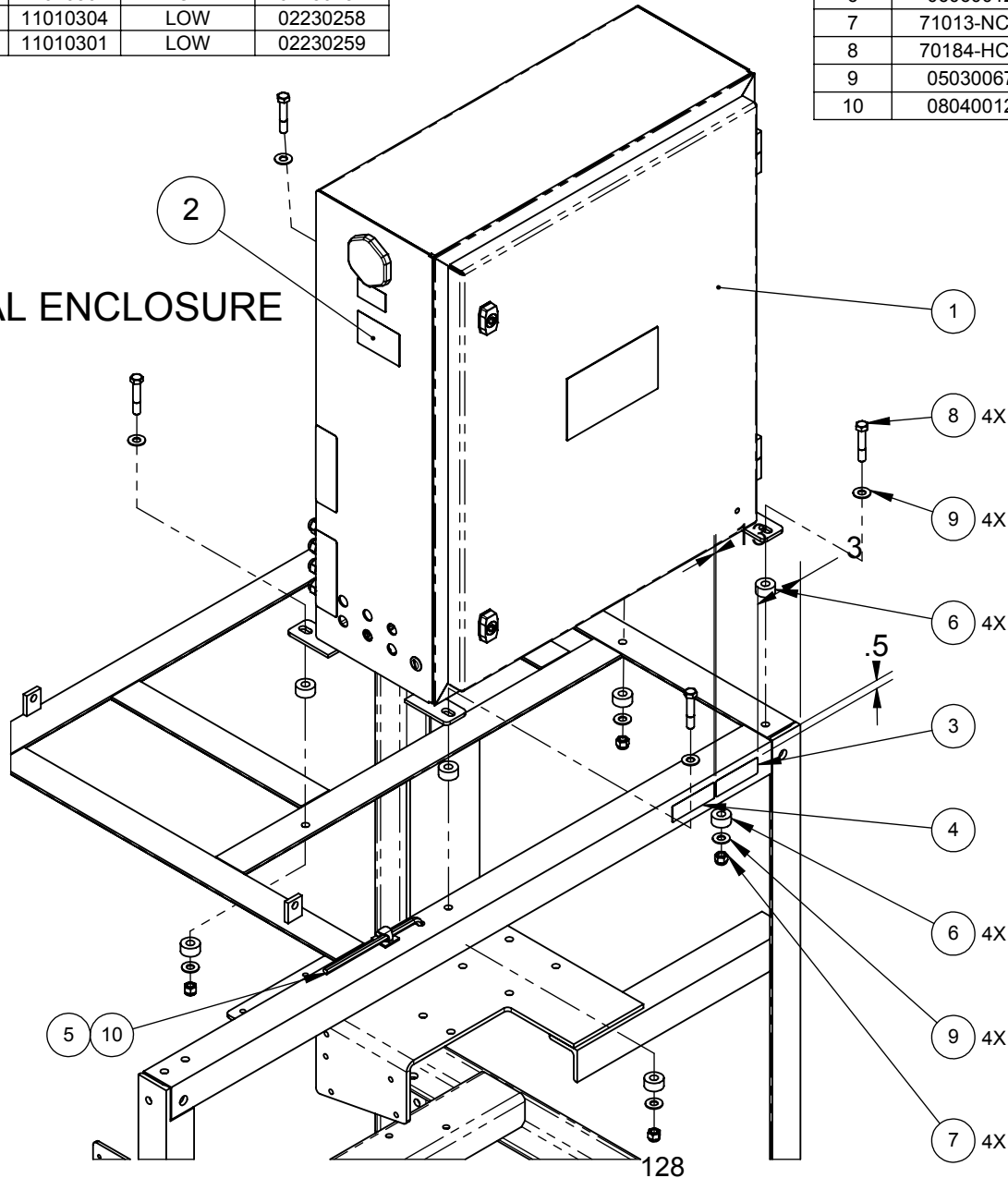
127

PICTORIAL PARTS CATALOG		
DESCRIPTION: PUMP STATION		
DWG. NO. 09070171	REV 03	SHEET 3 OF 9
VEHICLE WASH SYSTEMS		
PART OF OPW		

CONTROL PANEL ASSEMBLY			
SITE VOLTAGE	CONTROL BOX	SOLUTION PUMP VOLTAGE	ID LABEL
208/230V-60Hz	11010289	LOW	02230254
380V-60Hz	11010303	HIGH	02230255
460V-60Hz	11010300	HIGH	02230256
575V-60Hz	11010302	LOW	02230257
220V-50Hz	11010304	LOW	02230258
400V-50Hz	11010301	LOW	02230259

ITEM	PART #	DESCRIPTION
1	SEE TABLE	CONTROL-BOX,PMP-STATION,208-240V,60HZ,LW
2	02020360	LABEL,PATENT,PRINTED,3x2",WHITE
3	02210038	LABEL,SERIAL,PUMP,LASERWASH-360PLUS
4	SEE TABLE	LABEL-ID,PUMP,LW360PLUS,208-230V,60HZ
5	02010010	MOUNT,CORD-CLIP,9.5x25x25mm,NYL/ADH-BACK
6	06060012	MOUNT,DAMPENER,ELECT-BOX,NPRN,7/16x1x1/2
7	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
8	70184-HCS	SCREW,3/8-16x2.00,HHCS,SST
9	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST
10	08040012	WRENCH,HEX,8mm,ST,L-HANDLE

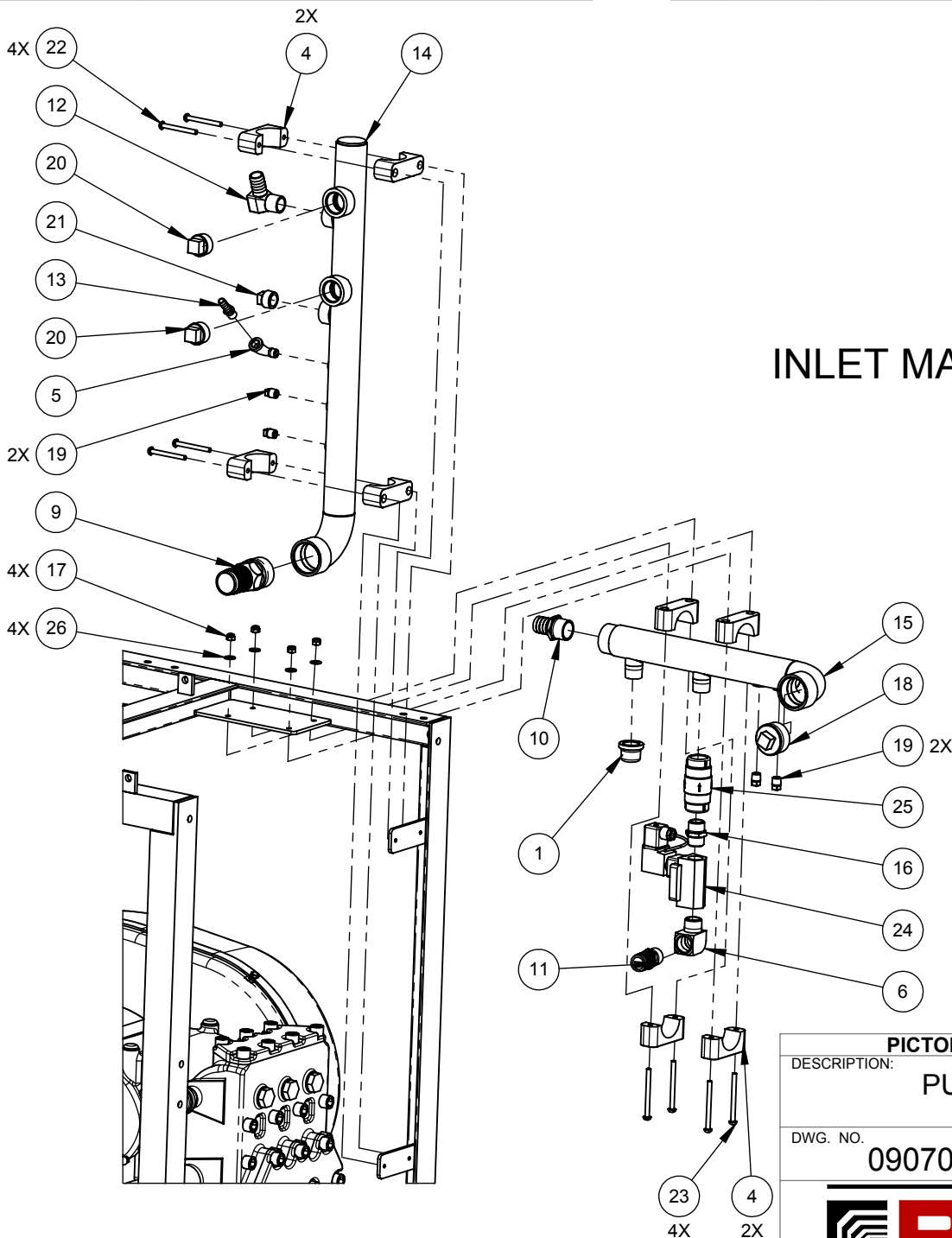
ELECTRICAL ENCLOSURE



PICTORIAL PARTS CATALOG		
DESCRIPTION: PUMP STATION		
DWG. NO. 09070171	REV 03	SHEET 4 OF 9
VEHICLE WASH SYSTEMS		
PART OF OPW		ADOVER COMPANY

ITEM	PART #	DESCRIPTION
1	67679-S	CAP,3/4NPT,SST
2	75104	CLAMP,HOSE,#16,1.00H,SST
3	75106	CLAMP,HOSE,#24,1.25H,SST
4	05050067	CLAMP,PIPE,1-1/2,PP,STANDARD
5	67487-4S	ELBOW,STREET,1/4NPT,90DEG,SC40,SST
6	67493-4B	ELBOW,STREET,3/4NPT,90DEG,BRS,BARSTOCK
7	61031	HOSE,1.00,200,BLACK,SYN-RBR,SYN-YRN
8	61074	HOSE,1-1/2,200PSI,EPDM
9	68141-MB	HOSE-BARB,1-1/2HX1-1/2MNPT,BRS
10	68129-MHB	HOSE-BARB,1HX1MPT,BRS
11	68128-MHB	HOSE-BARB,1HX3/4MNPT,BRS
12	03310030	HOSE-BARB,3/4HX3/4MNPT,90°,BRS
13	03310007	HOSE-BARB,3/8HX1/4MNPT,316SST

ITEM	PART #	DESCRIPTION
14	03220315	MANIFOLD,HP-INLET,SST,TOUCHFREE
15	03220312	MANIFOLD,LP-INLET,SST,TOUCHFREE
16	67060-4B	NIPPLE,HEX,3/4NPT,BRS
17	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
18	67607-B	PLUG,1-1/2NPT,SQ-HD,BRS
19	67603-B	PLUG,1/4NPT,SQ-HD,BRS
20	67605-B	PLUG,1NPT,SQ-HD,BRS
21	67604-B	PLUG,3/4NPT,SQ-HD,BRS
22	70116-SCS	SCREW,1/4-20x2.50,PRHMS,SST
23	70118-SCS	SCREW,1/4-20x3.00,PRHMS,SST
24	03040178	VALVE,3/4",BRASS,2-WAY,NC,232PSI,NAPLES
25	63119	VALVE,CHECK,3/4NPT,400PSI,0.5#,BRONZE
26	71511-FS	WASHER,1/4,FLAT,SST



INLET MANIFOLD

PICTORIAL PARTS CATALOG

DESCRIPTION:
PUMP STATION

DWG. NO. **09070171** REV **03** SHEET **5 OF 9**

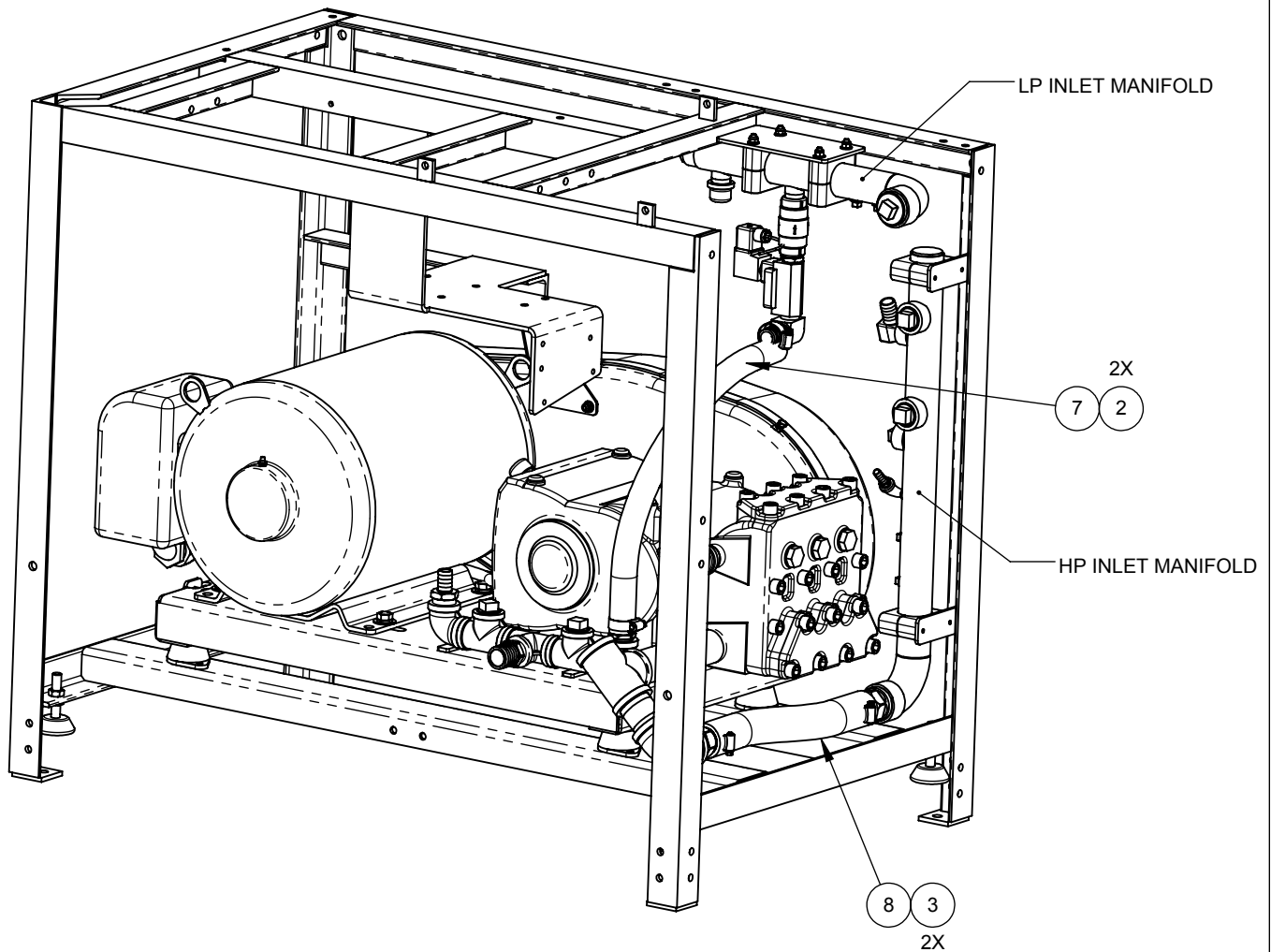


VEHICLE WASH SYSTEMS




PART OF OPW DOVER COMPANY

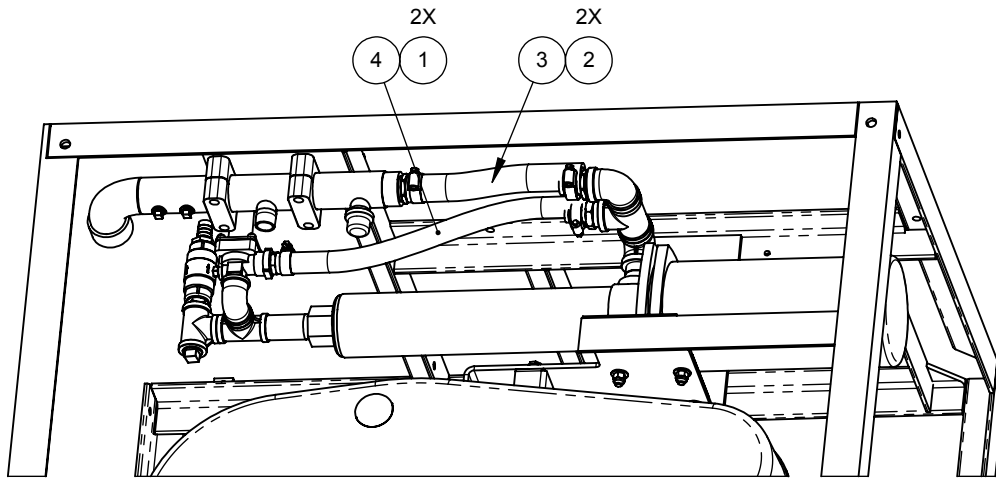
ITEM	PART #	DESCRIPTION
1	67679-S	CAP,3/4NPT,SST
2	75104	CLAMP,HOSE,#16,1.00H,SST
3	75106	CLAMP,HOSE,#24,1.25H,SST
4	05050067	CLAMP,PIPE,1-1/2,PP,STANDARD
5	67487-4S	ELBOW,STREET,1/4NPT,90DEG,SC40,SST
6	67493-4B	ELBOW,STREET,3/4NPT,90DEG,BRS,BARSTOCK
7	61031	HOSE,1.00,200,BLACK,SYN-RBR,SYN-YRN
8	61074	HOSE,1-1/2,200PSI,EPDM
9	68141-MB	HOSE-BARB,1-1/2Hx1-1/2MNPT,BRS
10	68129-MHB	HOSE-BARB,1Hx1MPT,BRS
11	68128-MHB	HOSE-BARB,1Hx3/4MNPT,BRS
12	03310030	HOSE-BARB,3/4Hx3/4MNPT,90°,BRS
13	03310007	HOSE-BARB,3/8Hx1/4MNPT,316SST

ITEM	PART #	DESCRIPTION
14	03220315	MANIFOLD,HP-INLET,SST,TOUCHFREE
15	03220312	MANIFOLD,LP-INLET,SST,TOUCHFREE
16	67060-4B	NIPPLE,HEX,3/4NPT,BRS
17	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
18	67607-B	PLUG,1-1/2NPT,SQ-HD,BRS
19	67603-B	PLUG,1/4NPT,SQ-HD,BRS
20	67605-B	PLUG,1NPT,SQ-HD,BRS
21	67604-B	PLUG,3/4NPT,SQ-HD,BRS
22	70116-SCS	SCREW,1/4-20x2.50,PRHMS,SST
23	70118-SCS	SCREW,1/4-20x3.00,PRHMS,SST
24	03010178	VALVE,3/4",BRASS,2-WAY,NC,232PSI,NAPLES
25	63119	VALVE,CHECK,3/4NPT,400PSI,0.5#,BRONZE
26	71511-FS	WASHER,1/4,FLAT,SST

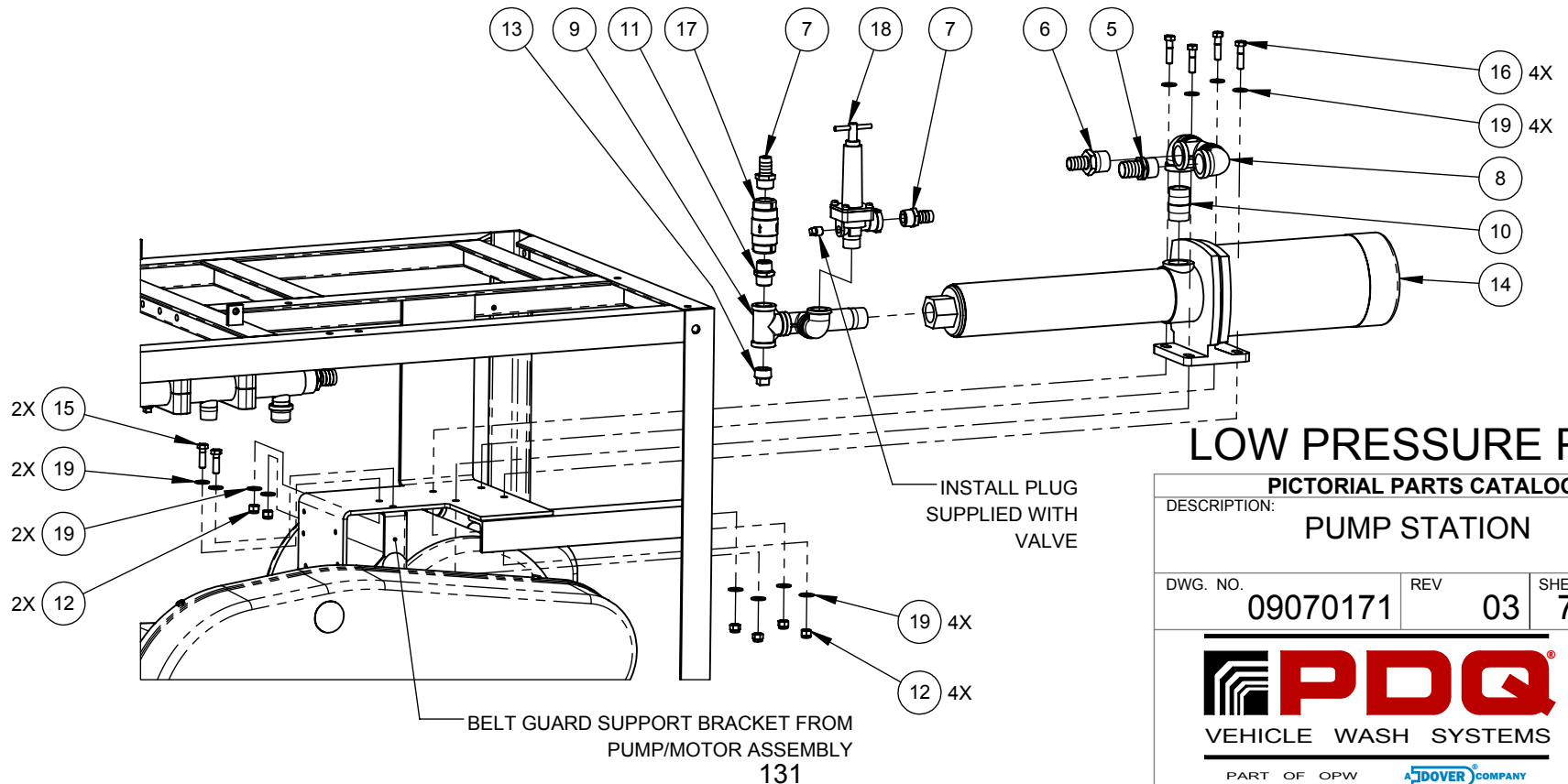


INLET MANIFOLD HOSES

PICTORIAL PARTS CATALOG		
DESCRIPTION:		
PUMP STATION		
DWG. NO.	REV	SHEET
09070171	03	6 OF 9
		
VEHICLE WASH SYSTEMS		
PART OF OPW		



ITEM	PART #	DESCRIPTION
1	75103	CLAMP,HOSE,#12,.75H,SST
2	75104	CLAMP,HOSE,#16,1.00H,SST
3	61031	HOSE,1.00,200,BLACK,SYN-RBR,SYN-YRN
4	61030	HOSE,3/4,200,BLACK,SYN-RBR,SYN-YRN
5	68129-MHB	HOSE-BARB,1Hx1MPT,BRS
6	68124-MHB	HOSE-BARB,3/4Hx1MNPT,BRS
7	68123-MHB	HOSE-BARB,3/4Hx3/4MNPT,BRS
8	03220326	MANIFOLD,WELD-FTG,LP-INLET,SST,TF
9	03220327	MANIFOLD,WELD-FTG,LP-OUTLET,SST,TF
10	67015-B4S	NIPPLE,1NPTx2.00,SC40,SST
11	67060-4B	NIPPLE,HEX,3/4NPT,BRS
12	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
13	67604-B	PLUG,3/4NPT,SQ-HD,BRS
14	03180017	PUMP,STA-RITE,11STG,20GPM,2HP,208/480V
15	70181-HCS	SCREW,3/8-16x1.25,HHCS,SST
16	70182-HCS	SCREW,3/8-16x1.50,HHCS,SST
17	63119	VALVE,CHECK,3/4NPT,400PSI,0.5#,BRONZE
18	63185	VALVE,RELIEF,3/4",BRASS
19	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST



LOW PRESSURE PUMP

PICTORIAL PARTS CATALOG

DESCRIPTION:

PUMP STATION

DWG. NO.

09070171

REV

03

SHEET

7 OF 9

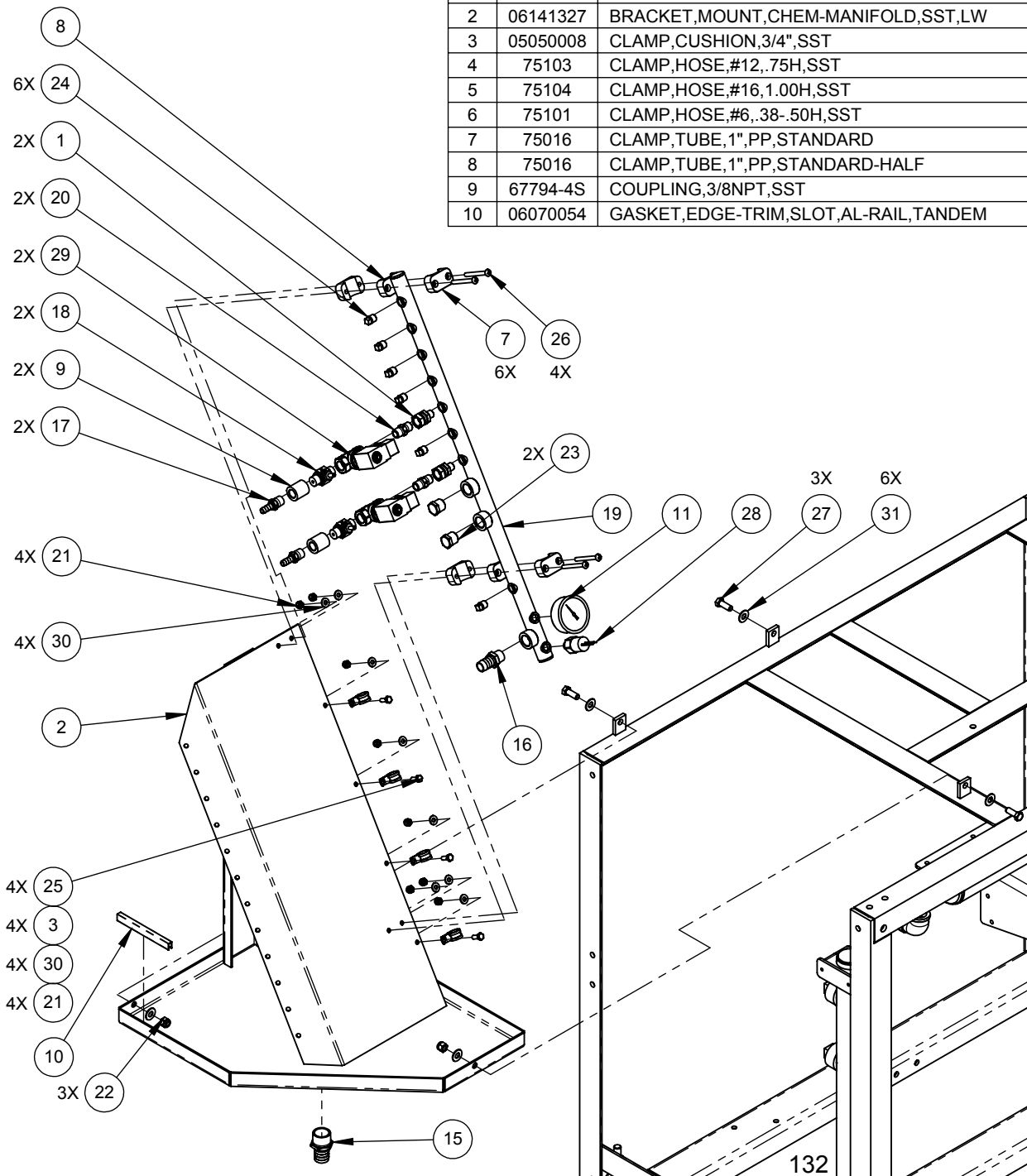


VEHICLE WASH SYSTEMS




PART OF OPW

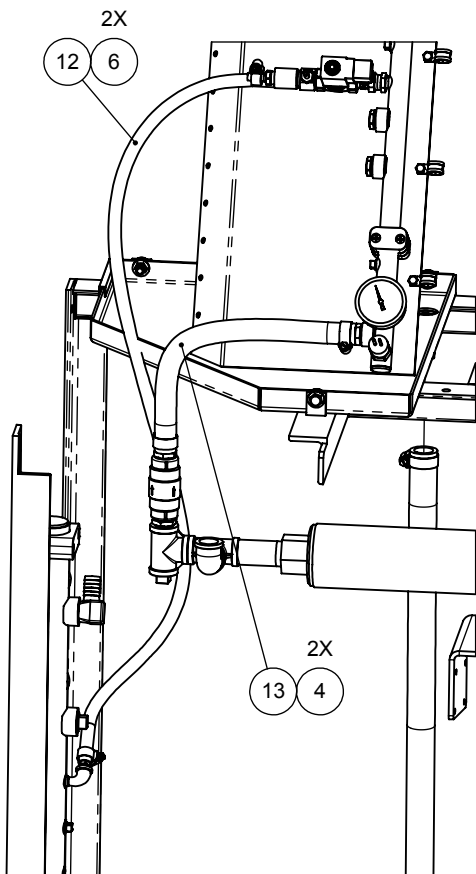


ITEM	PART #	DESCRIPTION	ITEM	PART #	DESCRIPTION
1	44553-S	ADAPTER,3/8FNPT-SWIVELx1/4MNPT,SST	11	25046	GAUGE,PRES,0-400PSI,1/4NPT,CBM,LIQ,2.50"
2	06141327	BRACKET,MOUNT,CHEM-MANIFOLD,SST,LW	12	01130010	HOSE,.375,200PSI,BLACK,SYN-RBR,SYN-YRN
3	05050008	CLAMP,CUSHION,3/4",SST	13	01130025	HOSE,.75,250,BLACK,SYN-RBR,SYN-YRN
4	75103	CLAMP,HOSE,#12,.75H,SST	14	61031	HOSE,1.00,200,BLACK,SYN-RBR,SYN-YRN
5	75104	CLAMP,HOSE,#16,1.00H,SST	15	68129-MHB	HOSE-BARB,1Hx1MPT,BRS
6	75101	CLAMP,HOSE,#6,.38-.50H,SST	16	68122-MHB	HOSE-BARB,3/4Hx1/2MNPT,BRS
7	75016	CLAMP,TUBE,1",PP,STANDARD	17	03310038	HOSE-BARB,3/8Hx3/8MNPT,SST
8	75016	CLAMP,TUBE,1",PP,STANDARD-HALF	18	03150027	INJECTOR,.086,SST,GENERAL-PUMP
9	67794-4S	COUPLING,3/8NPT,SST	19	03220310	MANIFOLD,CHEMICAL,LP-PUMP,LW360PLUS
10	06070054	GASKET,EDGE-TRIM,SLOT,AL-RAIL,TANDEM	20	67055-4B	NIPPLE,HEX,3/8NPT,BRS
			21	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
			22	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
			23	67653-S	PLUG,1/2NPT,HEX-HD,SST
			24	67603-B	PLUG,1/4NPT,SQ-HD,BRS
			25	70108-HCS	SCREW,1/4-20x.75,HHCS,SST
			26	70116-SCS	SCREW,1/4-20x2.50,PRHMS,SST
			27	70180-HCS	SCREW,3/8-16x1.00,HHCS,SST
			28	04040035	SWITCH,PRESSURE,2PSI,NO,1/4MNPT,48"LEADS
			29	03010192	VALVE,3/8,SST,2-WAY,NC,232PSI
			30	71511-FS	WASHER,1/4,FLAT,SST
			31	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST

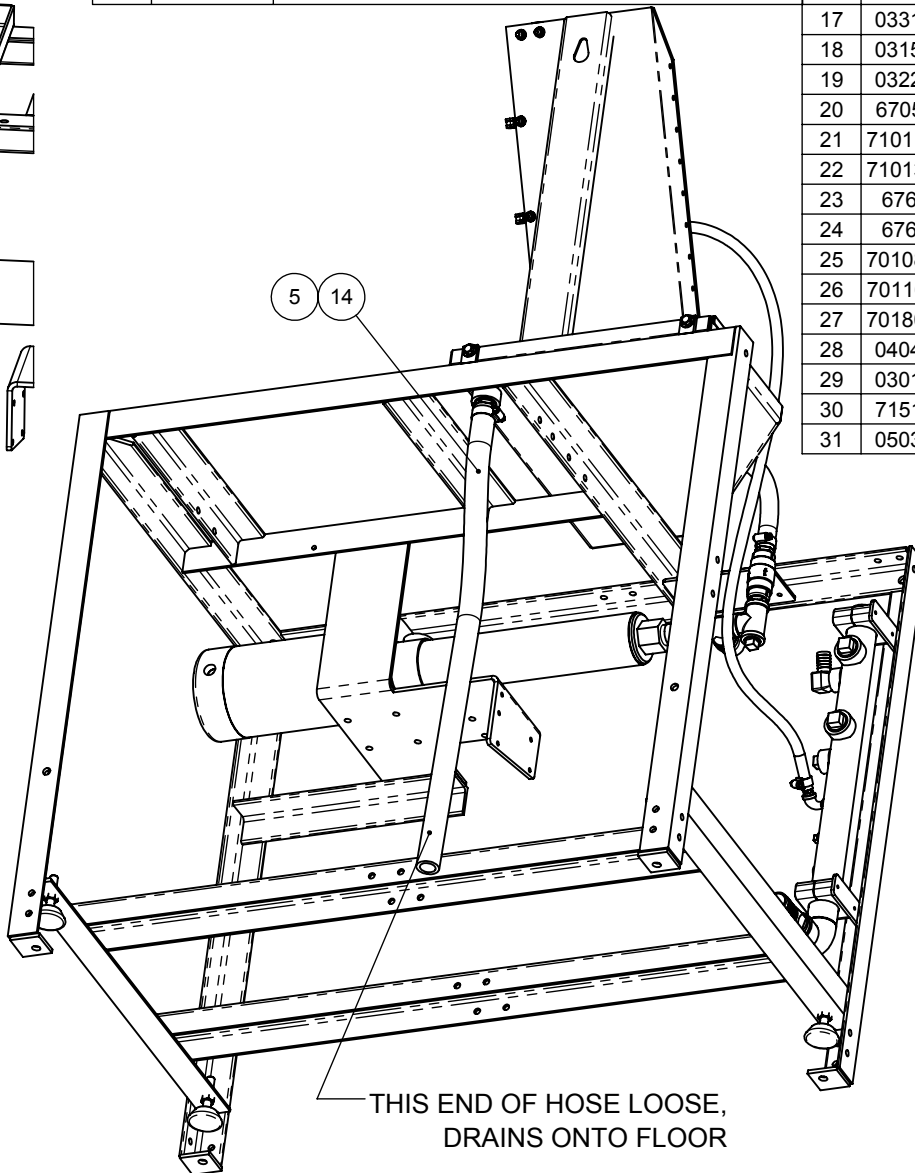


SOLUTION MANIFOLD

PICTORIAL PARTS CATALOG		
DESCRIPTION: PUMP STATION		
DWG. NO. 09070171	REV 03	SHEET 8 OF 9
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		



ITEM	PART #	DESCRIPTION	ITEM	PART #	DESCRIPTION
1	44553-S	ADAPTER,3/8FNPT-SWIVELx1/4MNPT,SST	9	67794-4S	COUPLING,3/8NPT,SST
2	06141327	BRACKET,MOUNT,CHEM-MANIFOLD,SST,LW	10	06070054	GASKET,EDGE-TRIM,SLOT,AL-RAIL,TANDEM
3	05050008	CLAMP,CUSHION,3/4",SST	11	25046	GAUGE,PRES,0-400PSI,1/4NPT,CBM,LIQ,2.50"
4	75103	CLAMP,HOSE,#12,.75H,SST	12	01130010	HOSE,.375,200PSI,BLACK,SYN-RBR,SYN-YRN
5	75104	CLAMP,HOSE,#16,1.00H,SST	13	01130025	HOSE,.75,250,BLACK,SYN-RBR,SYN-YRN
6	75101	CLAMP,HOSE,#6,.38-.50H,SST	14	61031	HOSE,1.00,200,BLACK,SYN-RBR,SYN-YRN
7	75016	CLAMP,TUBE,1",PP,STANDARD	15	68129-MHB	HOSE-BARB,1Hx1MPT,BRS
8	75016	CLAMP,TUBE,1",PP,STANDARD-HALF	16	68122-MHB	HOSE-BARB,3/4Hx1/2MNPT,BRS
			17	03310038	HOSE-BARB,3/8Hx3/8MNPT,SST
			18	03150027	INJECTOR,.086,SST,GENERAL-PUMP
			19	03220310	MANIFOLD,CHEMICAL,LP-PUMP,LW360PLUS
			20	67055-4B	NIPPLE,HEX,3/8NPT,BRS
			21	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
			22	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
			23	67653-S	PLUG,1/2NPT,HEX-HD,SST
			24	67603-B	PLUG,1/4NPT,SQ-HD,BRS
			25	70108-HCS	SCREW,1/4-20x.75,HHCS,SST
			26	70116-SCS	SCREW,1/4-20x2.50,PRHMS,SST
			27	70180-HCS	SCREW,3/8-16x1.00,HHCS,SST
			28	04040035	SWITCH,PRESSURE,2PSI,NO,1/4MNPT,48"LEADS
			29	03010192	VALVE,3/8,SST,2-WAY,NC,232PSI
			30	71511-FS	WASHER,1/4,FLAT,SST
			31	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST



SOLUTION MANIFOLD HOSES

PICTORIAL PARTS CATALOG

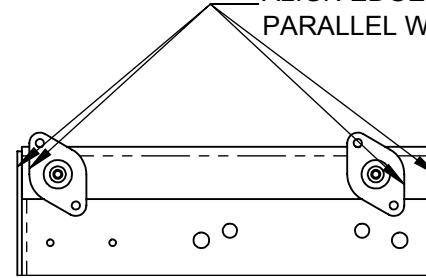
DESCRIPTION:
PUMP STATION

DWG. NO.	REV	SHEET
09070171	03	9 OF 9

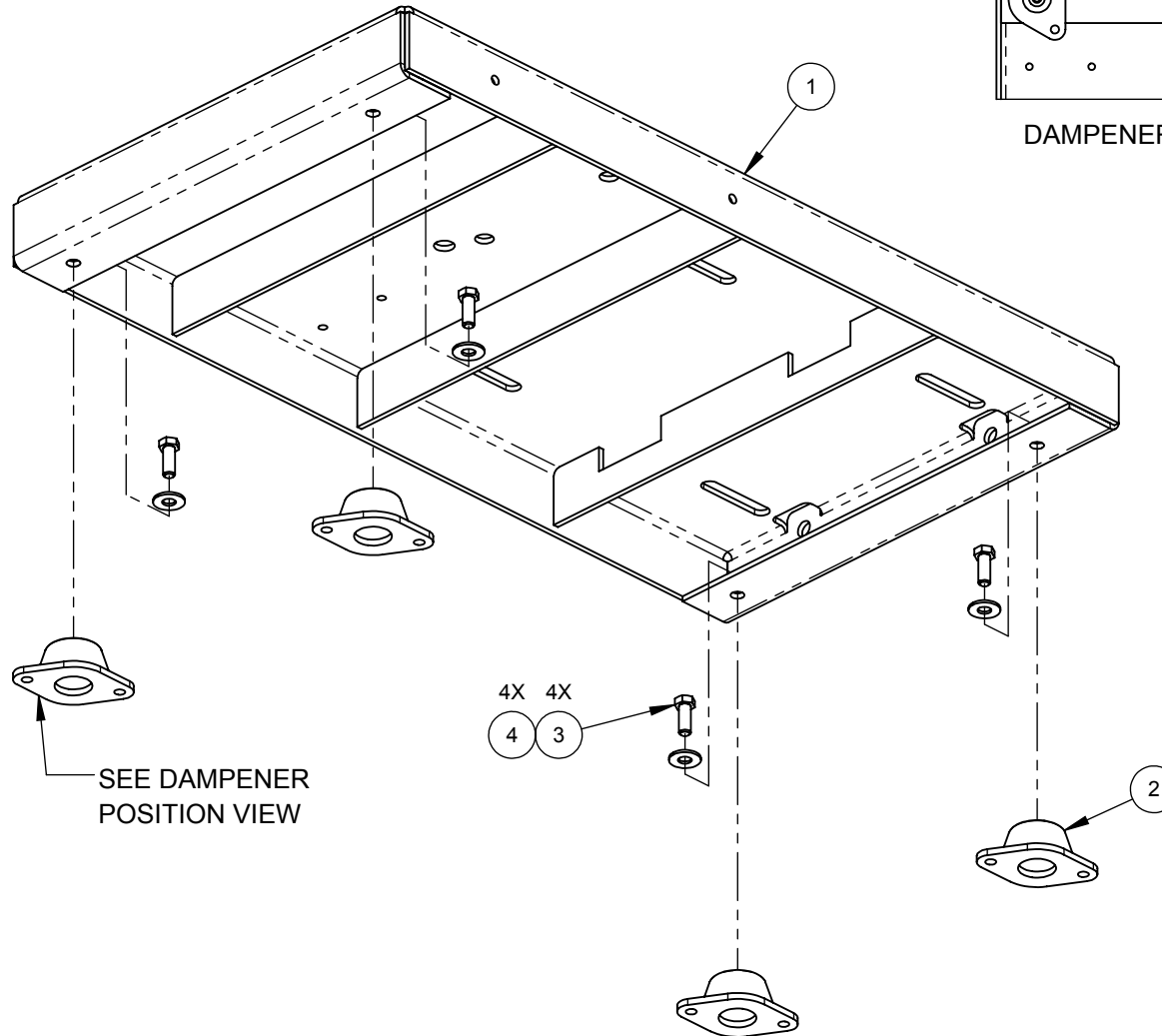


ITEM	PART #	DESCRIPTION
1	06250141	FRAME,PUMP/MOTOR,PUMP-STATION,SST,TF
2	06060010	MOUNT,DAMPENER,HP-PUMP-ASSY,M5,NPRN
3	70180-HCS	SCREW,3/8-16x1.00,HHCS,SST
4	71513-FS	WASHER,3/8,FLAT,1-OD,.083THK,SST

ALIGN EDGES OF VIBRATION DAMPENERS
PARALLEL WITH EDGE OF FRAME, 4 DAMPENERS



DAMPENER POSITION VIEW

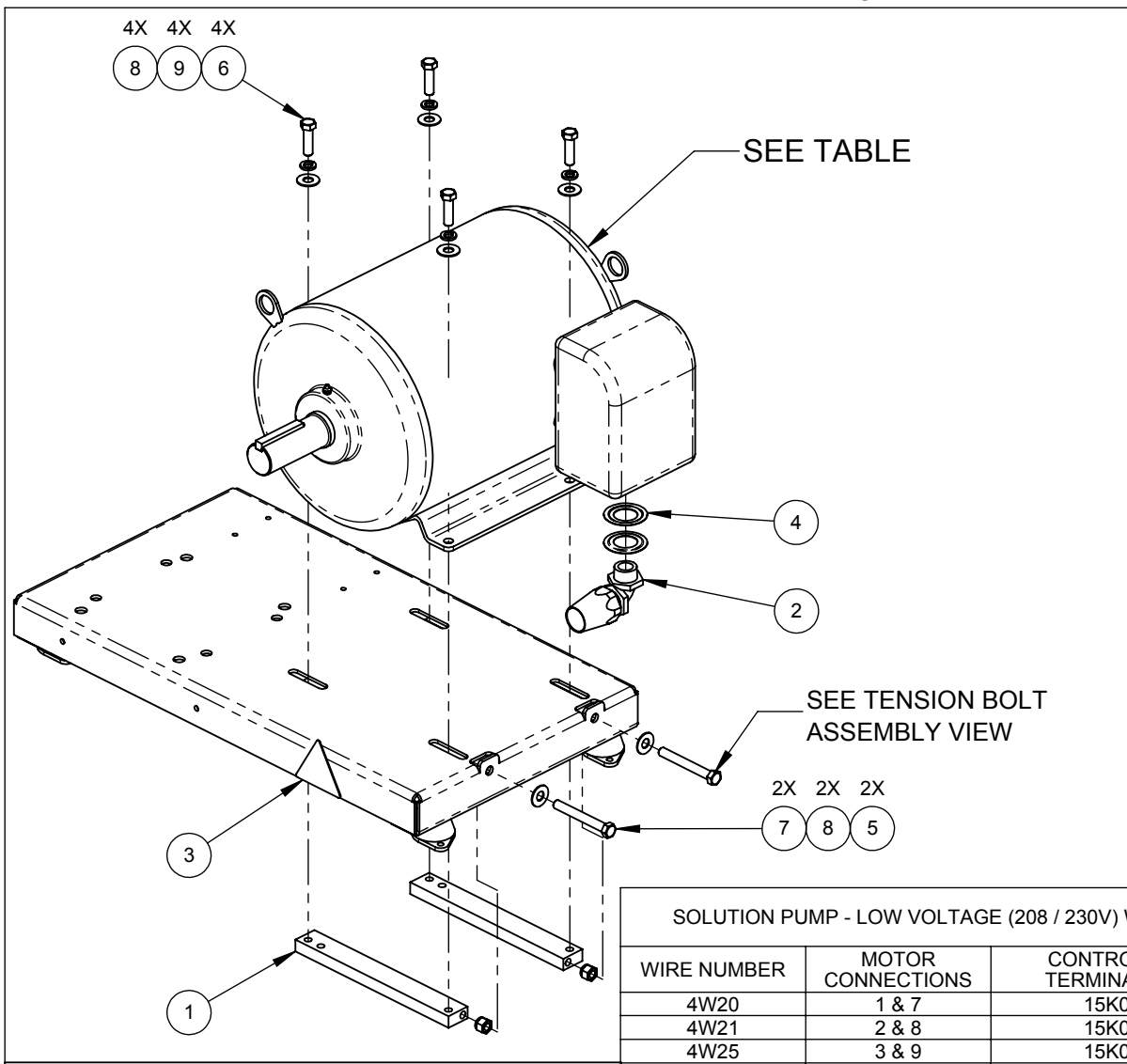


BASE

SEE DAMPENER
POSITION VIEW

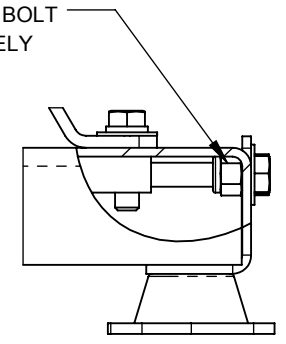
4X 4X
4 3

PICTORIAL PARTS CATALOG		
DESCRIPTION: PUMP AND MOTOR-GENERAL		
DWG. NO. 11050135	REV 00	SHEET 1 OF 5
VEHICLE WASH SYSTEMS		
PART OF OPW		



ITEM	PART #	DESCRIPTION
1	06190145	BAR,BELT-TENSION-PUMP-STATION
2	36088	CONNECTOR,CONDUIT,1.00,90-DEG,PVC,NUT
3	02030341	DECAL,WARNING,PINCHING-HAZARD
4	36173	KNOCKOUT ADAPTOR 1-1/2" X 1"
5	71015-NCS	NUT,1/2-13,HEX,LOCK,SST
6	70258-HCS	SCREW,1/2-13x1.75,HHCS,SST
7	05040267	SCREW,1/2-13x4.00,HHCS,SST,FULL-THD
8	71515-FSS	WASHER,1/2,FLAT,SST
9	71515-LS	WASHER,1/2,LOCK,SST

TIGHTEN LOCK NUT SO THAT TENSIONING BOLT WILL ROTATE FREELY



TENSION BOLT ASSEMBLY VIEW

SOLUTION PUMP - LOW VOLTAGE (208 / 230V) WIRING

WIRE NUMBER	MOTOR CONNECTIONS	CONTROL BOX TERMINATIONS
4W20	1 & 7	15K03.2
4W21	2 & 8	15K03.4
4W25	3 & 9	15K03.6
4W32	MTR GND	2X08.2

NOTE: JUMPER TOGETHER MOTOR LEADS 4 & 5 & 6

SOLUTION PUMP - HIGH VOLTAGE (460V) WIRING

WIRE NUMBER	MOTOR CONNECTIONS	CONTROL BOX TERMINATIONS
4W20	1	40K03.2
4W21	2	40K03.4
4W25	3	40K03.6
4W32	MTR GND	31X04.1

NOTE: JUMPER TOGETHER MOTOR LEADS 4 & 7

NOTE: JUMPER TOGETHER MOTOR LEADS 5 & 8

NOTE: JUMPER TOGETHER MOTOR LEADS 6 & 9

MOTOR ASSEMBLY

MOTOR AND DRIVE COMPONENT VARIABLES

ASSEMBLY NUMBER	MOTOR	WIRE MOTOR VOLTAGE
11050135 (208V-60Hz)	04120078	LOW
11050136 (380V/460 -60HZ)	04120078	HIGH
11050137 (575V-60Hz)	04120016	HIGH
11050138 (220V-50Hz)	04120079	HIGH
11050139 (380V-50Hz)	04120079	LOW

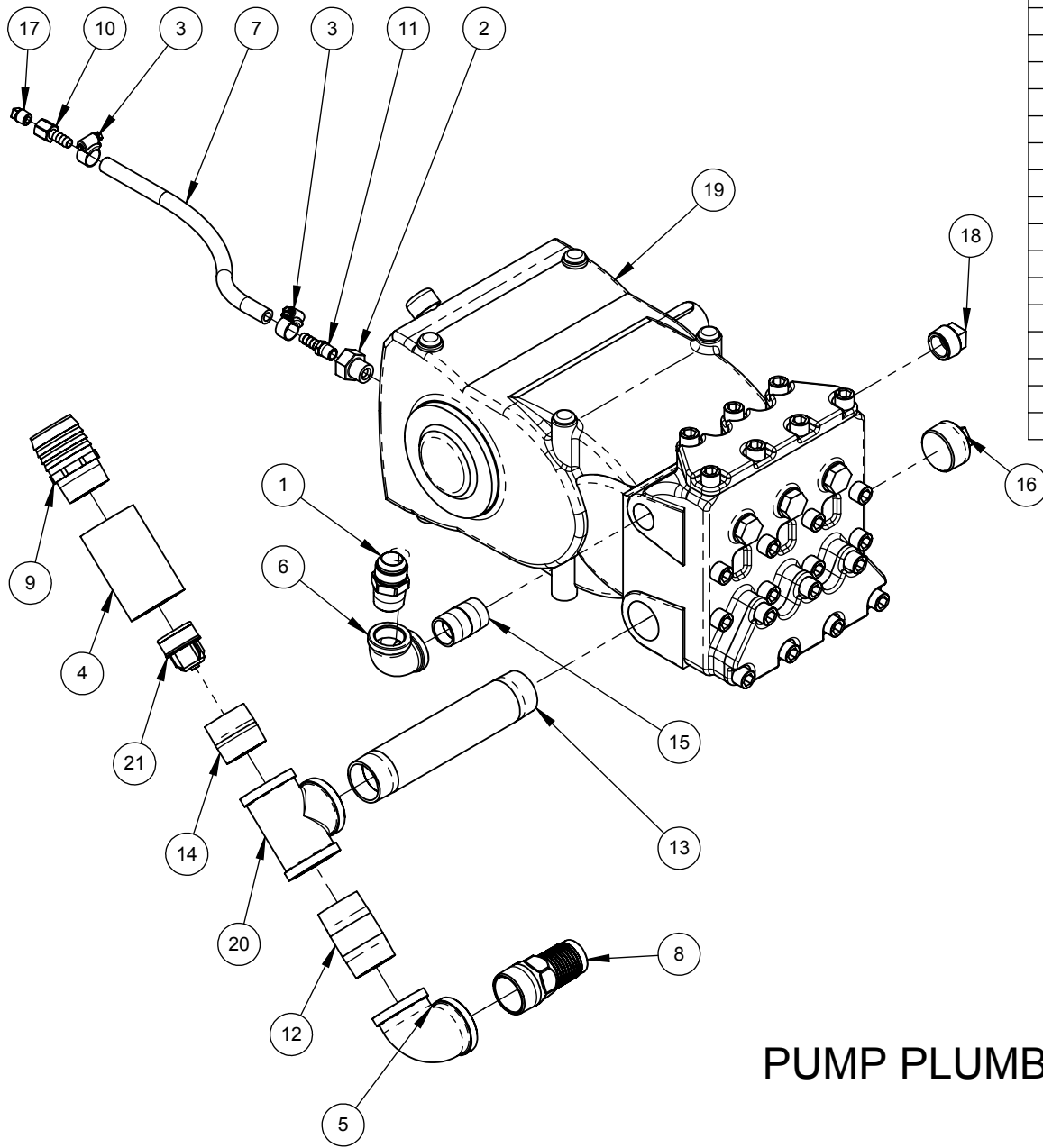
PICTORIAL PARTS CATALOG

DESCRIPTION:
PUMP AND MOTOR-GENERAL

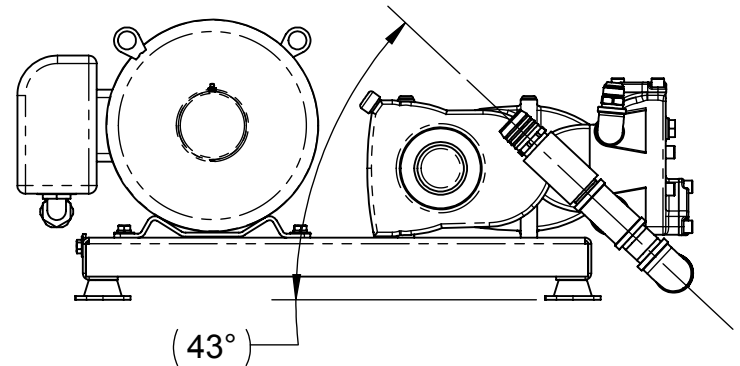
DWG. NO.	REV	SHEET
11050135	00	2 OF 5

VEHICLE WASH SYSTEMS

PART OF OPW COMPANY



ITEM	PART #	DESCRIPTION
1	03140044	ADAPTER,#16-MJICx1MPT,Z-PLT
2	03140064	ADAPTER,1/2BSPPx1/4FNPT
3	75101	CLAMP,HOSE,#6,.38-.50H,SST
4	03070053	COUPLING,1-1/2NPTx4",W/CHKSEAT,PVC
5	67414-4B	ELBOW,1-1/2NPT,90DEG,SC40,BRS
6	67410-4S	ELBOW,1NPT,90DEG,SC40,SST
7	03340098	HOSE,HYD,24",.375,300PSI,INSTA,GRIP
8	68141-MB	HOSE-BARB,1-1/2Hx1-1/2MNPT,BRS
9	68146-MHP	HOSE-BARB,2Hx1-1/2MPT,PVC
10	03310032	HOSE-BARB,3/8Hx1/4FNPT,BRS
11	03310003	HOSE-BARB,3/8Hx1/4MNPT,BRS
12	03130061	NIPPLE,1-1/2NPTx3.00,SCH40,BRS
13	03130072	NIPPLE,1-1/2NPTx9.00,SC40,SST
14	67017-4B	NIPPLE,1-1/2NPTxCLOSE,SC40,BRS
15	67015-B4S	NIPPLE,1NPTx2.00,SC40,SST
16	67607-B	PLUG,1-1/2NPT,SQ-HD,BRS
17	67603-B	PLUG,1/4NPT,SQ-HD,BRS
18	67605-B	PLUG,1NPT,SQ-HD,BRS
19	03180039	PUMP,EMPEROR,HTCK4050S,36GPM,800RPM
20	67131-4B	TEE,1-1/2NPT,PIPE,SC40,BRS
21	03010060	VALVE,CHECK,1-1/2",CRTG-STYLE,PLSTC/EPDM





PUMP PLUMBING


PICTORIAL PARTS CATALOG

DESCRIPTION:
PUMP AND MOTOR-GENERAL

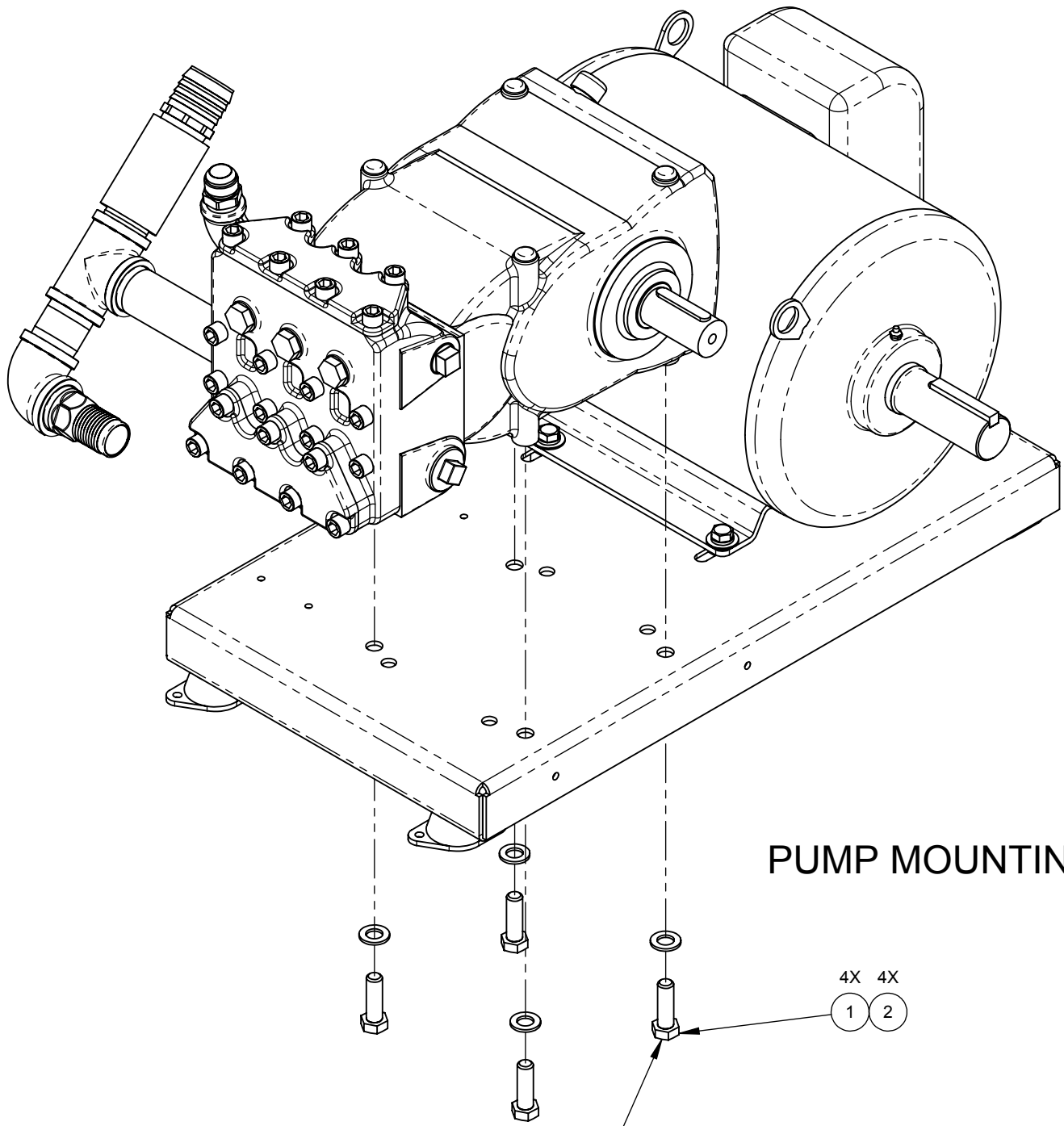
DWG. NO.	REV	SHEET
11050135	00	3 OF 5

VEHICLE WASH SYSTEMS

PART OF OPW  COMPANY

ITEM	PART #	DESCRIPTION
1	70339-HCS	SCREW,5/8-11x2.00,HHCS,SST
2	05030020	WASHER,M16,FLAT,SST



PUMP MOUNTING

4X 4X
 1 2

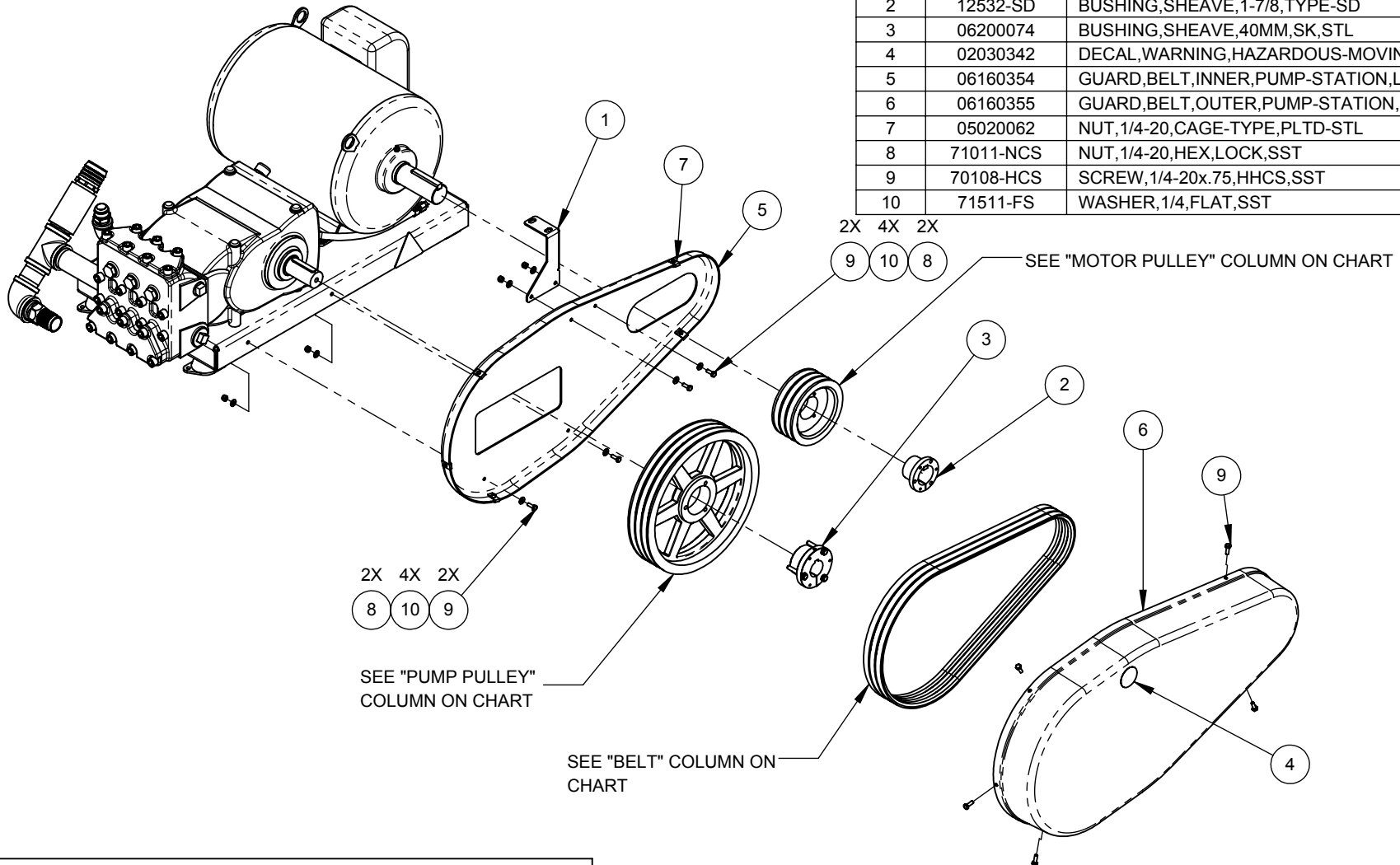
USE SCREWS PROVIDED WITH PUMP.
 APPLY BLUE LOCTITE #243 (PDQ P/N 90043)
 TORQUE TO 50 FT-LB

PICTORIAL PARTS CATALOG		
DESCRIPTION: PUMP AND MOTOR-GENERAL		
DWG. NO. 11050135	REV 00	SHEET 4 OF 5

PDQ
 VEHICLE WASH SYSTEMS

PART OF OPW DOVER COMPANY



ITEM	PART #	DESCRIPTION
1	06141331	BRACKET,SUPPORT,BELT-GUARD,SST,TF
2	12532-SD	BUSHING,SHEAVE,1-7/8,TYPE-SD
3	06200074	BUSHING,SHEAVE,40MM,SK,STL
4	02030342	DECAL,WARNING,HAZARDOUS-MOVING-PARTS
5	06160354	GUARD,BELT,INNER,PUMP-STATION,LASERWASH
6	06160355	GUARD,BELT,OUTER,PUMP-STATION,LASERWASH
7	05020062	NUT,1/4-20,CAGE-TYPE,PLTD-STL
8	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
9	70108-HCS	SCREW,1/4-20x.75,HHCS,SST
10	71511-FS	WASHER,1/4,FLAT,SST



MOTOR AND DRIVE COMPONENT VARIABLES

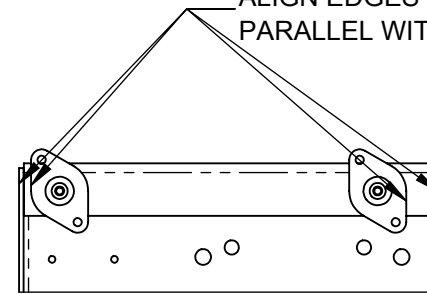
ASSEMBLY NUMBER	MOTOR PULLEY	PUMP PULLEY	BELT
11050135 (208V-60Hz)	12026-3SD	12043-3SK	06020045
11050136 (380V/460 -60HZ)	12026-3SD	12043-3SK	06020045
11050137 (575V-60Hz)	12026-3SD	12043-3SK	06020045
11050138 (220V-50Hz)	06030010	12037-3SK	06020046
11050139 (380V-50Hz)	06030010	12037-3SK	06020046

BELT DRIVE

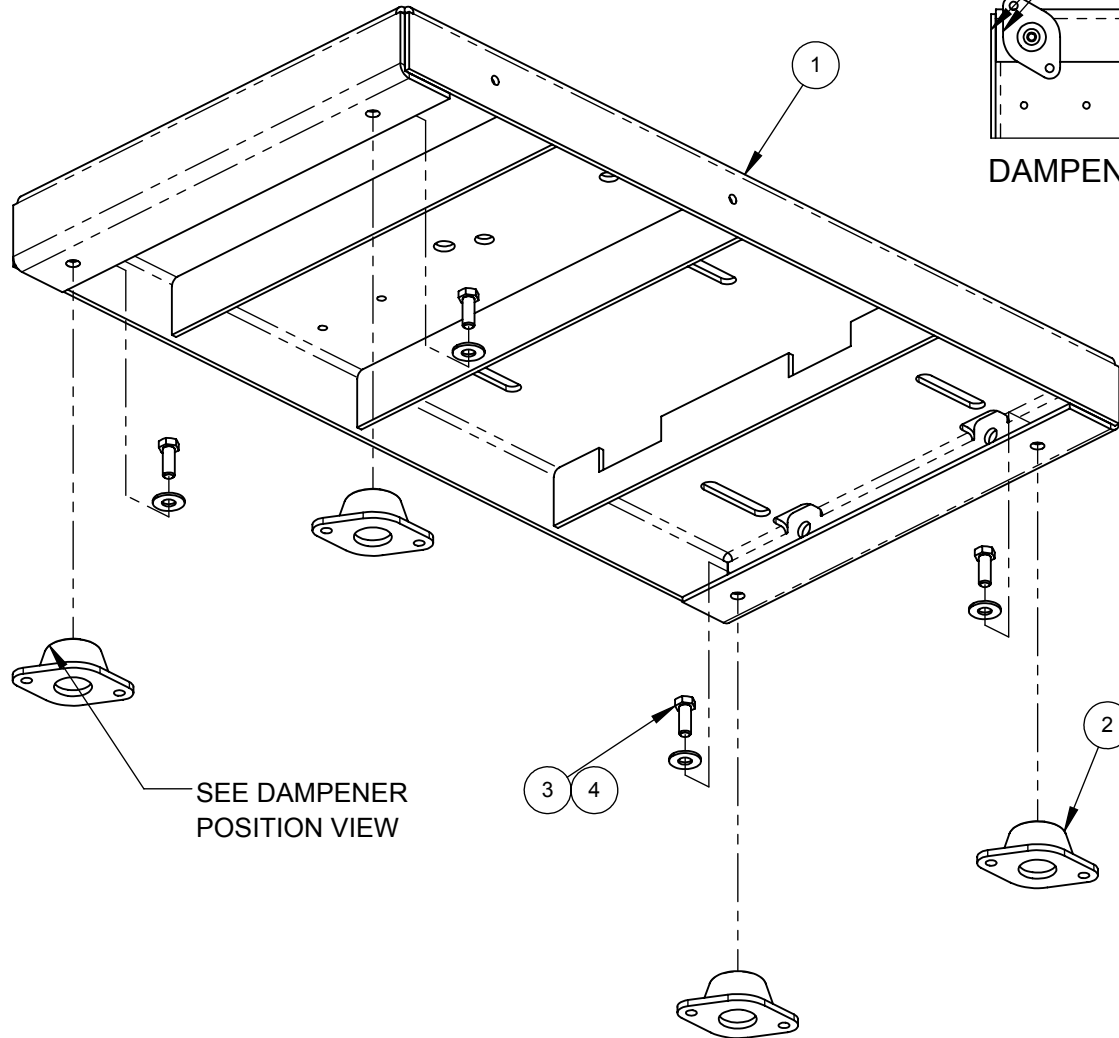
PICTORIAL PARTS CATALOG		
DESCRIPTION: PUMP AND MOTOR-GENERAL		
DWG. NO. 11050135	REV 00	SHEET 5 OF 5
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small> 		

ITEM	PART #	DESCRIPTION
1	06250141	FRAME,PUMP/MOTOR,PUMP-STATION,SST,TF
2	06060010	MOUNT,DAMPENER,HP-PUMP-ASSY,M5,NPRN
3	70180-HCS	SCREW,3/8-16x1.00,HHCS,SST
4	71513-FS	WASHER,3/8,FLAT,1-OD,.083THK,SST

ALIGN EDGES OF VIBRATION DAMPENERS
PARALLEL WITH EDGE OF FRAME, 4 DAMPENERS






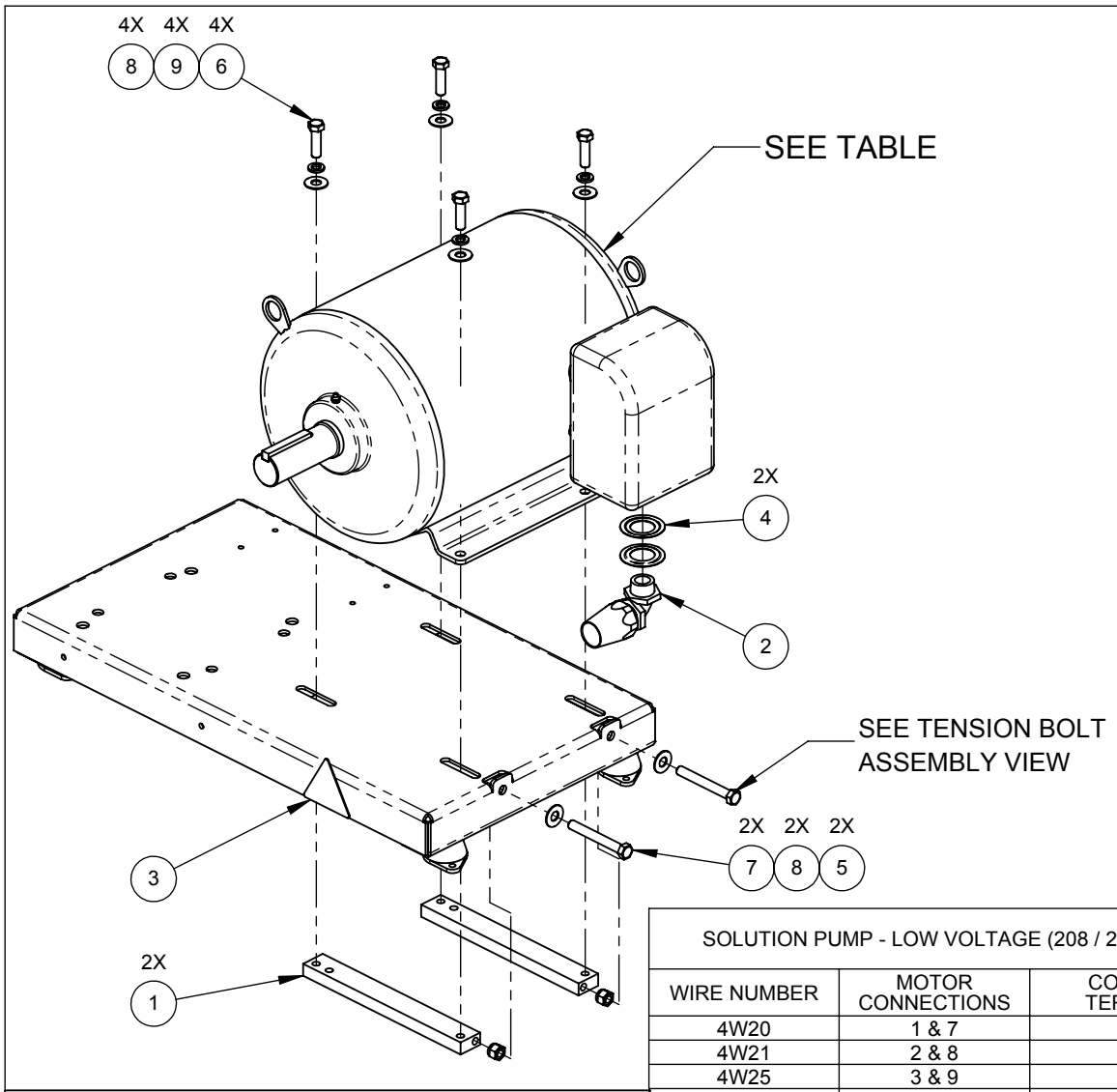
DAMPENER POSITION VIEW



SEE DAMPENER
POSITION VIEW

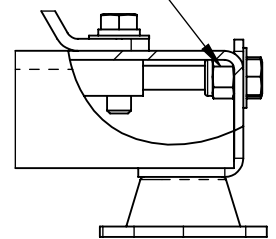
BASE

PICTORIAL PARTS CATALOG		
DESCRIPTION: PUMP AND MOTOR-CAT		
DWG. NO. 11050140	REV 00	SHEET 1 OF 5
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		



ITEM	PART #	DESCRIPTION
1	06190145	BAR,BELT-TENSION-PUMP-STATION
2	36088	CONNECTOR,CONDUIT,1.00,90-DEG,PVC,NUT
3	02030341	DECAL,WARNING,PINCHING-HAZARD
4	36173	KNOCKOUT ADAPTOR 1-1/2" X 1"
5	71015-NCS	NUT,1/2-13,HEX,LOCK,SST
6	70258-HCS	SCREW,1/2-13x1.75,HHCS,SST
7	05040267	SCREW,1/2-13x4.00,HHCS,SST,FULL-THD
8	71515-FSS	WASHER,1/2,FLAT,SST
9	71515-LS	WASHER,1/2,LOCK,SST

TIGHTEN LOCK NUT SO THAT TENSIONING BOLT WILL ROTATE FREELY



TENSION BOLT ASSEMBLY VIEW

SOLUTION PUMP - LOW VOLTAGE (208 / 230V) WIRING		
WIRE NUMBER	MOTOR CONNECTIONS	CONTROL BOX TERMINATIONS
4W20	1 & 7	15K03.2
4W21	2 & 8	15K03.4
4W25	3 & 9	15K03.6
4W32	MTR GND	2X08.2
NOTE: JUMPER TOGETHER MOTOR LEADS 4 & 5 & 6		
SOLUTION PUMP - HIGH VOLTAGE (460V) WIRING		
WIRE NUMBER	MOTOR CONNECTIONS	CONTROL BOX TERMINATIONS
4W20	1	40K03.2
4W21	2	40K03.4
4W25	3	40K03.6
4W32	MTR GND	31X04.1
NOTE: JUMPER TOGETHER MOTOR LEADS 4 & 7		
NOTE: JUMPER TOGETHER MOTOR LEADS 5 & 8		
NOTE: JUMPER TOGETHER MOTOR LEADS 6 & 9		

MOTOR ASSEMBLY

MOTOR AND DRIVE COMPONENT VARIABLES

ASSEMBLY NUMBER	MOTOR	WIRE MOTOR VOLTAGE
11050140 (208V-60Hz)	04120078	LOW
11050141 (380V/460 -60HZ)	04120078	HIGH
11050142 (575V-60Hz)	04120016	HIGH
11050143 (220V-50Hz)	04120079	HIGH
11050144 (380V-50Hz)	04120079	LOW

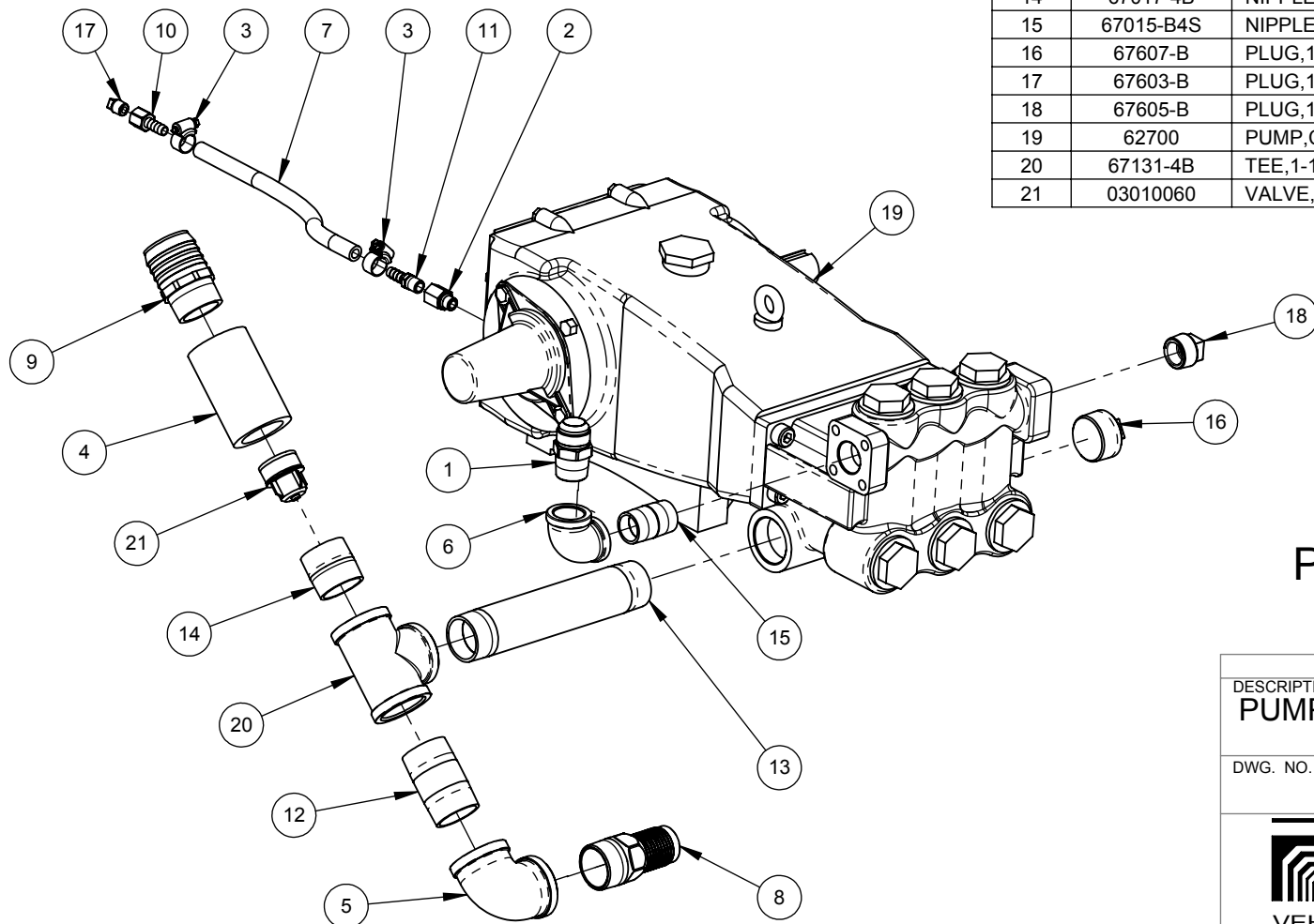
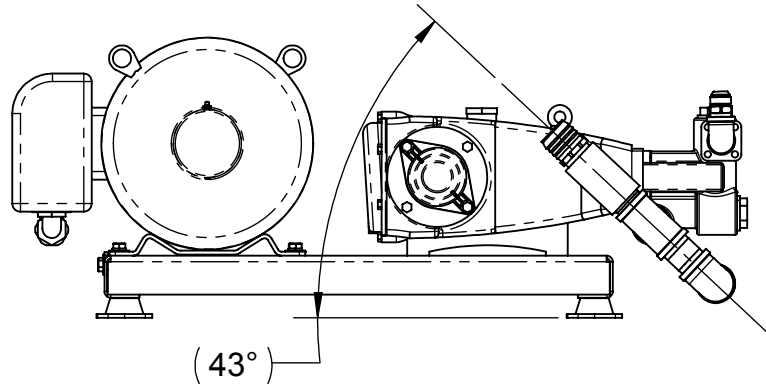
PICTORIAL PARTS CATALOG

DESCRIPTION:
PUMP AND MOTOR-CAT

DWG. NO.	REV	SHEET
11050140	00	2 OF 5

VEHICLE WASH SYSTEMS

PART OF OPW ADOVER COMPANY



ITEM	PART #	DESCRIPTION
1	03140044	ADAPTER,#16-MJICx1MPT,Z-PLT
2	03140010	ADAPTER,STR,1/4-19BSPPx1/4FNPT,PL-STL
3	75101	CLAMP,HOSE,#6,.38-.50H,SST
4	03070053	COUPLING,1-1/2NPTx4",W/CHKSEAT,PVC
5	67414-4B	ELBOW,1-1/2NPT,90DEG,SC40,BRS
6	67410-4S	ELBOW,1NPT,90DEG,SC40,SST
7	03340098	HOSE,HYD,24",.375,300PSI,INSTA,GRIP
8	68141-MB	HOSE-BARB,1-1/2Hx1-1/2MNPT,BRS
9	68146-MHP	HOSE-BARB,2Hx1-1/2MPT,PVC
10	03310032	HOSE-BARB,3/8Hx1/4FNPT,BRS
11	03310003	HOSE-BARB,3/8Hx1/4MNPT,BRS
12	03130061	NIPPLE,1-1/2NPTx3.00,SCH40,BRS
13	03130072	NIPPLE,1-1/2NPTx9.00,SC40,SST
14	67017-4B	NIPPLE,1-1/2NPTxCLOSE,SC40,BRS
15	67015-B4S	NIPPLE,1NPTx2.00,SC40,SST
16	67607-B	PLUG,1-1/2NPT,SQ-HD,BRS
17	67603-B	PLUG,1/4NPT,SQ-HD,BRS
18	67605-B	PLUG,1NPT,SQ-HD,BRS
19	62700	PUMP,CAT,3535,36GPM,1200,PSI,PLUNGER
20	67131-4B	TEE,1-1/2NPT,PIPE,SC40,BRS
21	03010060	VALVE,CHECK,1-1/2",CRTG-STYLE,PLSTC/EPDM

PUMP PLUMBING

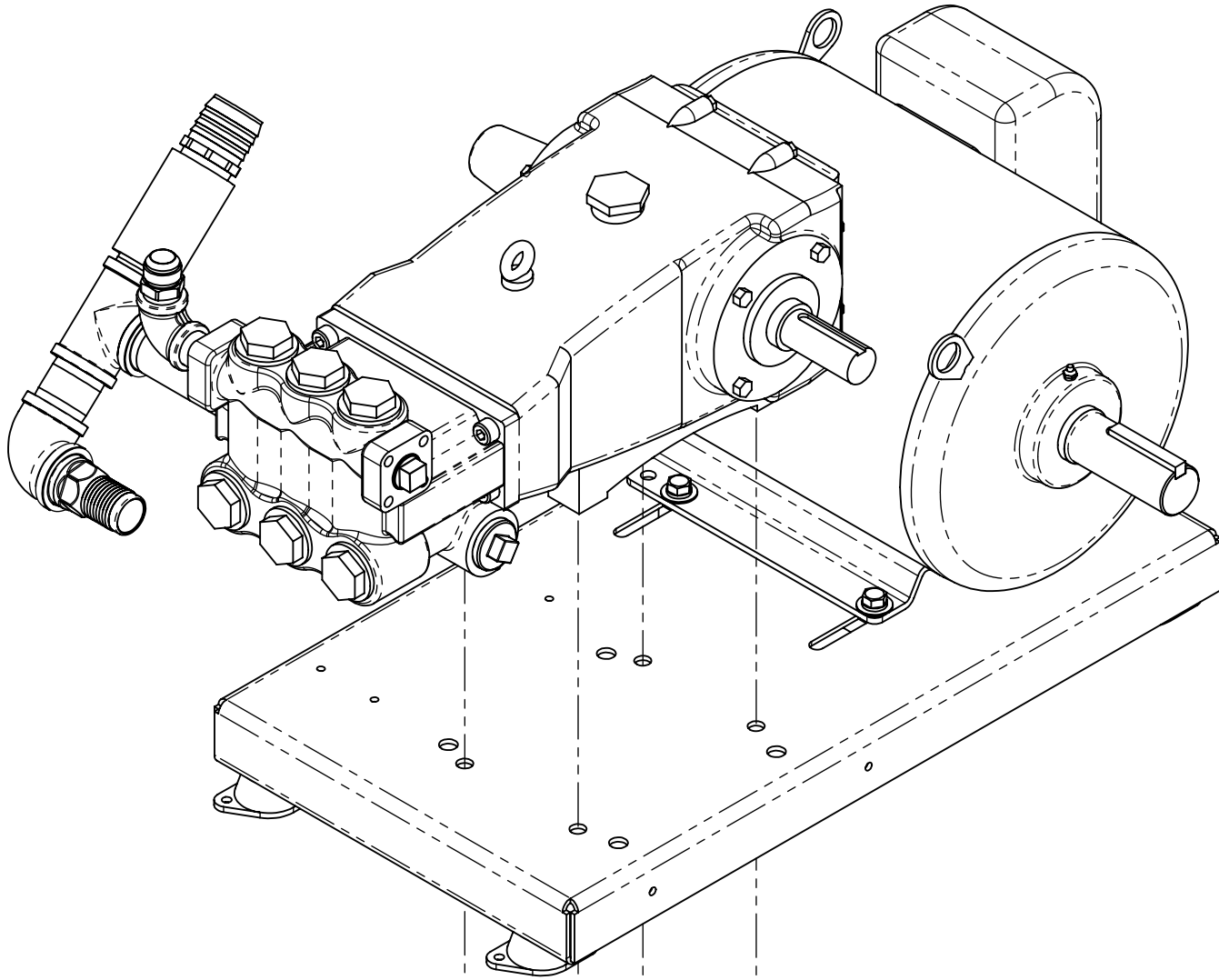
PICTORIAL PARTS CATALOG

DESCRIPTION:
PUMP AND MOTOR-CAT

DWG. NO.	REV	SHEET
11050140	00	3 OF 5



ITEM	PART #	DESCRIPTION
1	05040099	SCREW,M14x30mm,HHCS,SST
2	05030044	WASHER,M14,FLAT,SST
3	05030070	WASHER,M14,LOCK,SPLIT,SST



PUMP MOUNTING

4X 4X 4X
 1 3 2

APPLY BLUE LOCTITE #243 (PDQ P/N 90043)
 TORQUE TO 50 FT-LB

PICTORIAL PARTS CATALOG

DESCRIPTION:
PUMP AND MOTOR-CAT

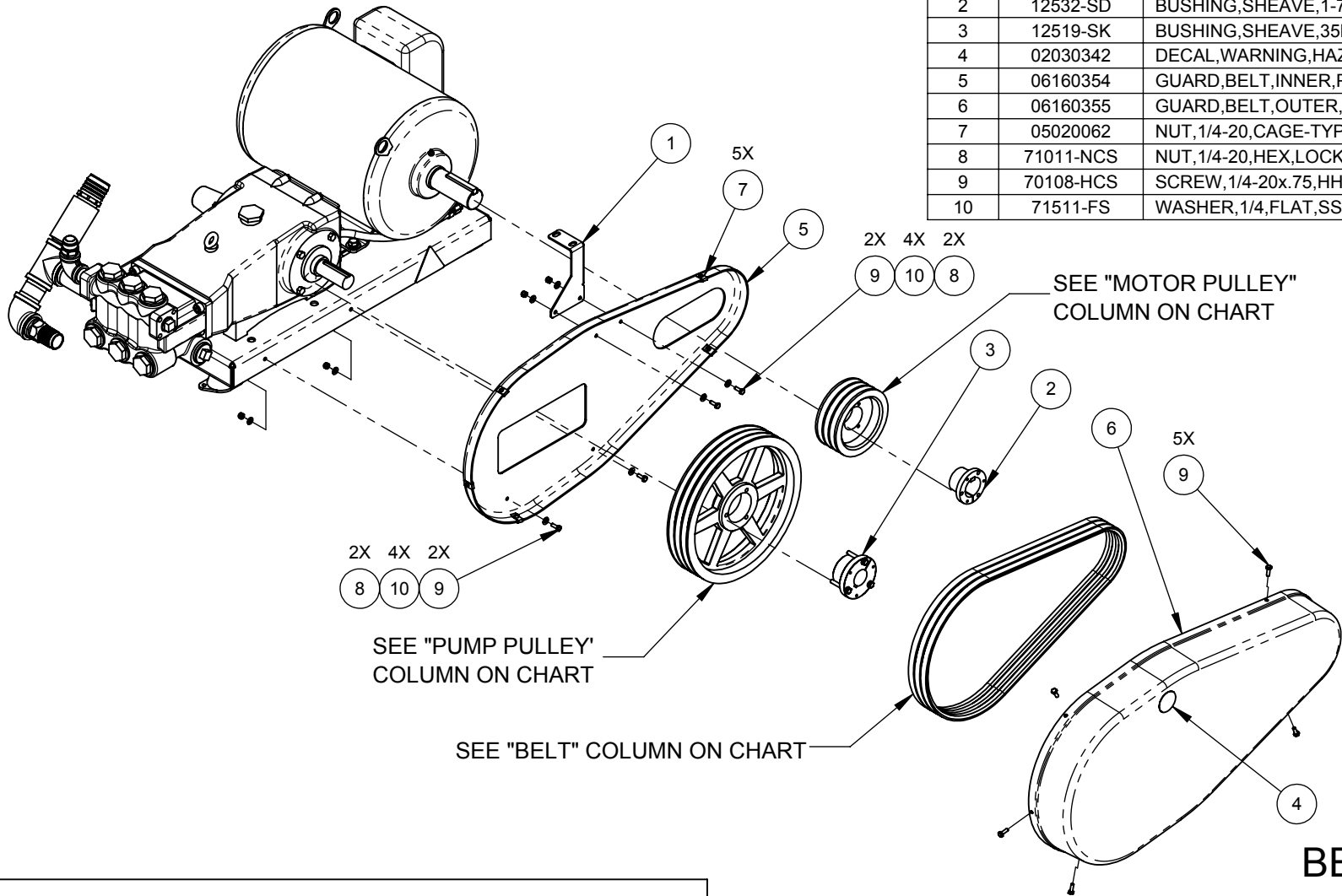
DWG. NO.	REV	SHEET
11050140	00	4 OF 5



VEHICLE WASH SYSTEMS

PART OF OPW DOVER COMPANY

ITEM	PART #	DESCRIPTION
1	06141331	BRACKET,SUPPORT,BELT-GUARD,SST,TF
2	12532-SD	BUSHING,SHEAVE,1-7/8,TYPE-SD
3	12519-SK	BUSHING,SHEAVE,35MM,SK,STL
4	02030342	DECAL,WARNING,HAZARDOUS-MOVING-PARTS
5	06160354	GUARD,BELT,INNER,PUMP-STATION,LASERWASH
6	06160355	GUARD,BELT,OUTER,PUMP-STATION,LASERWASH
7	05020062	NUT,1/4-20,CAGE-TYPE,PLTD-STL
8	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
9	70108-HCS	SCREW,1/4-20x.75,HHCS,SST
10	71511-FS	WASHER,1/4,FLAT,SST





MOTOR AND DRIVE COMPONENT VARIABLES			
ASSEMBLY NUMBER	MOTOR PULLEY	PUMP PULLEY	BELTS
11050140 (208V-60Hz)	12026-3SD	12043-3SK	11055-BX
11050141 (380V/460 -60HZ)	12026-3SD	12043-3SK	11055-BX
11050142 (575V-60Hz)	12026-3SD	12043-3SK	11055-BX
11050143 (220V-50Hz)	06030010	12037-3SK	06020049
11050144 (380V-50Hz)	06030010	12037-3SK	06020049


PICTORIAL PARTS CATALOG

DESCRIPTION:
PUMP AND MOTOR-CAT

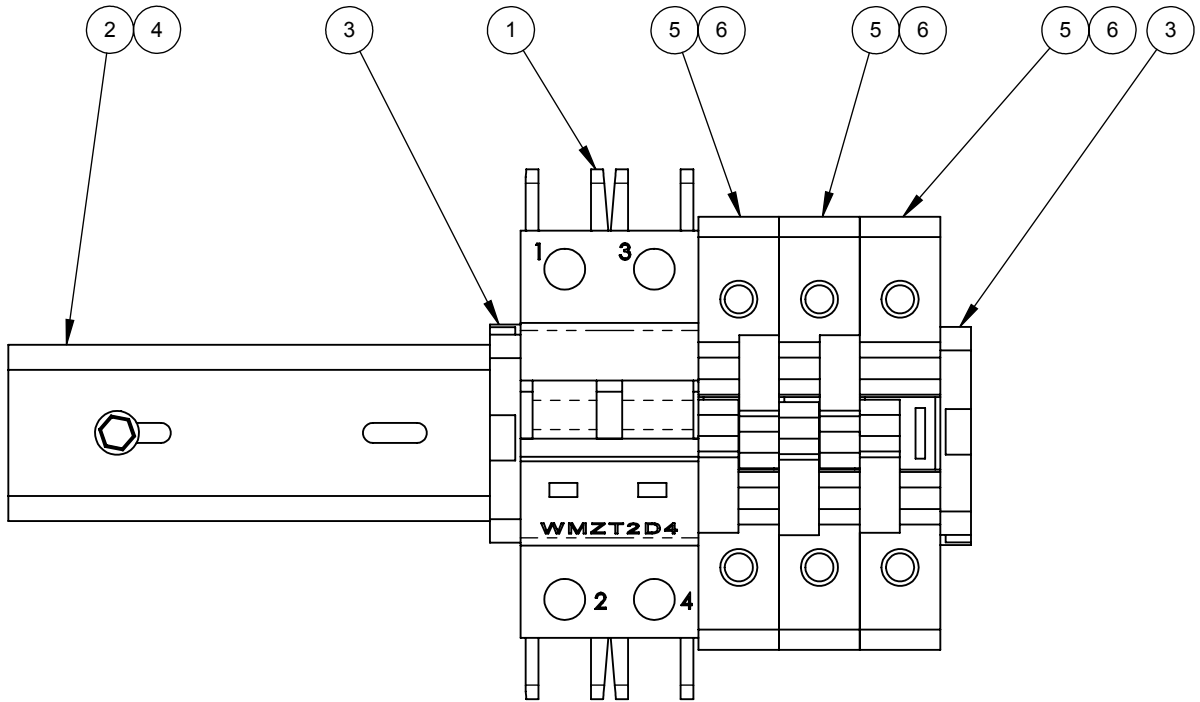
DWG. NO.	REV	SHEET
11050140	00	5 OF 5

VEHICLE WASH SYSTEMS

PART OF OPW  COMPANY

ITEM	PART #	DESCRIPTION
1	04110089	CIRCUIT-BREAKER,4A,2P,D,277V,UL489
2	36950-7.50	DIN-RAIL,35mmx7.50",AL
3	36650	END-STOP,6mm,PLST,GRAY,249-116
4	73604-TXCZ	SCREW,#8x.50,HHTEK,ZP
5	04100063	TERMINAL-BLOCK,2P,100A,600V,AWG8-2
6	04100064	TERMINAL-BLOCK-INSERT,32A,800V,AWG-24-10



HIGH VOLTAGE TERMINALS

PICTORIAL PARTS CATALOG

DESCRIPTION:

**LASERWASH PUMP STATION
CONTROL BOX**

DWG. NO.

11010289

REV

02

SHEET

1 OF 12



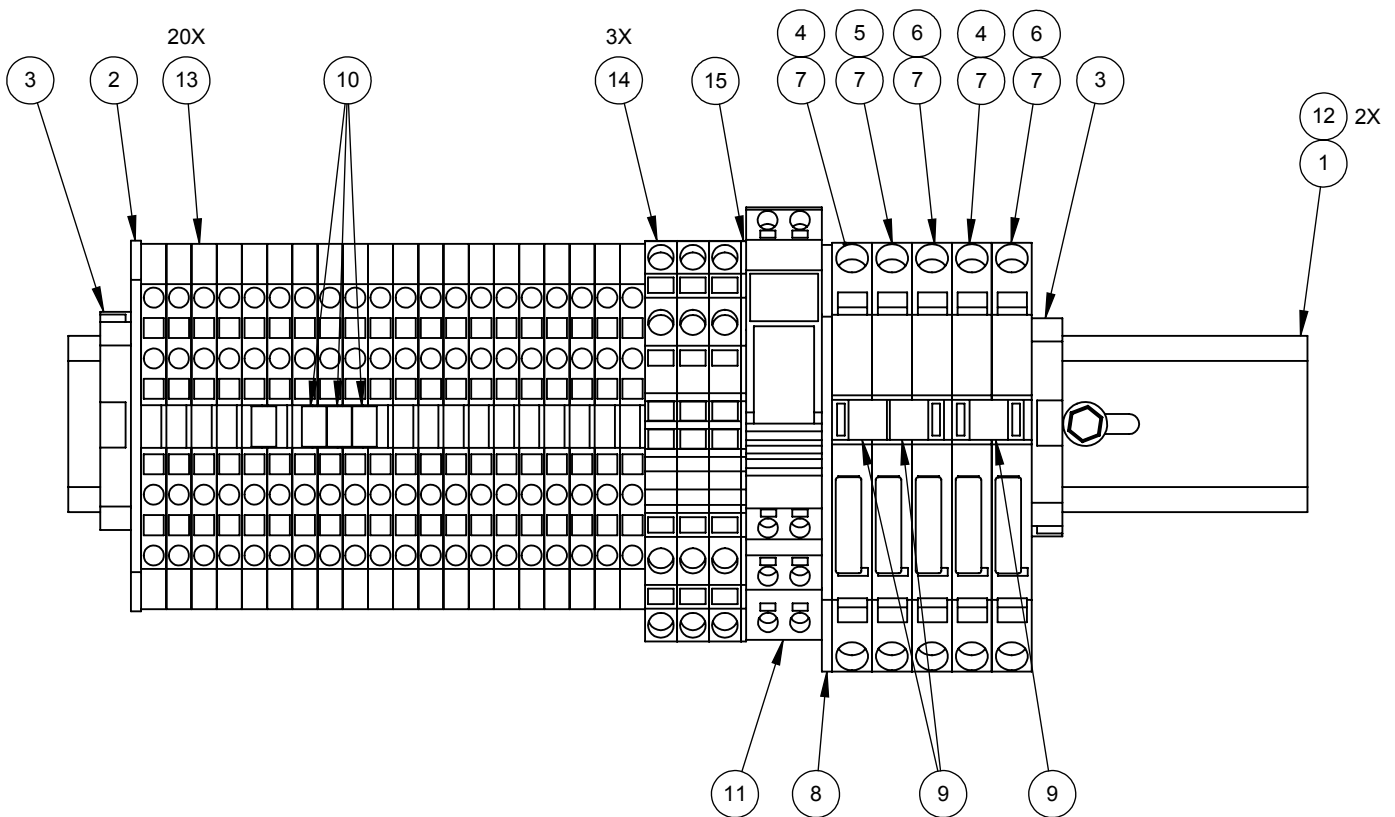
VEHICLE WASH SYSTEMS






PART OF OPW

DOVER COMPANY

ITEM	PART #	DESCRIPTION
1	36950-9.68	DIN-RAIL,35mmX10.5mmX1M,AL
2	36607	END PLATE,FRONT,4P,280-317,ORANGE
3	36650	END-STOP,6mm,PLST,GRAY,249-116
4	04110086	FUSE,15A,MINI,FAST-ACTING,AUTOMOTIVE
5	04110034	FUSE,3A,MINI,FAST-ACTING,AUTOMOTIVE
6	04110059	FUSE,5A,MINI,FAST-ACTING,AUTOMOTIVE,STYL
7	04110031	FUSE-HOLDER,AUTOMOTIVE,TERM-BLK
8	04110035	FUSE-HOLDER,END-PLATE,2P,MINI-AUTOMOTIVE
9	36802	JUMPER INSULATED 282-402
10	36800	JUMPER,INSULATED,GRAY
11	04050008	RELAY-SOCKET,W-DPDT-RELAY,24VAC,8A
12	73604-TXCZ	SCREW,#8x.50,HHTEK,ZP
13	36507	TERMINAL-BLK,26-14GA,4P,GRAY
14	04100050	TERMINAL-BLOCK,4P,10-20AWG,30A,GRAY,WAGO
15	04100051	TERMINAL-END-BARRIER,ORANGE,4P,WAGO

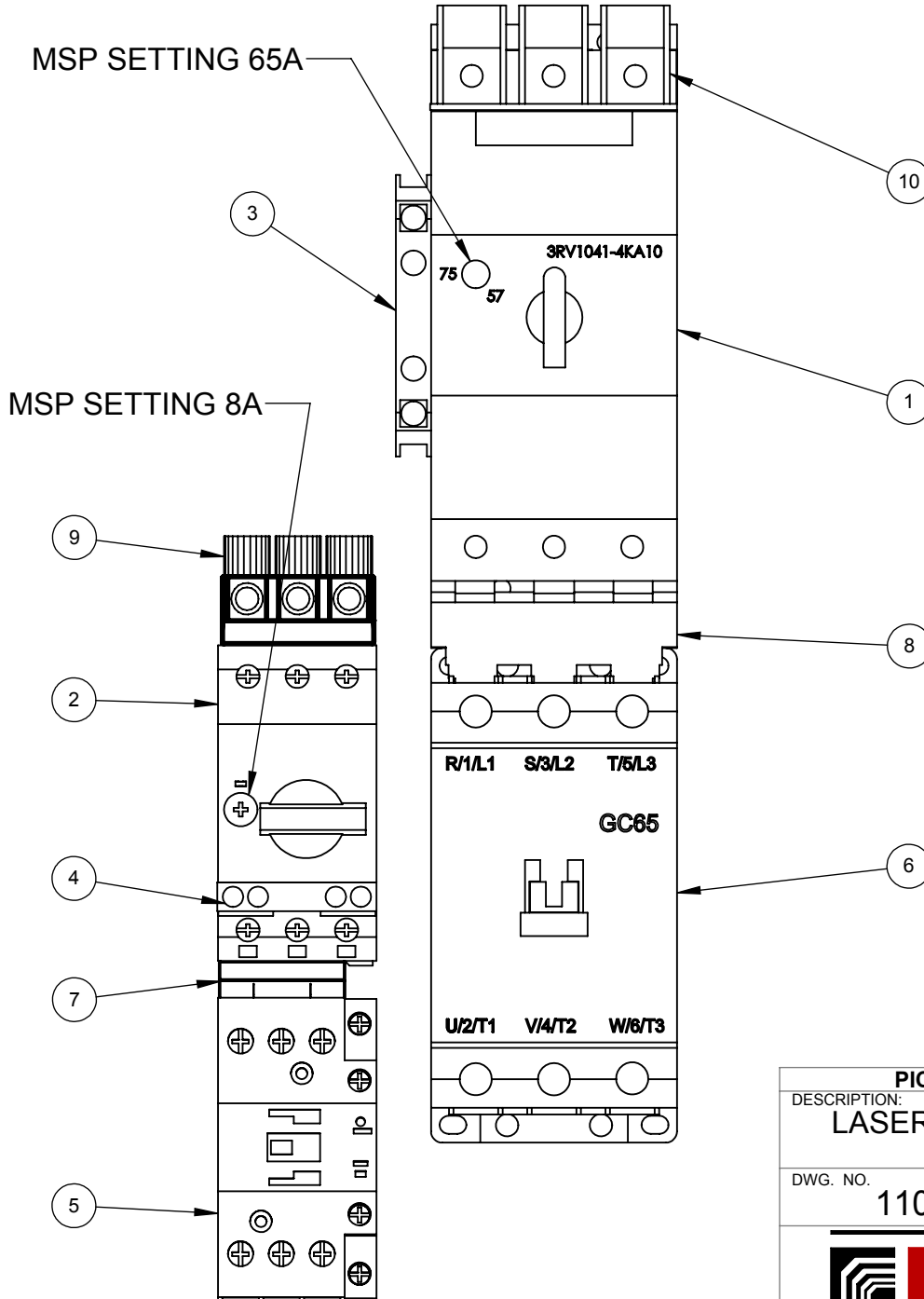


LOW VOLTAGE TERMINALS

PICTORIAL PARTS CATALOG		
DESCRIPTION: LASERWASH PUMP STATION CONTROL BOX		
DWG. NO. 11010289	REV 02	SHEET 2 OF 12
		
VEHICLE WASH SYSTEMS		
PART OF OPW		

HIGH PRESSURE PUMP 208/230V
 SOLUTION PUMP 208/230V

ITEM	PART #	DESCRIPTION
2	04110071	CIRCUIT-BREAKER,3P,57-75A,MSP,600V,50KA
3	04110108	CIRCUIT-BREAKER,MSP,6.3-11A,65KA,480V
3	04010009	CONTACT,AUX,SIDE-MOUNT,NO-NC,3RV-SERIES
4	04010010	CONTACT,AUX,TOP-MOUNT,NO-NC,EATON
5	04020032	CONTACTOR,25A,24V-50/60HZ,AUX-NO,600V
6	04020025	CONTACTOR,65A,24VAC,200-575VAC,50/60HZ
7	04110104	LINK,MODULE,SIZE-S0,MSP-TO-CONTACTOR
8	04110062	LINK-MODULE,MSP-TO-CONTACTOR
9	04110103	MSP,PHASE,SEPARATOR,FRAME-SIZE,B
10	04110083	MSP,PHASE,SEPARATOR,FRAME-SIZE-S3



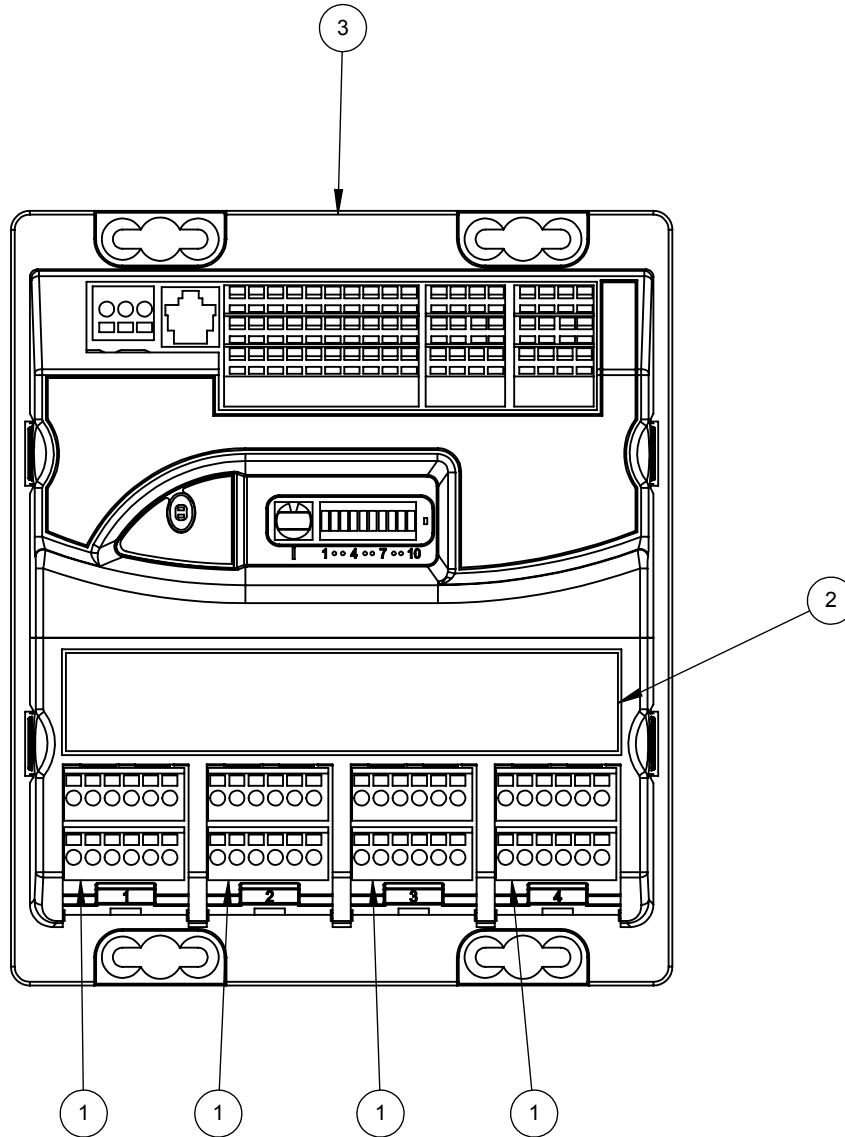
PICTORIAL PARTS CATALOG
 DESCRIPTION:
LASERWASH PUMP STATION CONTROL BOX




DWG. NO.	REV	SHEET
11010289	02	3 OF 12

PDQ
 VEHICLE WASH SYSTEMS

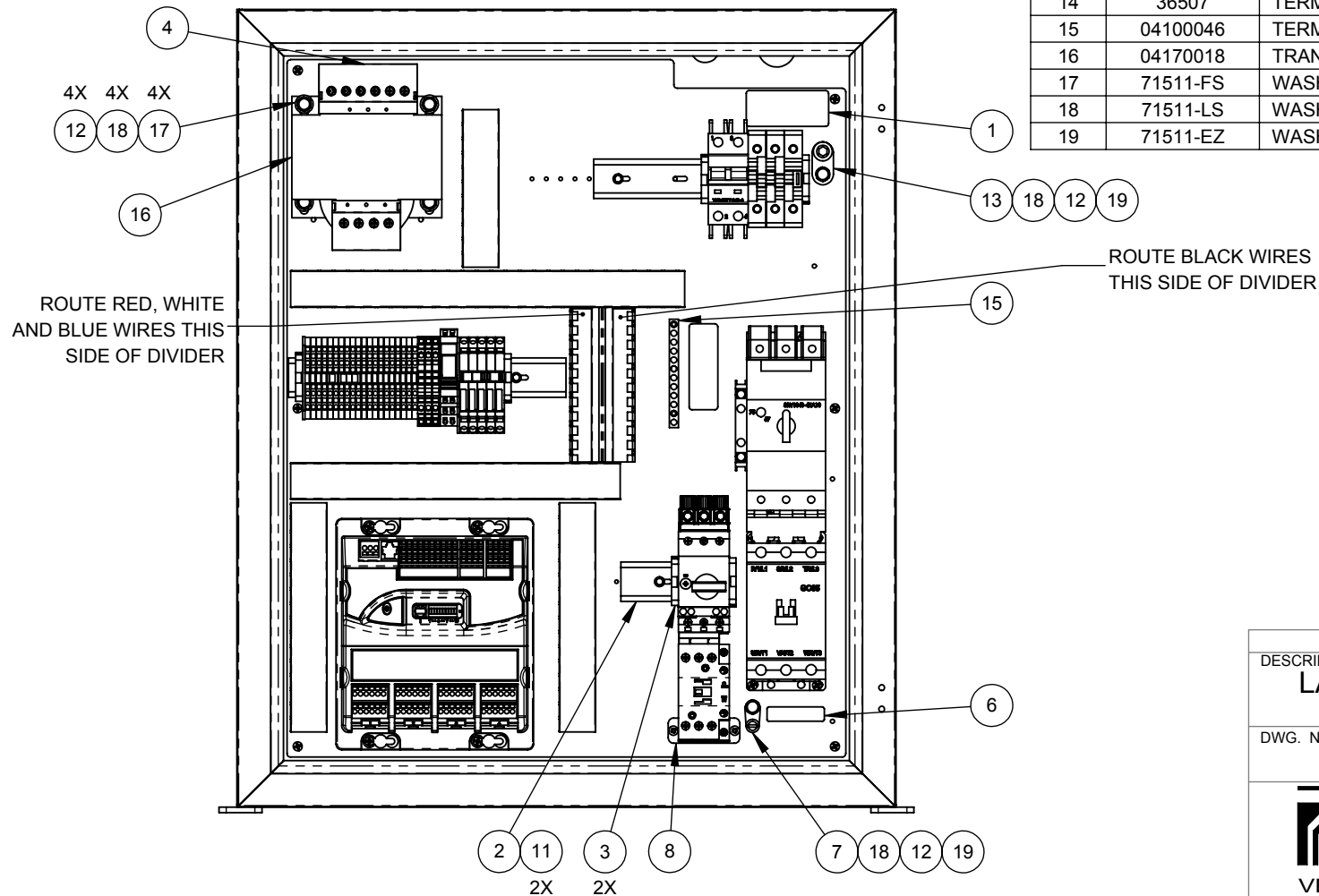
PART OF OPW **DOVER** COMPANY

ITEM	PART #	DESCRIPTION
1	04580019	CIRCUIT-BOARD,OUTPUT,5-RELAY,6A
2	02030651	DECAL,OUTPUT-LIST,PUMP,NODE,LW360PLUS
3	11010052	NODE,I/O-MODULE,10IN,20OUT,4US,2SERIAL



PICTORIAL PARTS CATALOG		
DESCRIPTION: LASERWASH PUMP STATION CONTROL BOX		
DWG. NO. 11010289	REV 02	SHEET 4 OF 12
		
VEHICLE WASH SYSTEMS		
PART OF OPW		



ITEM	PART #	DESCRIPTION
1	02030657	DECAL,PUMP-STATION,MAIN,PWR,LW360PLUS
2	36950-4.00	DIN-RAIL,35mmx4.00",AL
3	36650	END-STOP,6mm,PLST,GRAY,249-116
4	06160232	GUARD,TRANSFORMER-TERMINAL,XFMR-04170018
5	36800	JUMPER,INSULATED,GRAY
6	02240073	LABEL,INFO,TORQUE,RATING,GND-LUG
7	34900	LUG,GROUNDING,14-4GA,COPPER
8	06240906	PLATE,MOUNTING,SOL-PUMP,CONTACTOR,LW360P
9	05040240	SCREW,#10-32x.50,PPHMS,SST
10	70033-SCS	SCREW,#8-32x.38,PRHMS,SST
11	73604-TXCZ	SCREW,#8x.50,HHTEK,ZP
12	70106-HCS	SCREW,1/4-20x.50,HHCS,SST
13	34905	TERMINAL,LUG,8-1/0AWG,8mm,COPPER
14	36507	TERMINAL-BLK,26-14GA,4P,GRAY
15	04100046	TERMINAL-BLOCK,GND-BAR,9P,8-14AWG,225A
16	04170018	TRANSFORMER,208-240-480-575,500VA,48VCT
17	71511-FS	WASHER,1/4,FLAT,SST
18	71511-LS	WASHER,1/4,LOCK,SST
19	71511-EZ	WASHER,1/4,STAR,ZP




PICTORIAL PARTS CATALOG

DESCRIPTION:
LASERWASH PUMP STATION CONTROL BOX

DWG. NO.	REV	SHEET
11010289	02	5 OF 12

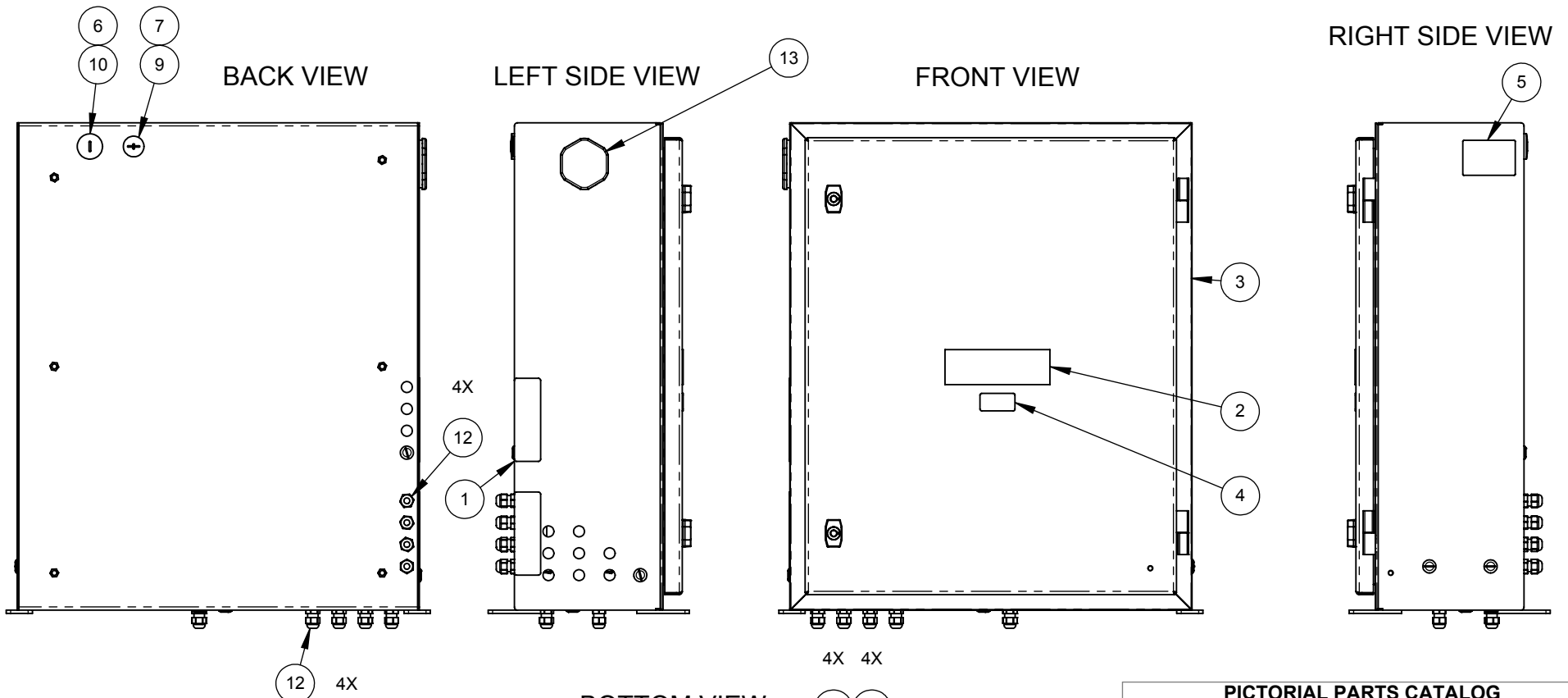



VEHICLE WASH SYSTEMS

PART OF OPW  COMPANY

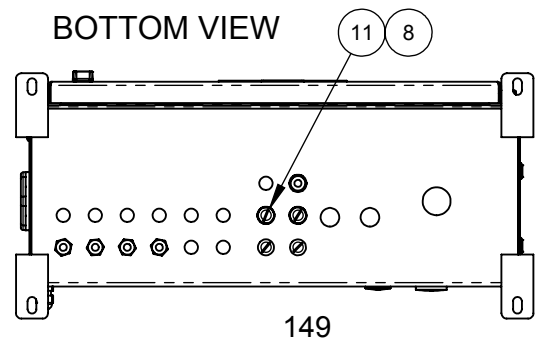
ITEM	PART #	DESCRIPTION
1	02030664	DECAL,CABLE,ENTRY,PUMP-STATION,LW360PLUS
2	02030555	DECAL,LOCK-OUT,ARC-FLASH,HIGH-VOLTS,2x6
3	04090161	ENCLOSURE,PUMP-STATION,ELECTRICAL,LW360P
4	M402030	LABEL PRINTED "CAUTION THIS UNIT HAS..."
5	SEE TABLE	LABEL,ID,11010289,PMP-STA-CTRL,LW360PLUS
6	05020063	NUT,LOCK,M32x1.5,NYL,GREY
7	05020070	NUT,M25x1.5,NYL,GRAY
8	05020053	NUT,PG-9,HEX,LOCK,NYL

ITEM	PART #	DESCRIPTION
9	04330014	PLUG,HOLE,M25x1.5,POLYSTYRENE,GRAY
10	04330011	PLUG,HOLE,M32x1.5,NYLON
11	04330010	PLUG,HOLE,PG9,NYLON,GREY
12	04450024	STRAIN-RELIEF,.138-.315",W/LOCKNUT,NYLON
13	03160018	VENT,M32X1.5,POLYCARBONATE,GORE



LASERWASH 360P PUMP STATION ID LABEL CHART

PART NUMBER	SITE VOLTAGE
02230216	208-230V,60HZ
02230262	400V,60HZ
02230263	460V,60HZ
02230264	575V,60HZ
02230265	220V,50HZ
02230266	400V,50HZ



PICTORIAL PARTS CATALOG

DESCRIPTION:
LASERWASH PUMP STATION CONTROL BOX

DWG. NO. 11010289 REV 02 SHEET 6 OF 12

PDQ
VEHICLE WASH SYSTEMS

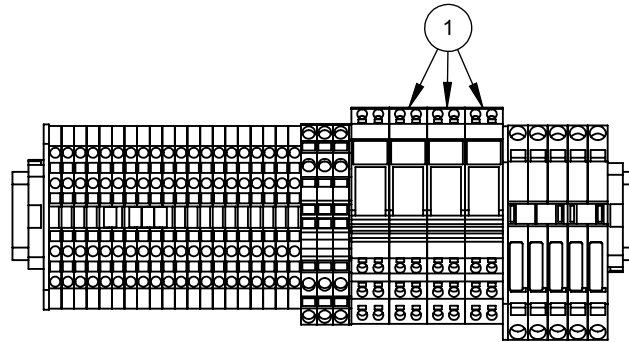
PART OF OPW DOVER COMPANY

ITEM	PART #	DESCRIPTION
1	04050010	RELAY-SOCKET,W-DPDT-RELAY,12VDC,8A



OPTIONAL VALVE CONTROL
RELAY INSTALLATION

WATER SAVER BOM - 09170159
RO MAIN ARCH BOM - 09170155
RUST INHIBITOR BOM - 09120039

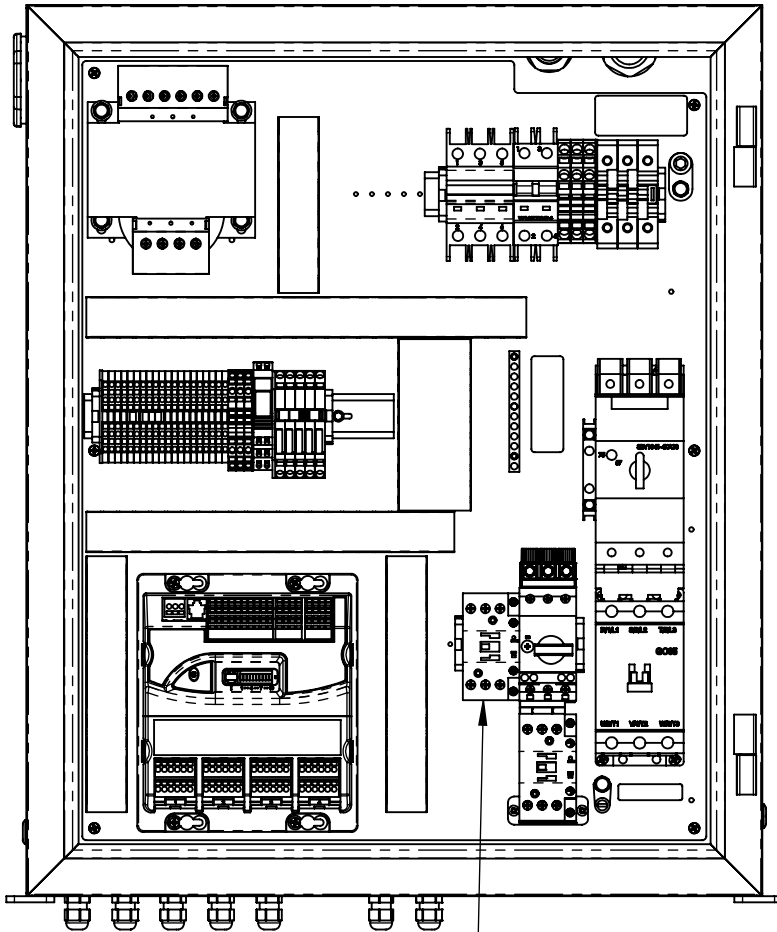
LOW VOLTAGE TERMINAL STRIP



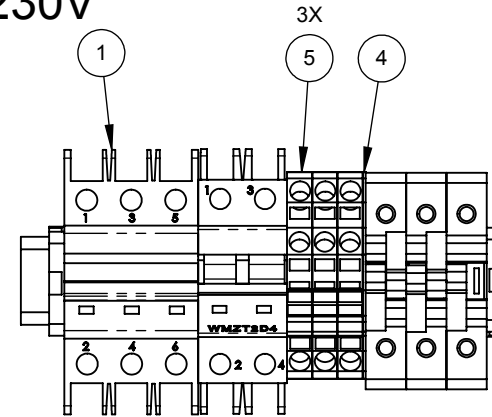
WATER SAVER - 14K06
RO MAIN ARCH - 14K16
RUST INHIBITOR - 14K19

PICTORIAL PARTS CATALOG		
DESCRIPTION: LASERWASH PUMP STATION CONTROL BOX		
DWG. NO. 11010289	REV 02	SHEET 7 OF 12
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small> 		

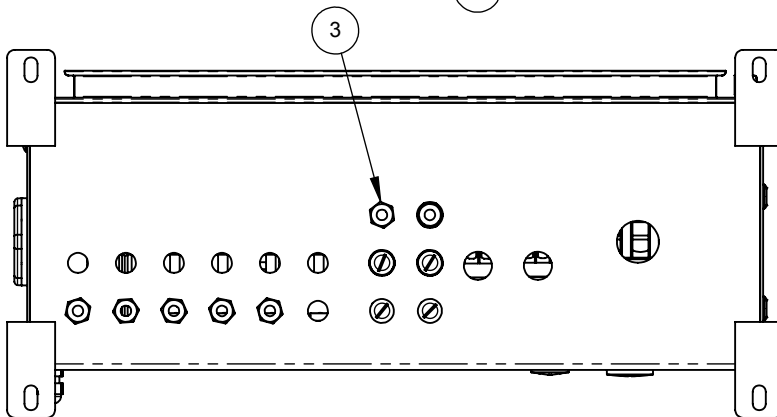
ITEM	PART #	DESCRIPTION
1	04110101	CIRCUIT-BREAKER,35A,3P,B,277/480V,UL-489
2	04020032	CONTACTOR,25A,24V-50/60HZ,AUX-NO,600V
3	04450024	STRAIN-RELIEF,.138-.315",W/LOCKNUT,NYLON
4	04100041	TERMINAL,END-PLATE,WAGO,2010-SER,3P,ORG
5	04100039	TERMINAL-BLOCK,WAGO,3P,8-20AWG,GRAY





09130025
WATER HEATER TANK
CONTROLS 208/230V



09130025
WATER HEATER TANK
TERMINAL STRIP ADDITIONS



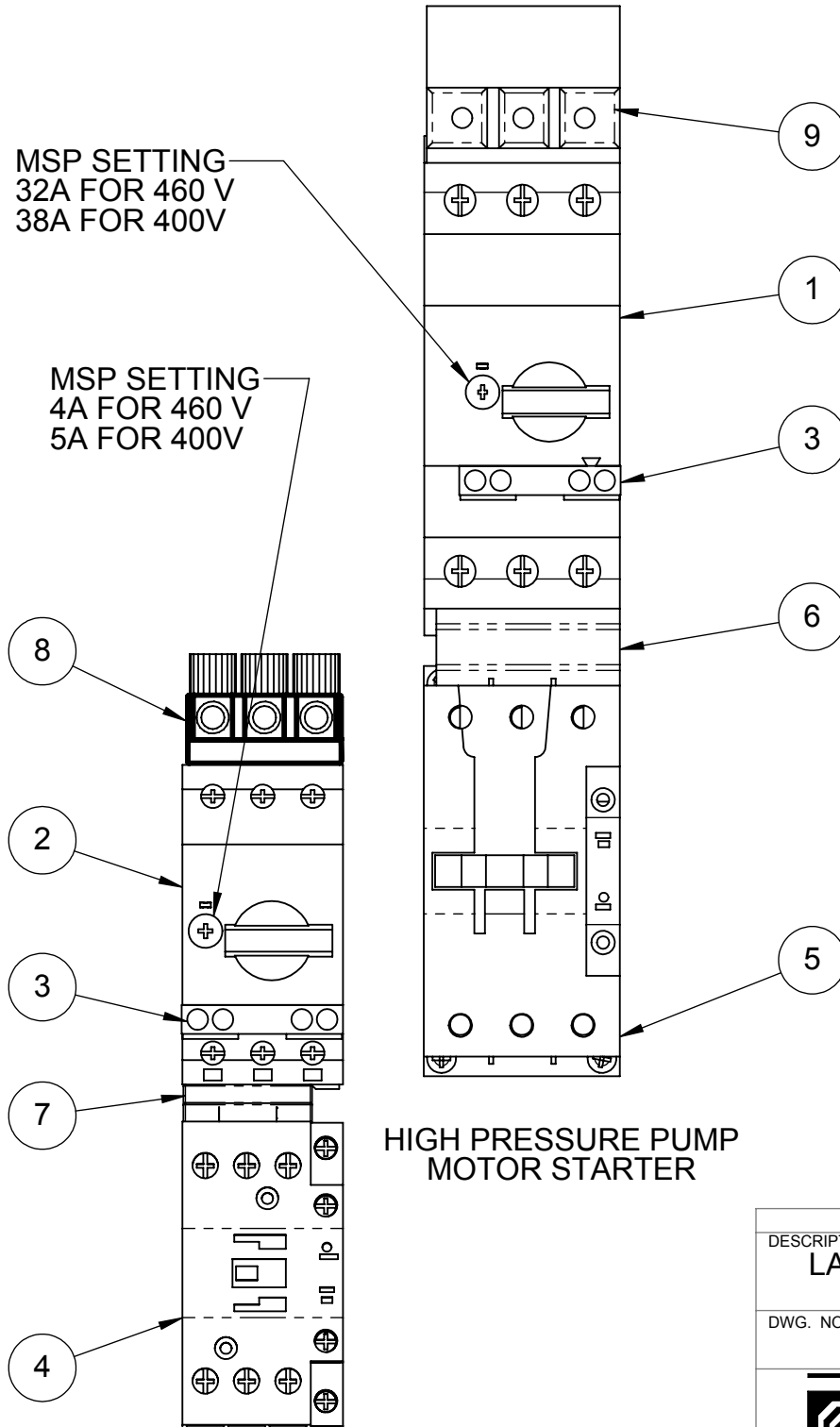
PICTORIAL PARTS CATALOG		
DESCRIPTION: LASERWASH PUMP STATION CONTROL BOX		
DWG. NO. 11010289	REV 02	SHEET 8 OF 12
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small>		<small>ADOVER COMPANY</small>

PUMP PANEL 400V, 460V MOTOR STARTERS

ITEM	PART #	DESCRIPTION
1	04110110	CIRCUIT-BREAKER,MSP,32-40A,65KA,480V
2	04110109	CIRCUIT-BREAKER,MSP,4-6.3A,65KA,480V
3	04010010	CONTACT,AUX, TOP-MOUNT,NO-NC,EATON
4	04020032	CONTACTOR,25A,24V-50/60HZ,AUX-NO,600V
5	04020033	CONTACTOR,63A,24V-50/60HZ,600V
6	04110111	LINK,MODULE,SIZE-D,MSP-TO-CONTACTOR
7	04110104	LINK,MODULE,SIZE-S0,MSP-TO-CONTACTOR
8	04110103	MSP,PHASE,SEPARATOR,FRAME-SIZE,B
9	04110112	MSP,PHASE,SEPARATOR,FRAME-SIZE-D

MSP SETTING
32A FOR 460 V
38A FOR 400V

MSP SETTING
4A FOR 460 V
5A FOR 400V



HIGH PRESSURE PUMP
MOTOR STARTER

SOLUTION PUMP
MOTOR STARTER

PICTORIAL PARTS CATALOG		
DESCRIPTION: LASERWASH PUMP STATION CONTROL BOX		
DWG. NO. 11010289	REV 02	SHEET 9 OF 12



VEHICLE WASH SYSTEMS

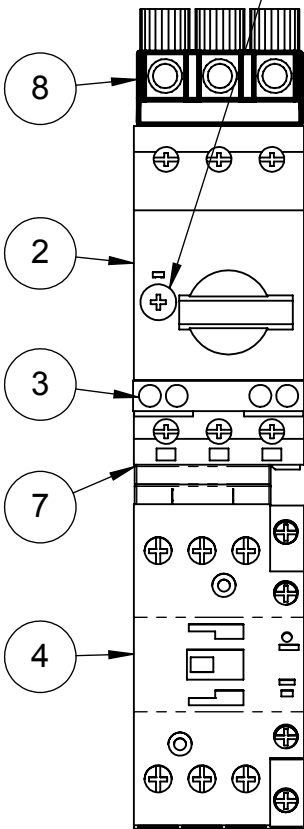
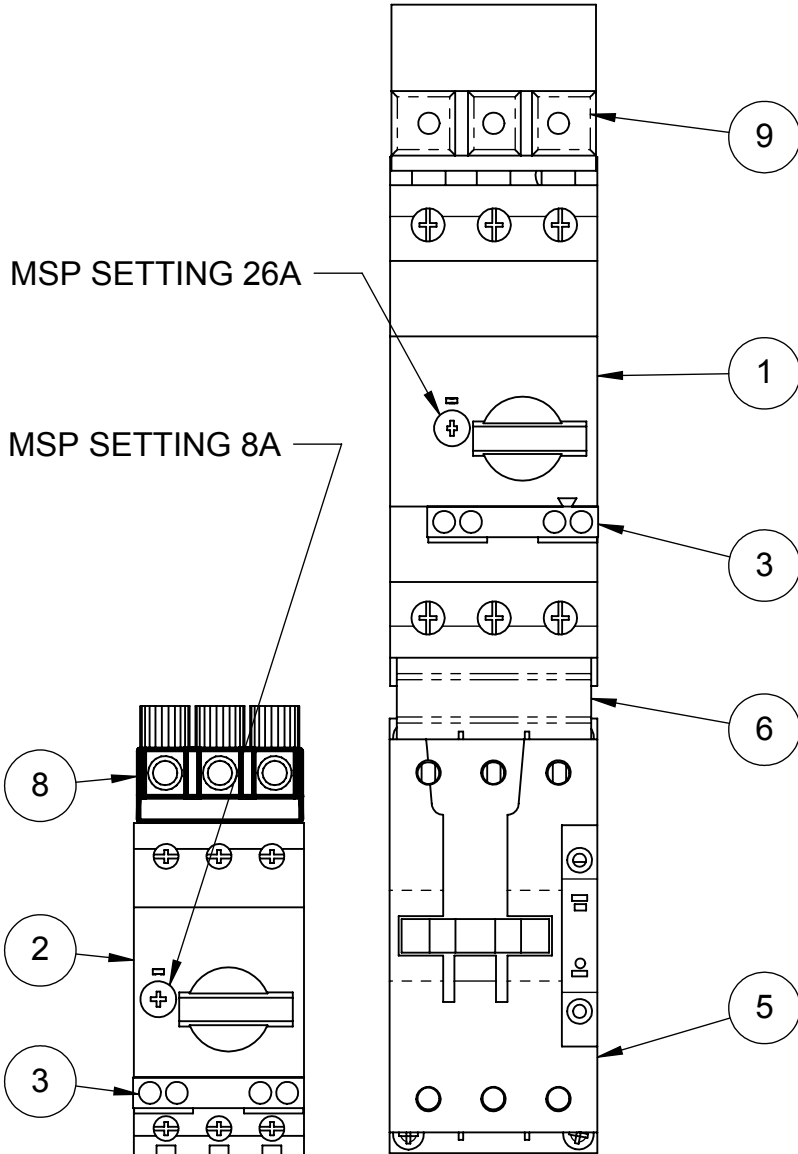
PART OF OPW

A DOVER COMPANY

575V MOTOR STARTERS

ITEM	PART #	DESCRIPTION
1	04110113	CIRCUIT-BREAKER,MSP,24-32A,65KA,480V
2	04110108	CIRCUIT-BREAKER,MSP,6.3-11A,65KA,480V
3	04010010	CONTACT,AUX, TOP-MOUNT,NO-NC,EATON
4	04020032	CONTACTOR,25A,24V-50/60HZ,AUX-NO,600V
5	04020033	CONTACTOR,63A,24V-50/60HZ,600V
6	04110111	LINK,MODULE,SIZE-D,MSP-TO-CONTACTOR
7	04110104	LINK,MODULE,SIZE-S0,MSP-TO-CONTACTOR
8	04110103	MSP,PHASE,SEPARATOR,FRAME-SIZE,B
9	04110112	MSP,PHASE,SEPARATOR,FRAME-SIZE-D

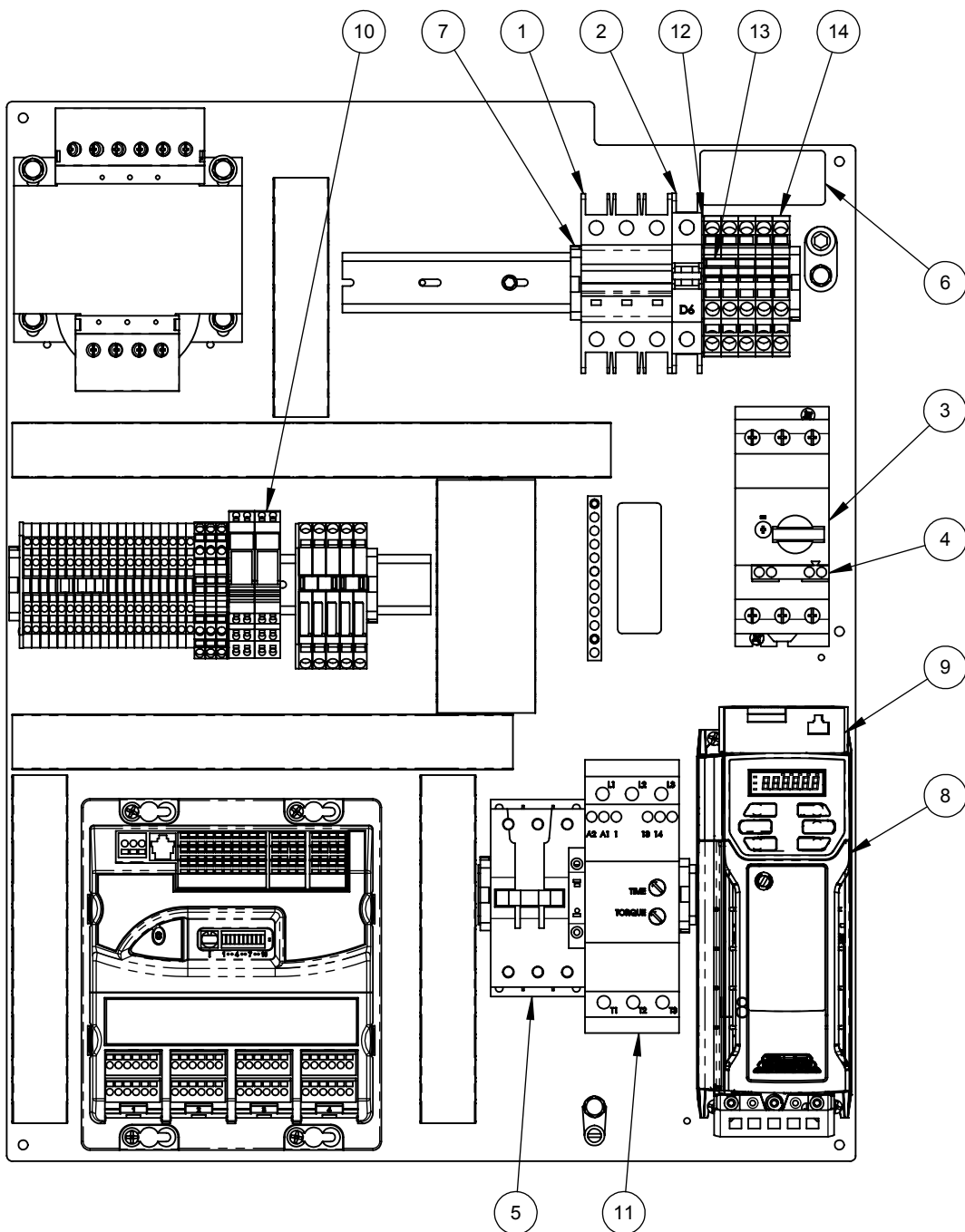
HIGH PRESSURE PUMP MOTOR STARTER



SOLUTION PUMP MOTOR STARTER

PICTORIAL PARTS CATALOG		
DESCRIPTION: LASERWASH PUMP STATION CONTROL BOX		
DWG. NO. 11010289	REV 02	SHEET 10 OF 12





ITEM	PART #	DESCRIPTION
1	04110106	CIRCUIT-BREAKER, 10A, 3P, D, 277/480V, UL-489
2	04110097	CIRCUIT-BREAKER, 6A, 1P, D, 277, UL-489
3	04110110	CIRCUIT-BREAKER, MSP, 32-40A, 65KA, 480V
4	04010010	CONTACT, AUX, TOP-MOUNT, NO-NC, EATON
5	04020033	CONTACTOR, 63A, 24V-50/60HZ, 600V
6	02030677	DECAL, PUMP-STATION, MAIN, PWR, 400V, LW360P
7	36650	END-STOP, 6mm, PLST, GRAY, 249-116
8	04180039	FREQUENCY-DRIVE, UM200, 3.0HP, 480V, 3PH
9	04540100	MODULE, VFD, INTERFACE, COMM, RS-485, LW360P
10	04050008	RELAY-SOCKET, W-DPDT-RELAY, 24VAC, 8A
11	04180026	SOFT-START, 200-480V, 45A, 24V-CTRL, SIEMENS
12	04100041	TERMINAL, END-PLATE, WAGO, 2010-SER, 3P, ORG
13	04100042	TERMINAL, JUMPER, WAGO, 2010-SERIES
14	04100039	TERMINAL-BLOCK, WAGO, 3P, 8-20AWG, GRAY



PUMP PANEL COMPONENTS

400V, 50HZ


PICTORIAL PARTS CATALOG

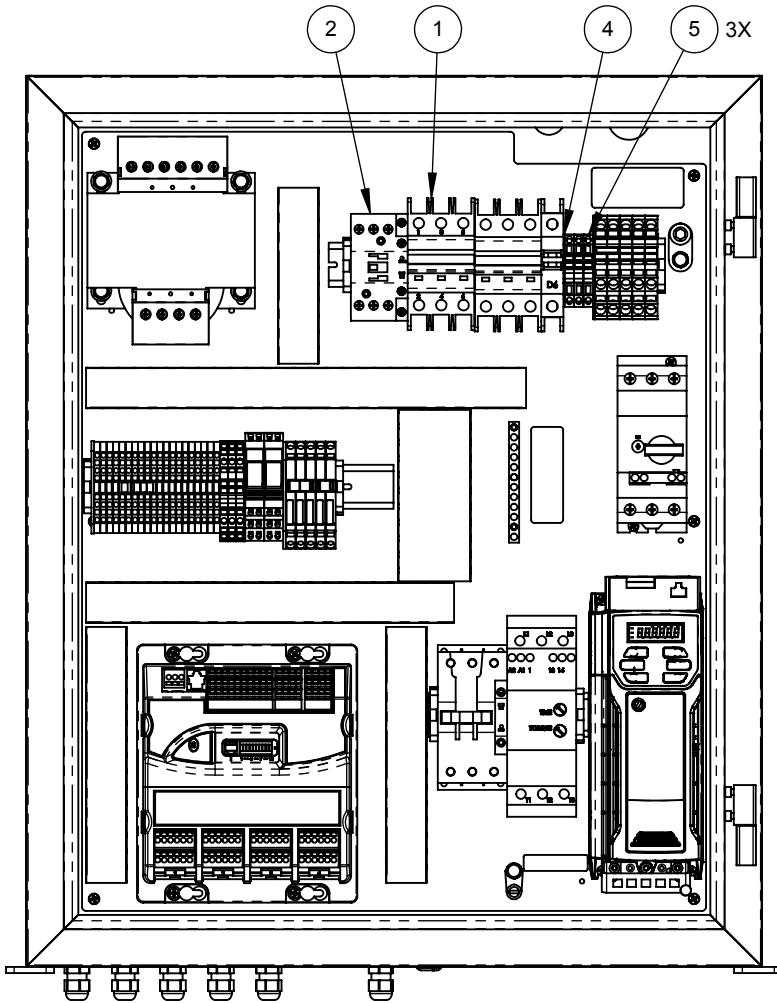
DESCRIPTION:
LASERWASH PUMP STATION CONTROL BOX

DWG. NO.	REV	SHEET
11010289	02	11 OF 12

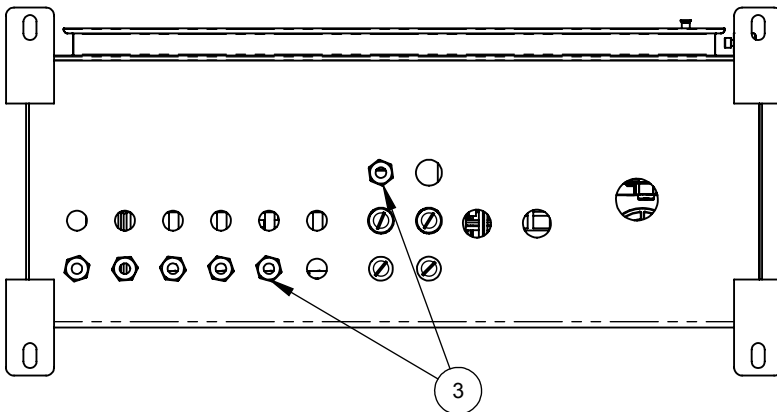
VEHICLE WASH SYSTEMS




PART OF OPW  COMPANY



ITEM	PART #	DESCRIPTION
1	04110105	CIRCUIT-BREAKER,20A,3P,B,277/480V,UL-489
2	04020032	CONTACTOR,25A,24V-50/60HZ,AUX-NO,600V
3	04450024	STRAIN-RELIEF,.138-.315",W/LOCKNUT,NYLON
4	04100070	TERMINAL,END-PLATE,WAGO,2006-SERIES,GRAY
5	04100069	TERMINAL-BLOCK,2P,41A,800V,AWG-20-8
6	02240073	LABEL,INFO,TORQUE,RATING,GND-LUG

WATER HEATER TANK CONTROLS 400V

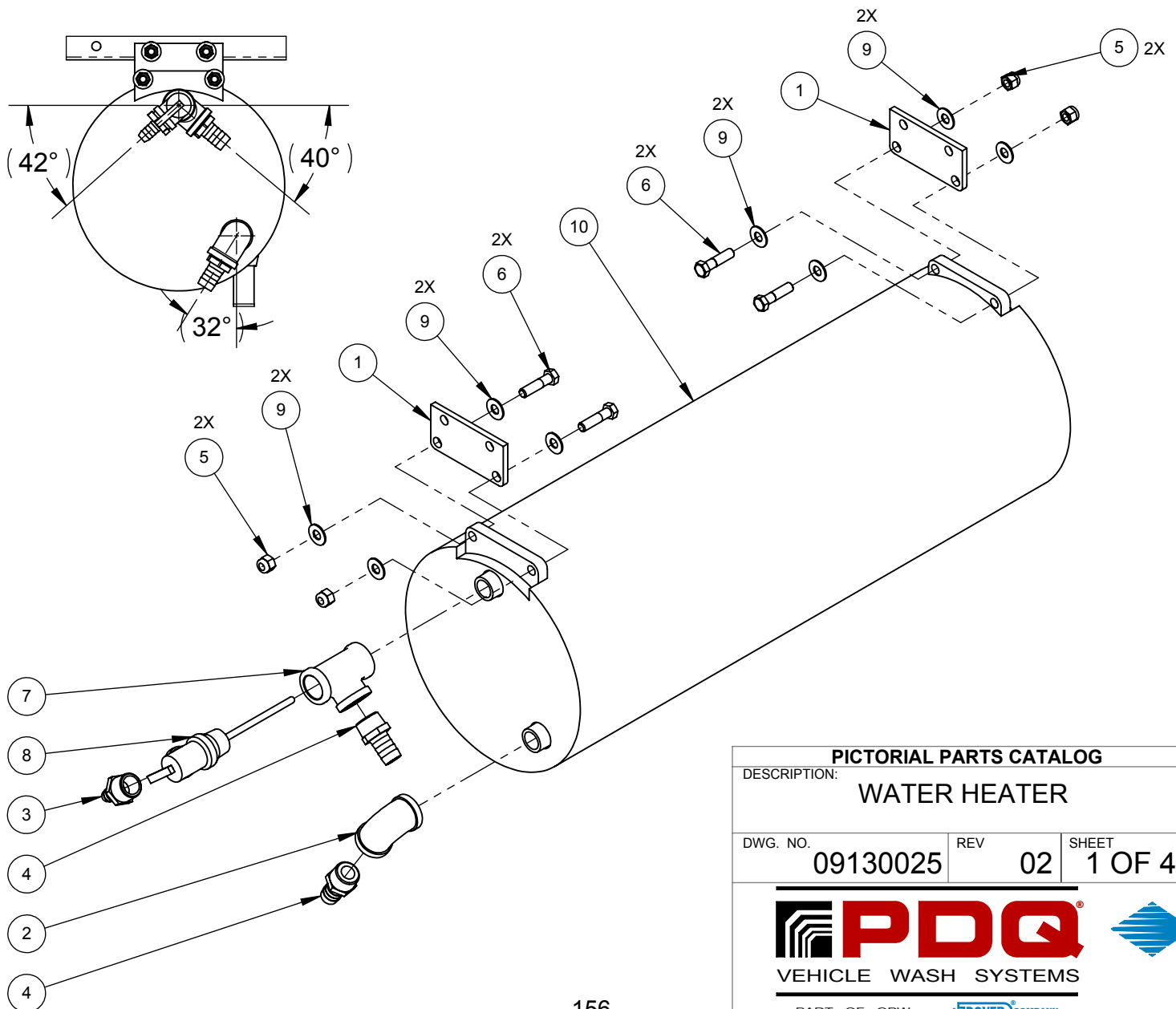




PICTORIAL PARTS CATALOG		
DESCRIPTION: LASERWASH PUMP STATION CONTROL BOX		
DWG. NO.	REV	SHEET
11010289	02	12 OF 12
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

WATER HEATER CHART	
OPTION #	WATER HEATER
09130025 (208V)	04190030
09130026 (240V)	04190031
09130027 (380V)	04190031

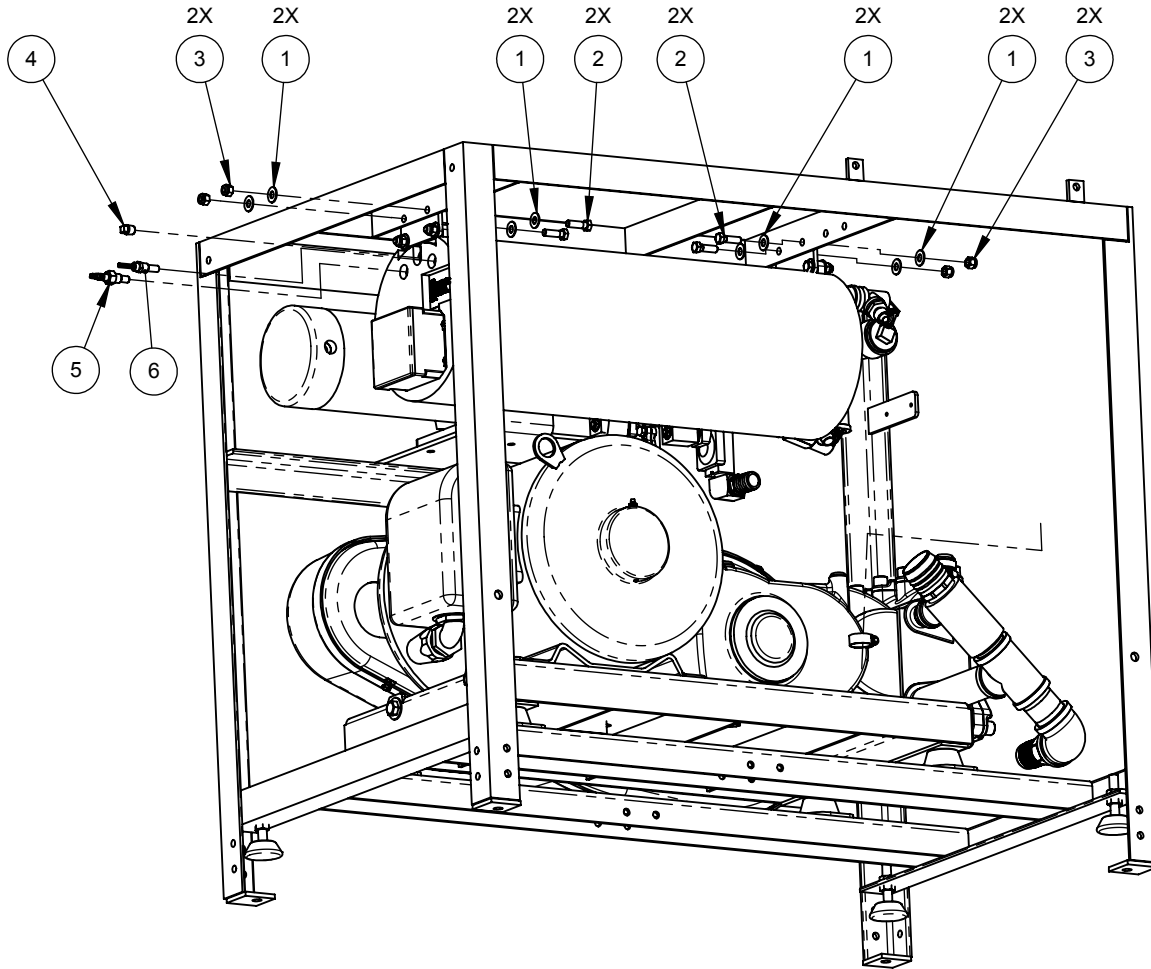
ITEM	PART #	DESCRIPTION
1	06141323	BRACKET,MOUNT,WATER-HEATER,SST,TF
2	67408-4B	ELBOW,3/4NPT,90DEG,SC40,BRS
3	68118-MHB	HOSE-BARB,1/2Hx3/4MNPT,BRS
4	68123-MHB	HOSE-BARB,3/4Hx3/4MNPT,BRS
5	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
6	70182-HCS	SCREW,3/8-16x1.50,HHCS,SST
7	67120-4S	TEE,3/4NPT,PIPE,SST
8	03010166	VALVE,PRESSURE-RELIEF,3/4NPT,150PSI,BR
9	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST
10	SEE TABLE	WATER HEATER

WATER HEATER ASSEMBLY



PICTORIAL PARTS CATALOG		
DESCRIPTION: WATER HEATER		
DWG. NO.	REV	SHEET
09130025	02	1 OF 4
		
VEHICLE WASH SYSTEMS		
PART OF OPW		DOVER COMPANY

ITEM	PART #	DESCRIPTION
1	05030067	WASHER,3/8,FLAT,7/8-OD, .050THK,SST
2	70181-HCS	SCREW,3/8-16x1.25,HHCS,SST
3	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
4	67603-B	PLUG,1/4NPT,SQ-HD,BRS
5	04420030	SENSOR,TEMP,0-212F,2-5VDC, .25MPT
6	04040021	SWITCH,TEMP,158F,1A,24VAC, .25MPT



WATER HEATER MOUNTING AND SENSORS

PICTORIAL PARTS CATALOG

DESCRIPTION:

WATER HEATER

DWG. NO.

09130025

REV

02

SHEET

2 OF 4



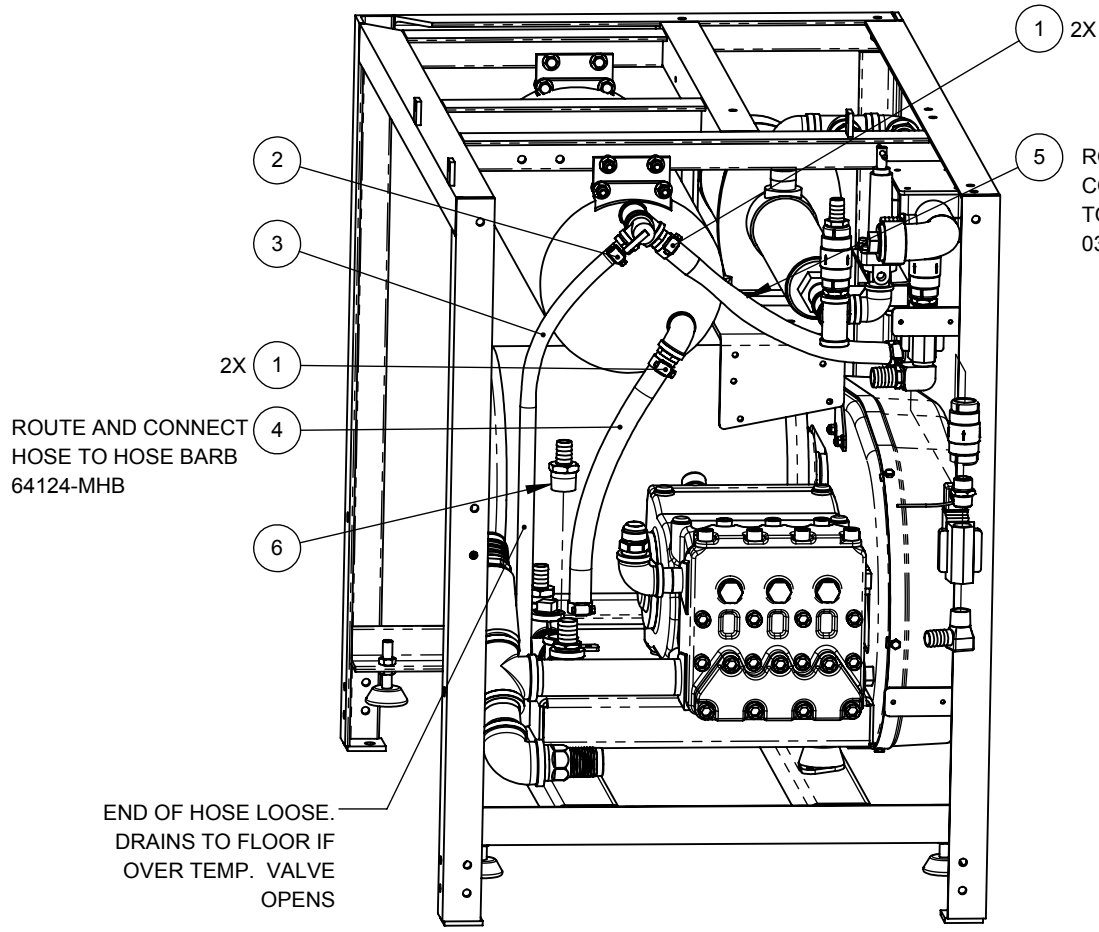
VEHICLE WASH SYSTEMS



PART OF OPW

DOVER COMPANY

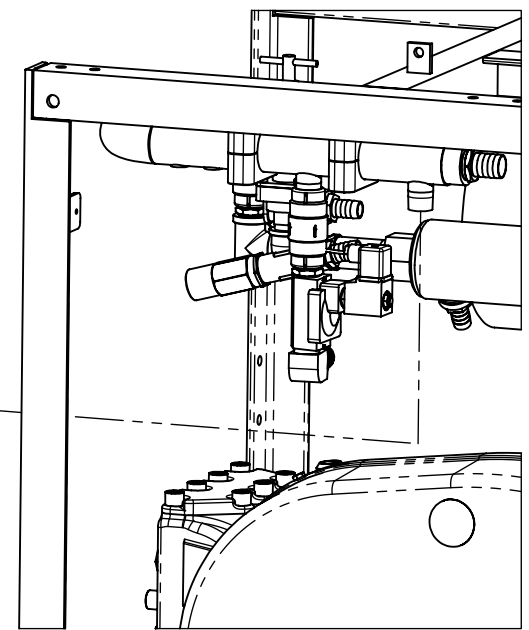
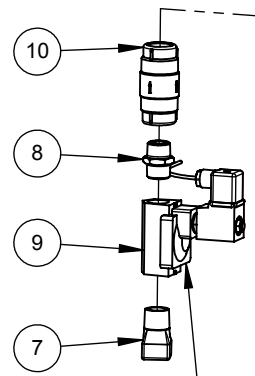
ITEM	PART #	DESCRIPTION
1	75103	CLAMP,HOSE,#12,.75H,SST
2	75101	CLAMP,HOSE,#6,.38-.50H,SST
3	61025	HOSE,.50,200PSI,BLACK,SYN-RBR,SYN-YRN
4	61030	HOSE,3/4,200,BLACK,SYN-RBR,SYN-YRN
5	61030	HOSE,3/4,200,BLACK,SYN-RBR,SYN-YRN
6	68124-MHB	HOSE-BARB,3/4Hx1MNPT,BRS
7	03310030	HOSE-BARB,3/4Hx3/4MNPT,90°,BRS
8	67060-4B	NIPPLE,HEX,3/4NPT,BRS
9	03010178	VALVE,3/4",BRASS,2-WAY,NC,232PSI,NAPLES
10	63119	VALVE,CHECK,3/4NPT,400PSI,0.5#,BRONZE



ROUTE AND CONNECT HOSE TO HOSE BARB 03310030

ROUTE AND CONNECT HOSE TO HOSE BARB 64124-MHB

END OF HOSE LOOSE. DRAINS TO FLOOR IF OVER TEMP. VALVE OPENS



WATER HEATER HOSE ROUTING AND CONTROL VALVE

SERIAL NO LPP0029 AND LOWER MAY USE THIS VALVE AS A REPLACEMENT BUT HARNESS 04080612 IS NOT USED WHEN REPLACING VALVE

PICTORIAL PARTS CATALOG

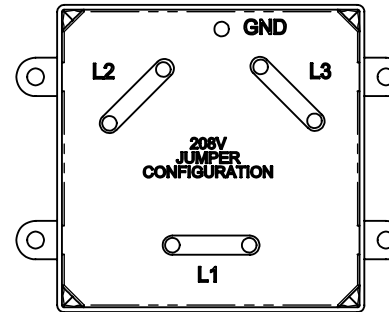
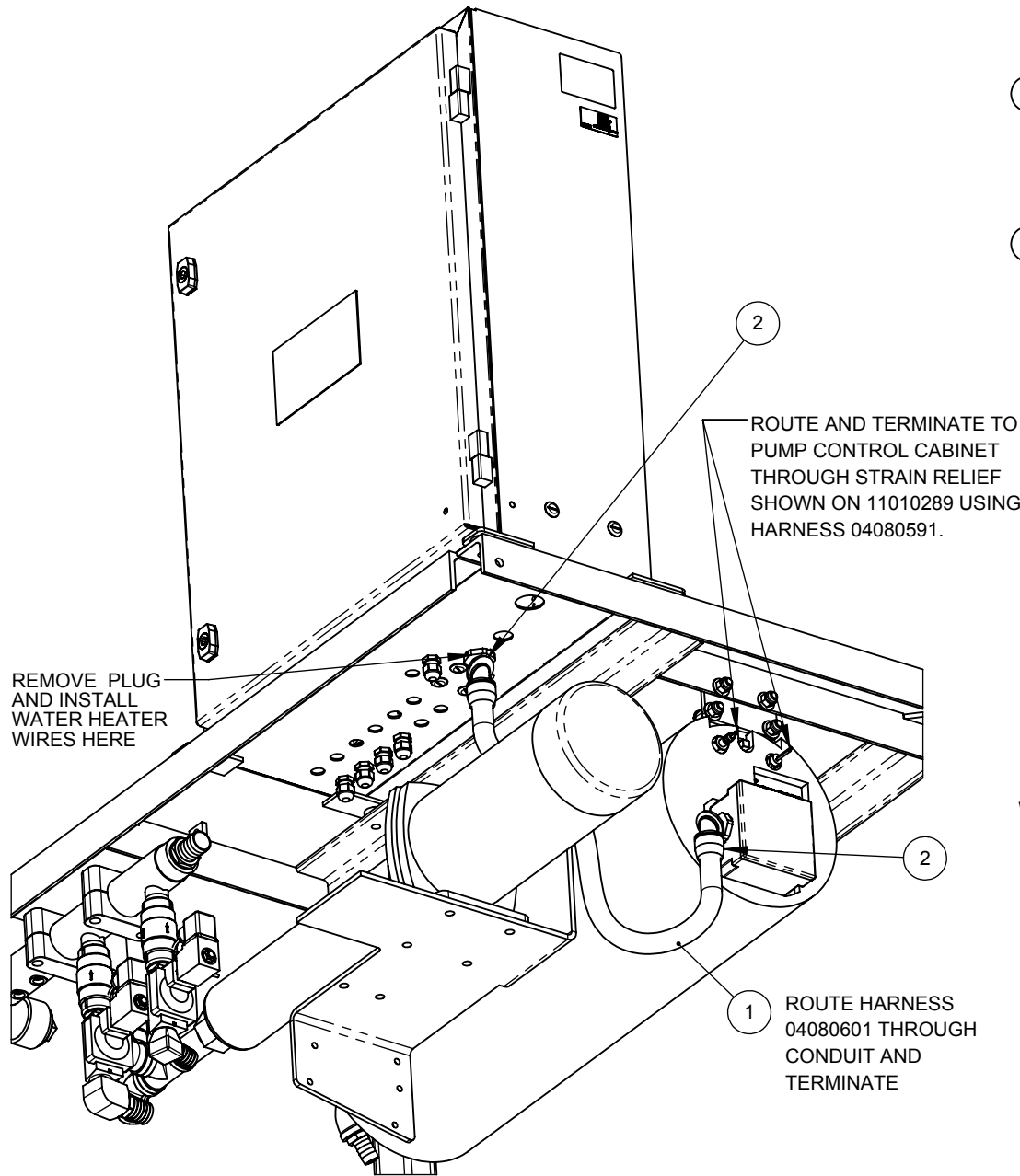
DESCRIPTION: **WATER HEATER**

DWG. NO.	REV	SHEET
09130025	02	3 OF 4

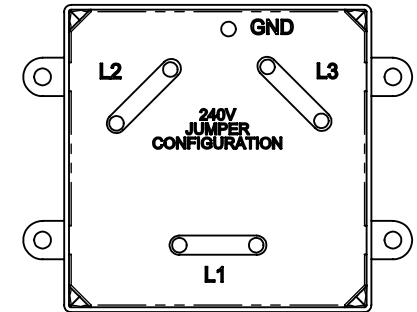
VEHICLE WASH SYSTEMS

PART OF OPW COMPANY

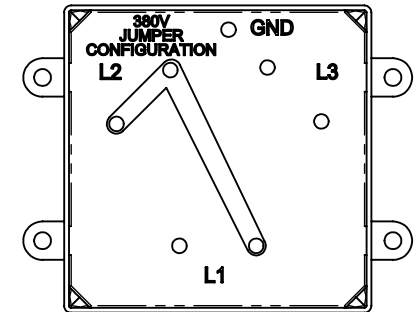
ITEM	PART #	DESCRIPTION
1	36005	CONDUIT,.5",NON-METALLIC,FLEXIBLE,300V
2	36084	CONNECTOR,CONDUIT,1/2,ADJUSTABLE,PVC



JUMPER CONFIGURATION FOR 208V WATER HEATER





JUMPER CONFIGURATION FOR 240V WATER HEATER

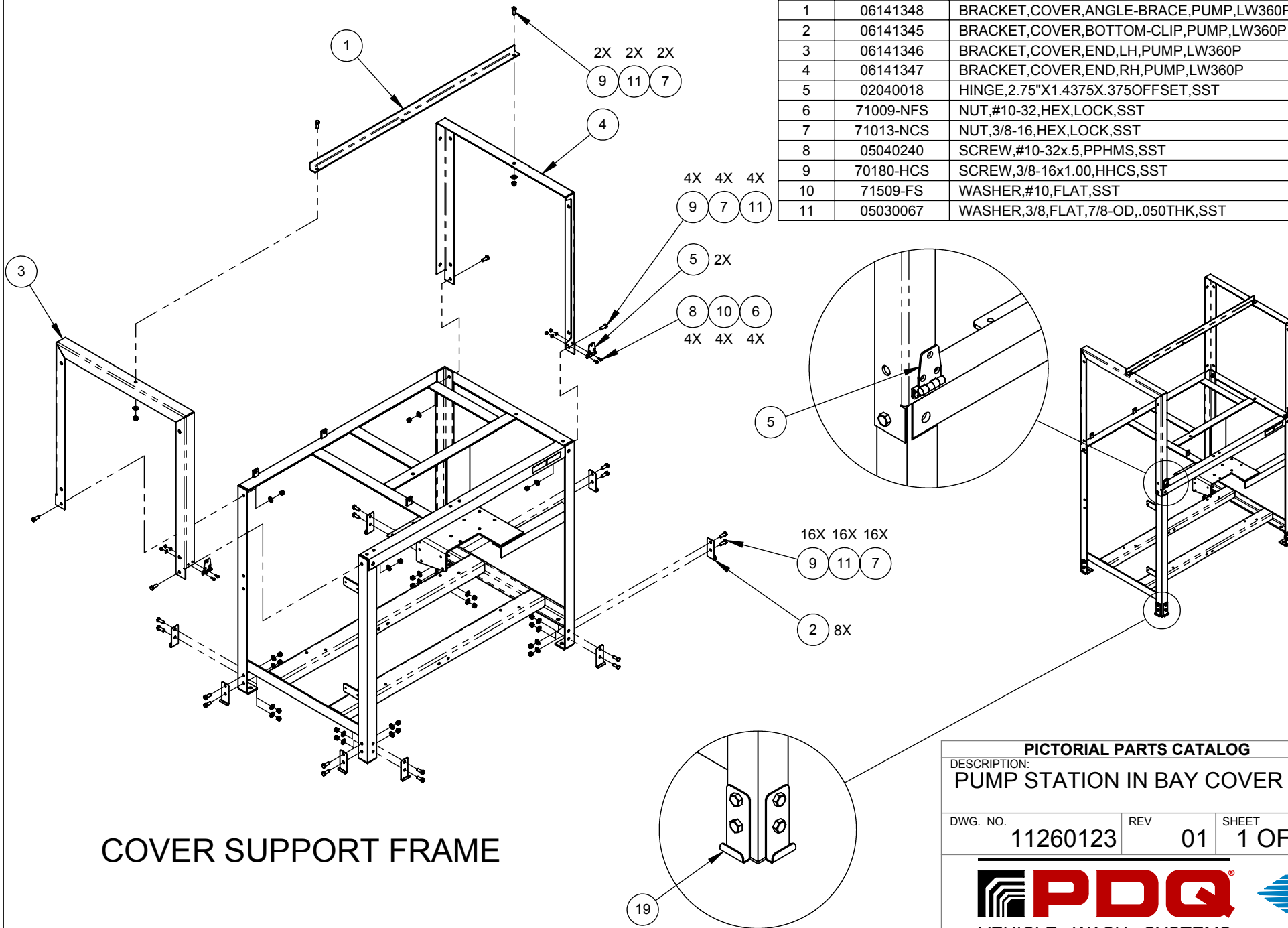


JUMPER CONFIGURATION FOR 380V WATER HEATER

WATER HEATER WIRING

PICTORIAL PARTS CATALOG			
DESCRIPTION: WATER HEATER			
DWG. NO.	REV	SHEET	
09130025	01	4 OF 4	
 			
VEHICLE WASH SYSTEMS <small>PART OF OPW ADOVER COMPANY</small>			

ITEM	PART #	DESCRIPTION
1	06141348	BRACKET,COVER,ANGLE-BRACE,PUMP,LW360P
2	06141345	BRACKET,COVER,BOTTOM-CLIP,PUMP,LW360P
3	06141346	BRACKET,COVER,END,LH,PUMP,LW360P
4	06141347	BRACKET,COVER,END,RH,PUMP,LW360P
5	02040018	HINGE,2.75"X1.4375X.375OFFSET,SST
6	71009-NFS	NUT,#10-32,HEX,LOCK,SST
7	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
8	05040240	SCREW,#10-32x.5,PPHMS,SST
9	70180-HCS	SCREW,3/8-16x1.00,HHCS,SST
10	71509-FS	WASHER,#10,FLAT,SST
11	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST





COVER SUPPORT FRAME


PICTORIAL PARTS CATALOG

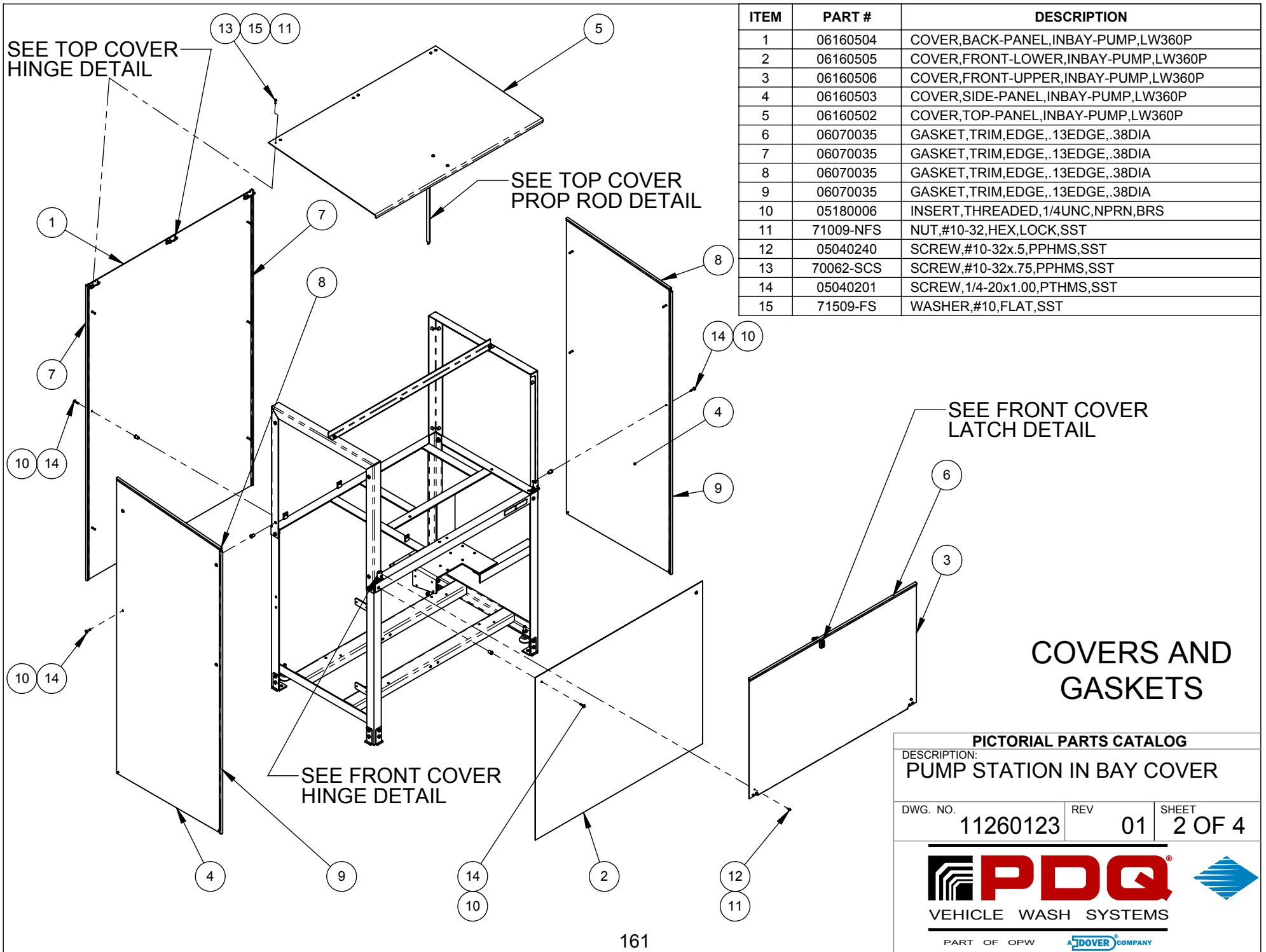
DESCRIPTION:
PUMP STATION IN BAY COVER

DWG. NO.	REV	SHEET
11260123	01	1 OF 4

VEHICLE WASH SYSTEMS

PART OF OPW  COMPANY



ITEM	PART #	DESCRIPTION
1	06160504	COVER, BACK-PANEL, INBAY-PUMP, LW360P
2	06160505	COVER, FRONT-LOWER, INBAY-PUMP, LW360P
3	06160506	COVER, FRONT-UPPER, INBAY-PUMP, LW360P
4	06160503	COVER, SIDE-PANEL, INBAY-PUMP, LW360P
5	06160502	COVER, TOP-PANEL, INBAY-PUMP, LW360P
6	06070035	GASKET, TRIM, EDGE, .13EDGE, .38DIA
7	06070035	GASKET, TRIM, EDGE, .13EDGE, .38DIA
8	06070035	GASKET, TRIM, EDGE, .13EDGE, .38DIA
9	06070035	GASKET, TRIM, EDGE, .13EDGE, .38DIA
10	05180006	INSERT, THREADED, 1/4UNC, NPRN, BRS
11	71009-NFS	NUT, #10-32, HEX, LOCK, SST
12	05040240	SCREW, #10-32x.5, PPHMS, SST
13	70062-SCS	SCREW, #10-32x.75, PPHMS, SST
14	05040201	SCREW, 1/4-20x1.00, PTHMS, SST
15	71509-FS	WASHER, #10, FLAT, SST

COVERS AND GASKETS

PICTORIAL PARTS CATALOG

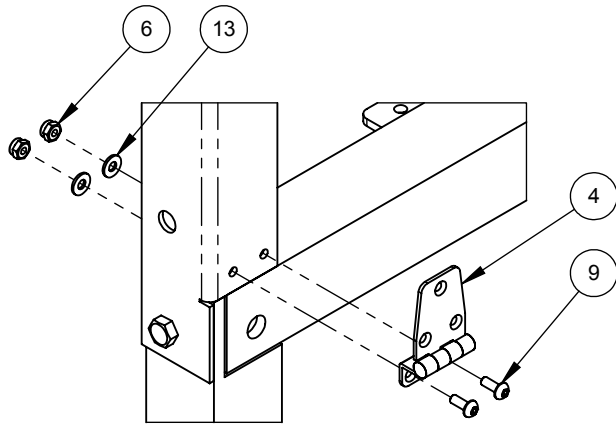
DESCRIPTION:
PUMP STATION IN BAY COVER

DWG. NO.	REV	SHEET
11260123	01	2 OF 4

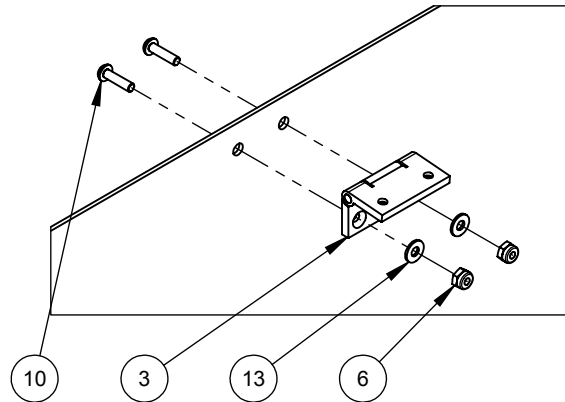


ITEM	PART #	DESCRIPTION
1	06190168	BAR,SUPPORT,IN-BAY,TOP-PUMP-COVER,LW360P
2	06141349	BRACKET,COVER,TOP-LATCH,PUMP,LW360P
3	02040017	HINGE,2"X2"X.187,SST
4	02040018	HINGE,2.75"X1.4375X.375OFFSET,SST
5	02050011	LATCH,CAM,SOUTHCO,E3-36-25
6	71009-NFS	NUT,#10-32,HEX,LOCK,SST
7	71011-NCS	NUT,1/4-20,HEX,LOCK,SST

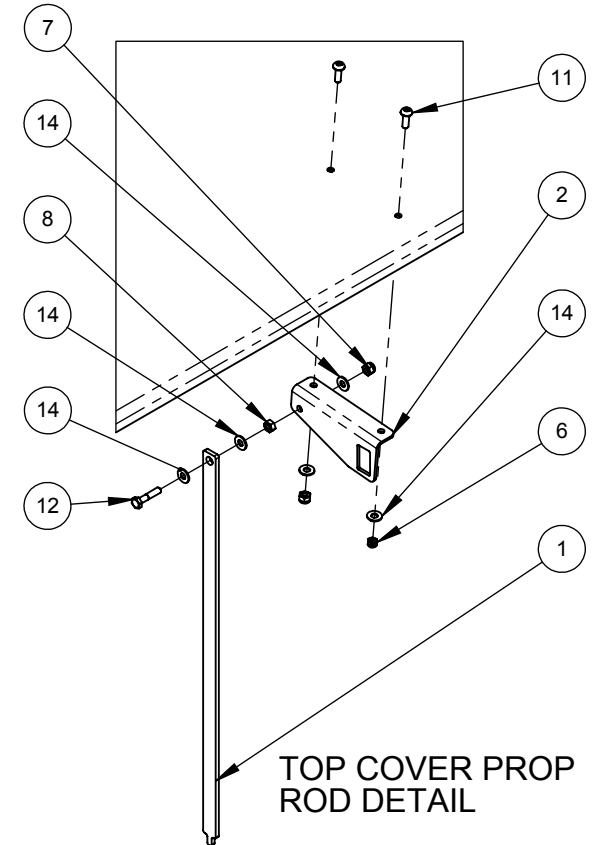
ITEM	PART #	DESCRIPTION
8	71011-HCS	NUT,1/4-20,HEX,SST
9	05040240	SCREW,#10-32x.5,PPHMS,SST
10	70062-SCS	SCREW,#10-32x.75,PPHMS,SST
11	70108-SCS	SCREW,1/4-20x.75,PPHMS,SST
12	70111-HCS	SCREW,1/4-20x1.25,HHCS,SST
13	71509-FS	WASHER,#10,FLAT,SST
14	71511-FS	WASHER,1/4,FLAT,SST



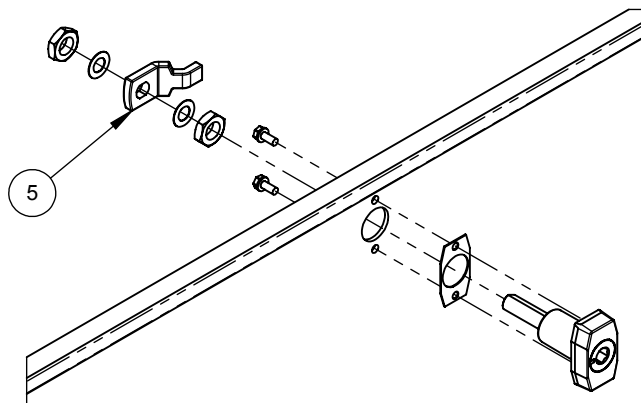
FRONT COVER HINGE DETAIL





TOP COVER HINGE DETAIL



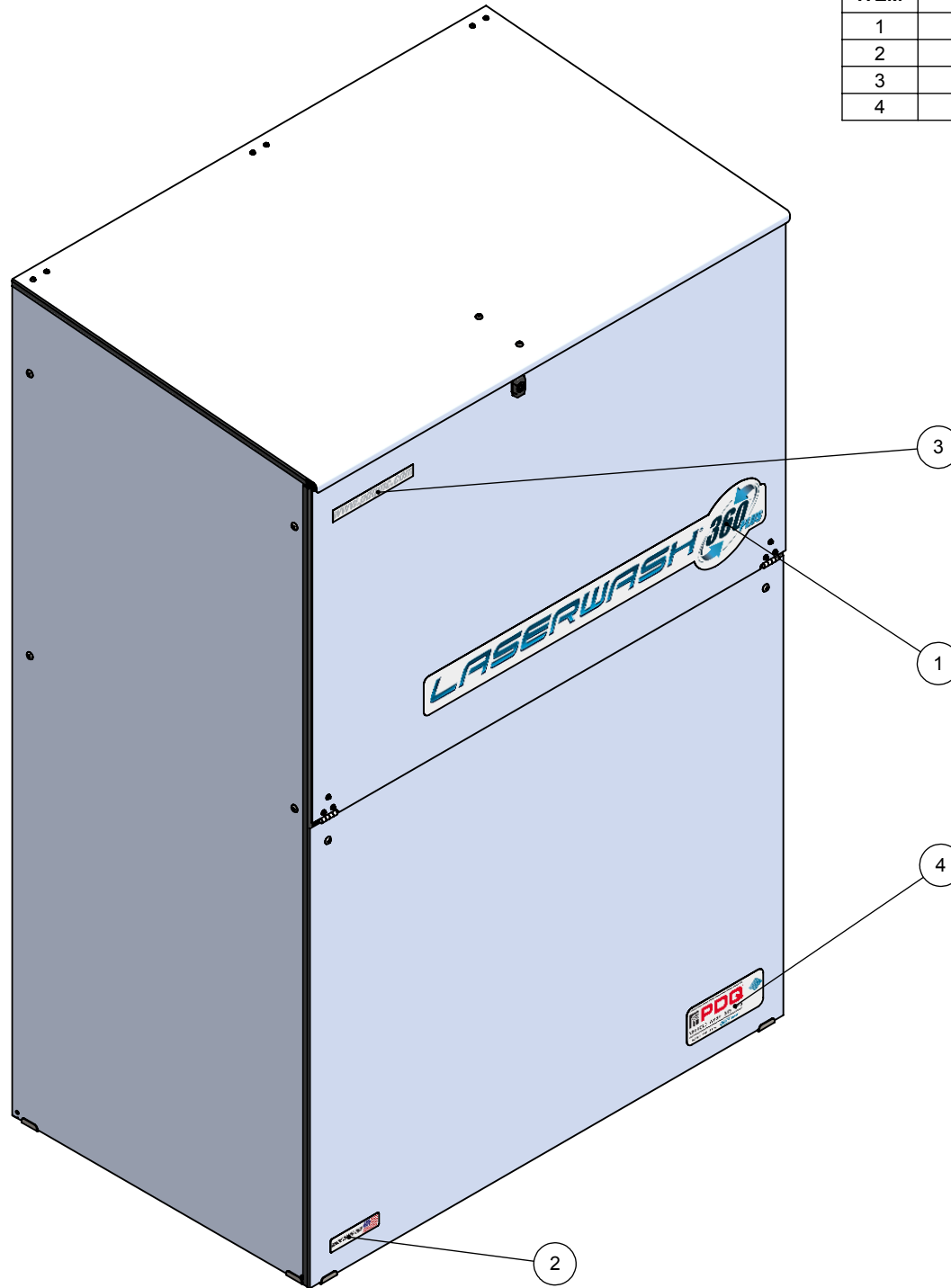
TOP COVER PROP ROD DETAIL





FRONT COVER LATCH DETAIL
ALL PARTS SHOWN ARE
INCLUDED WITH THE LATCH

PICTORIAL PARTS CATALOG		
DESCRIPTION: PUMP STATION IN BAY COVER		
DWG. NO. 11260123	REV 01	SHEET 3 OF 4
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW DOOVER COMPANY</small>		

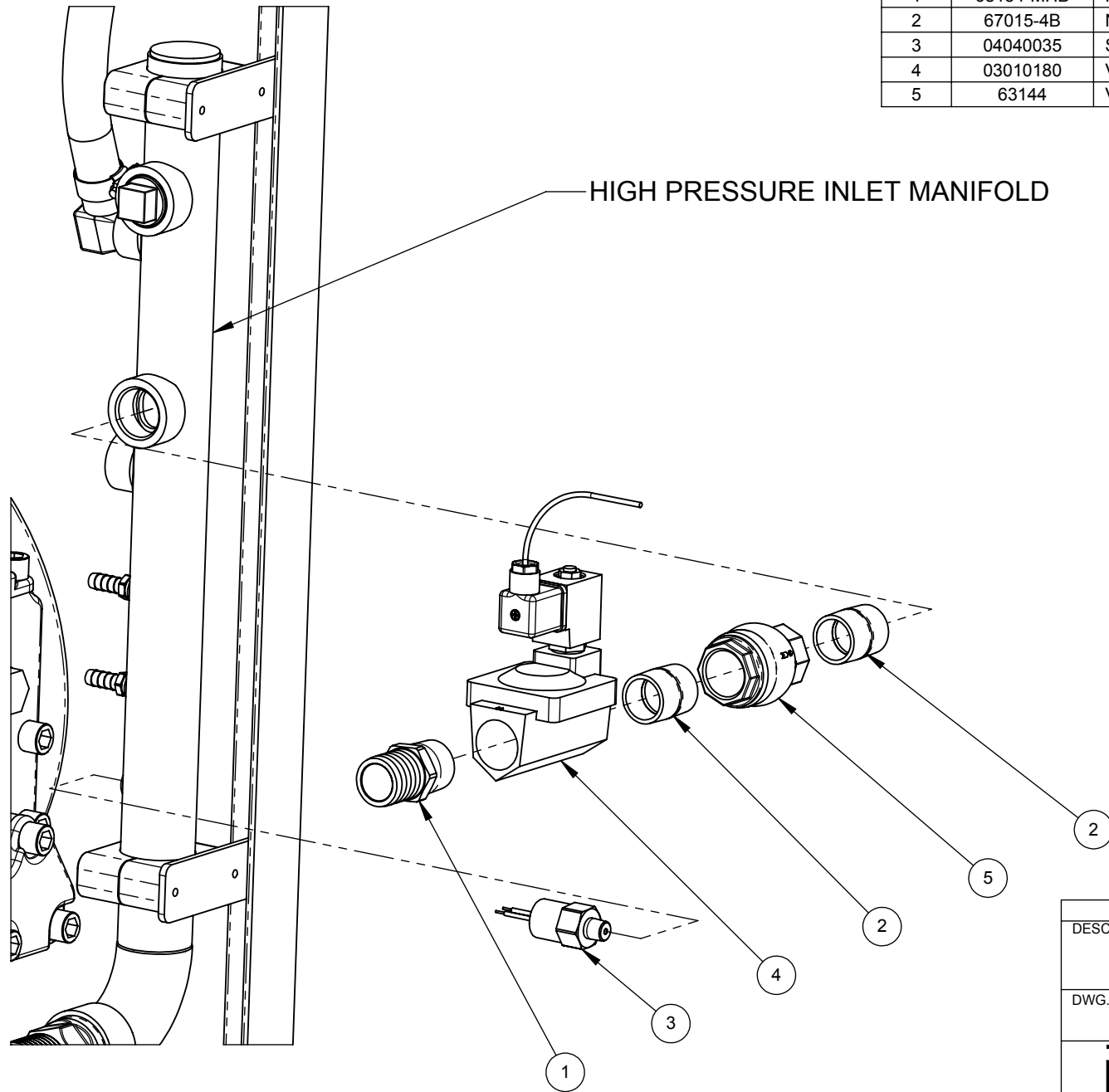
ITEM	PART #	DESCRIPTION
1	02030724	DECAL,COVER,INBAY-PUMP,LW360P
2	02030429	DECAL,COVER,MADE-IN-USA
3	02030387	DECAL,COVER,WEB,SOL-PANEL,ICON
4	02030393	DECAL,PDQ-LOGO,7-1/2 x 3-1/8



COVER DECALS

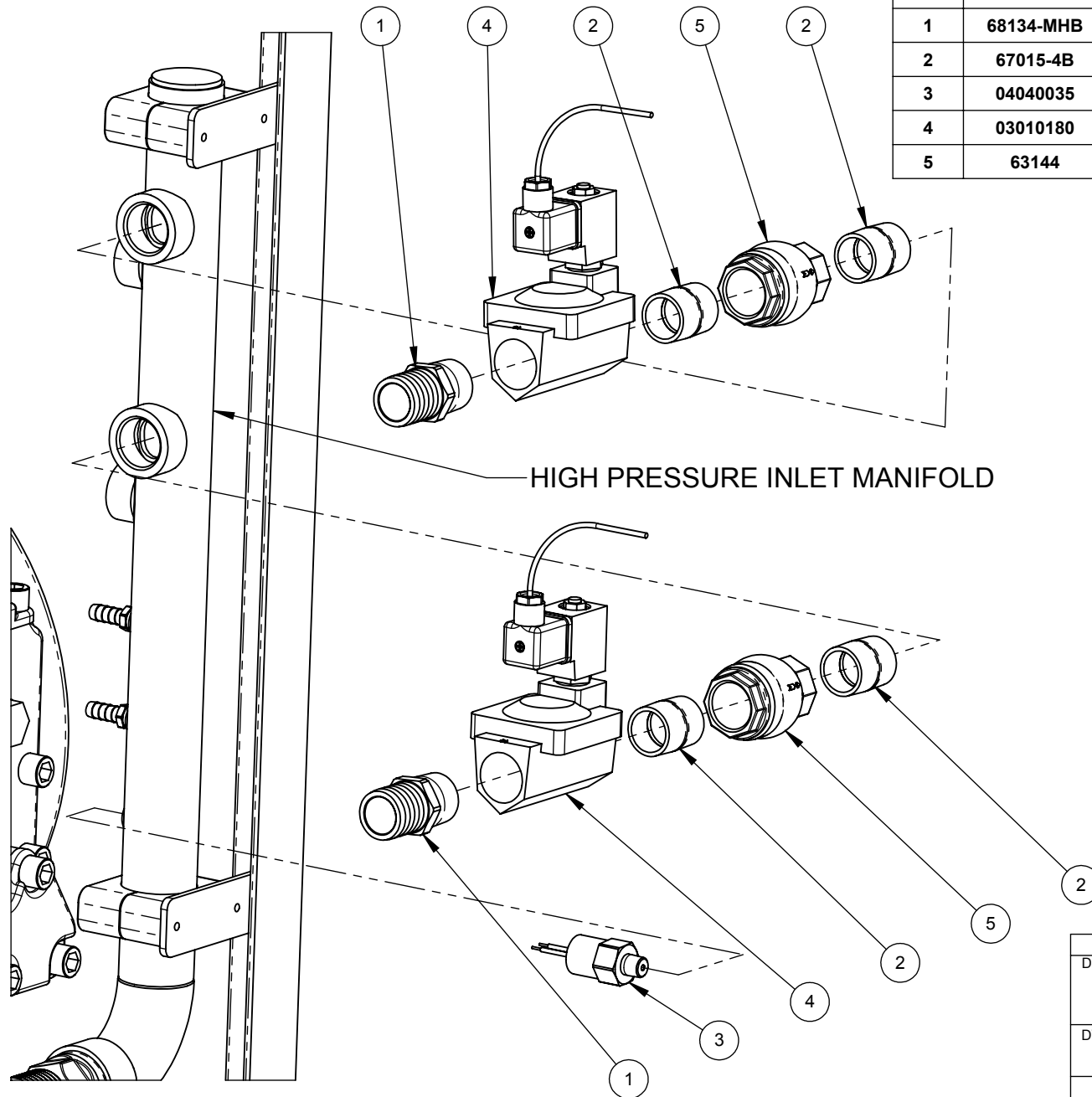
PICTORIAL PARTS CATALOG		
DESCRIPTION: PUMP STATION IN BAY COVER		
DWG. NO. 11260123	REV 01	SHEET 4 OF 4
		
VEHICLE WASH SYSTEMS		
PART OF OPW		ADOVER COMPANY




ITEM	PART #	DESCRIPTION
1	68134-MHB	HOSE-BARB,1-1/4Hx1MNPT,BRS
2	67015-4B	NIPPLE,1NPTxCLOSE,SC40,BRS
3	04040035	SWITCH,PRESSURE,2PSI,NO,1/4MNPT,48"LEADS
4	03010180	VALVE,1",BRASS,2-WAY,NC,232PSI
5	63144	VALVE,CHECK,1FNPT,150PSI,BRS



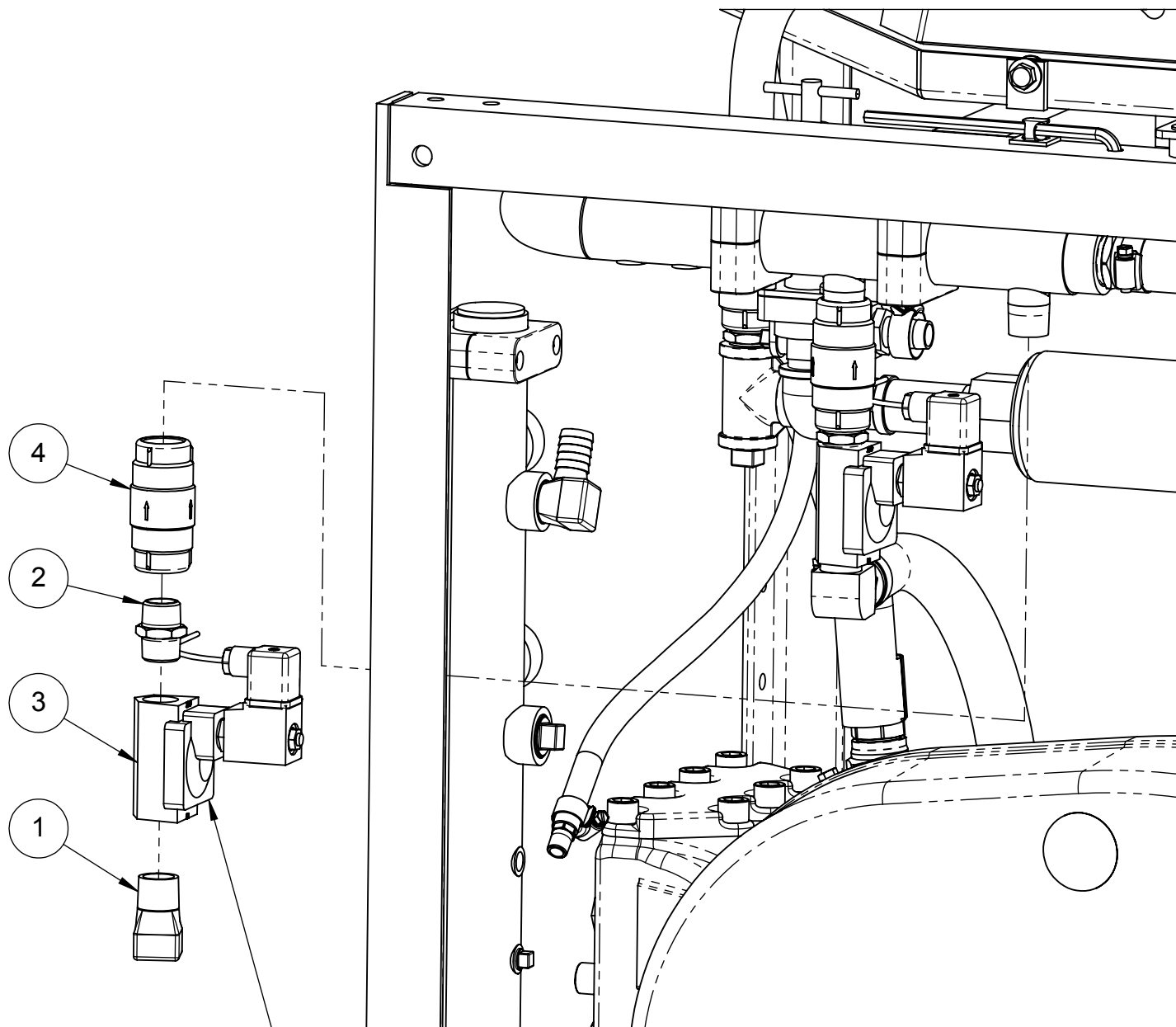
PICTORIAL PARTS CATALOG		
DESCRIPTION: MANIFOLD HP-PUMP SINGLE PRESSURE FEED		
DWG. NO. 09170140	REV 01	SHEET 1 OF 1
VEHICLE WASH SYSTEMS		
PART OF OPW		

ITEM	PART #	DESCRIPTION
1	68134-MHB	HOSE-BARB,1-1/4Hx1MNPT,BRS
2	67015-4B	NIPPLE,1NPTxCLOSE,SC40,BRS
3	04040035	SWITCH,PRESSURE,2PSI,NO,1/4MNPT,48"LEADS
4	03010180	VALVE,1",BRASS,2-WAY,NC,232PSI
5	63144	VALVE,CHECK,1FNPT,150PSI,BRS



PICTORIAL PARTS CATALOG		
DESCRIPTION: MANIFOLD HP-PUMP DUAL PRESSURE FEEDS		
DWG. NO.	REV	SHEET
09170141	01	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

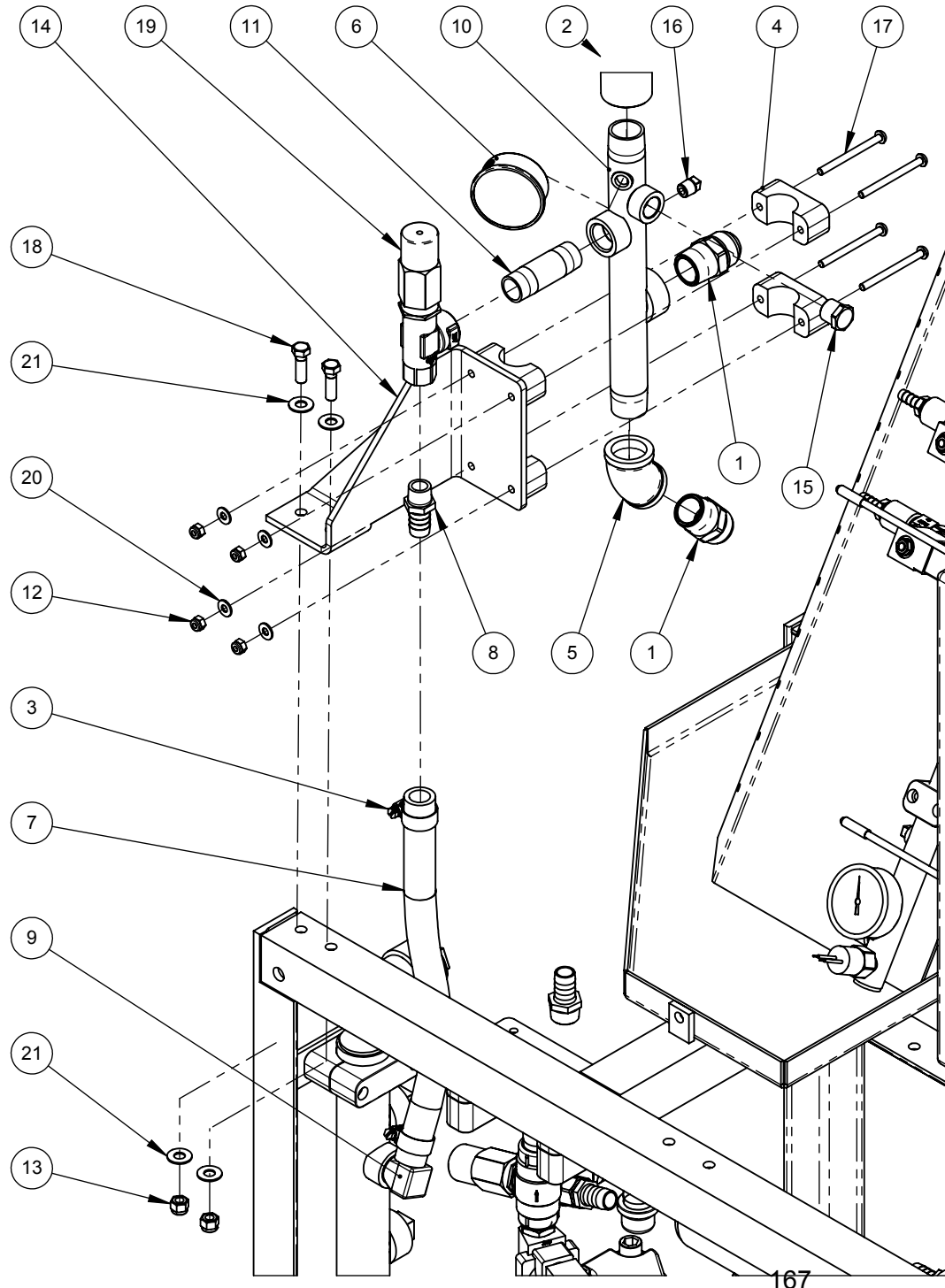
ITEM	PART #	DESCRIPTION
1	03310030	HOSE-BARB,3/4Hx3/4MNPT,90°,BRS
2	67060-4B	NIPPLE,HEX,3/4NPT,BRS
3	03010178	VALVE,3/4",BRASS,2-WAY,NC,232PSI,NAPLES
4	63119	VALVE,CHECK,3/4NPT,400PSI,0.5#,BRONZE






SERIAL NO LPP0029 AND LOWER MAY USE THIS VALVE AS A REPLACEMENT BUT HARNESS 04080612 IS NOT USED WHEN REPLACING VALVE

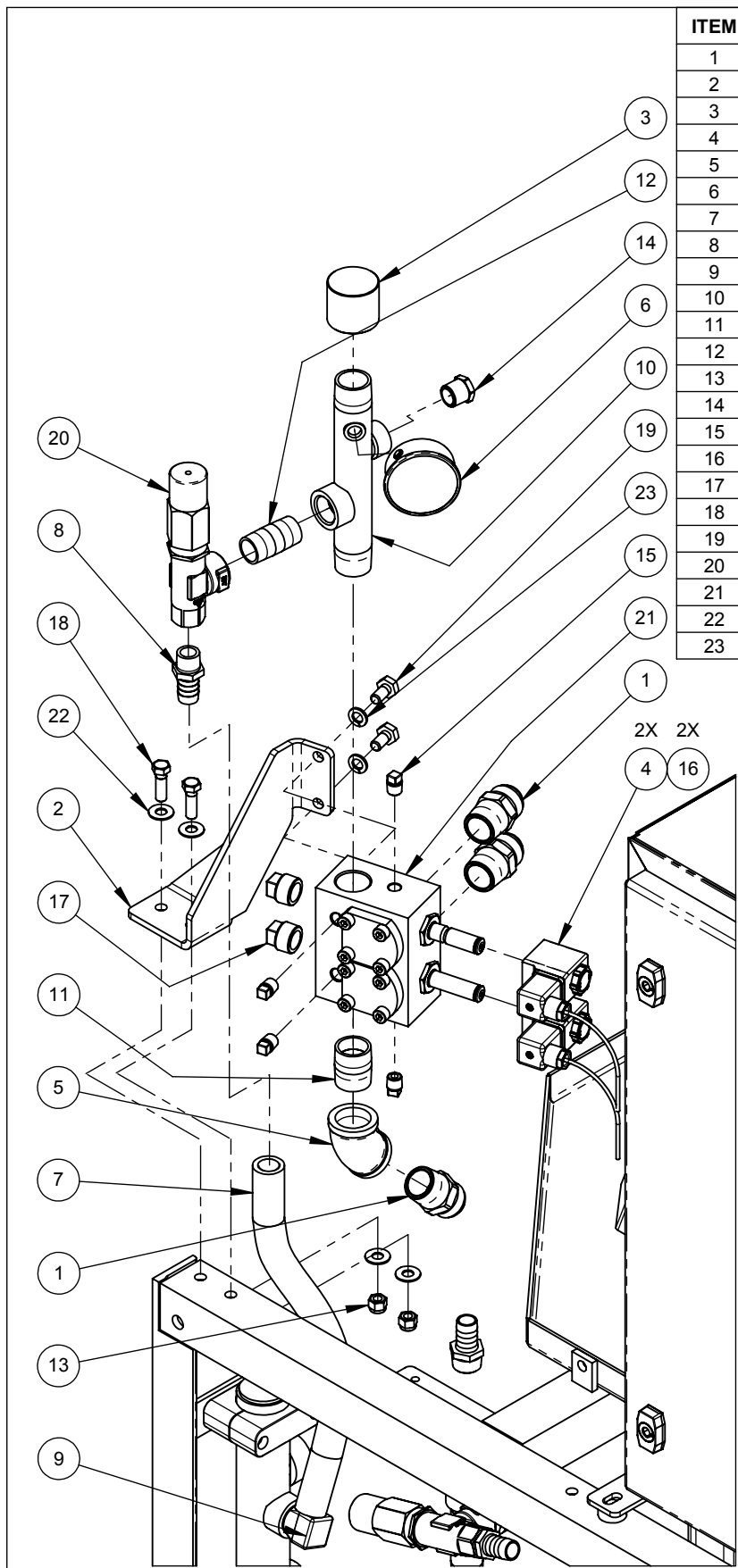
PICTORIAL PARTS CATALOG		
DESCRIPTION: LOW PRESSURE PUMP SECOND PRESSURE FEED		
DWG. NO.	REV	SHEET
09170164	01	1 OF 1





ITEM	PART #	DESCRIPTION
1	03140044	ADAPTER,#16-MJICx1MPT,Z-PLT
2	03100021	CAP,1NPT,HP,3000PSI,SST
3	75103	CLAMP,HOSE,#12,.75H,SST
4	75025	CLAMP,PIPE,1.00,PP,STANDARD
5	03040045	ELBOW,1NPT,45DEG,SC40,SST
6	25111	GAUGE,PRES,0-2000PSI,1/4MPT,CBM,LIC,2.5"
7	61030	HOSE,3/4,200,BLACK,SYN-RBR,SYN-YRN
8	68122-MHB	HOSE-BARB,3/4Hx1/2MNPT,BRS
9	03310030	HOSE-BARB,3/4Hx3/4MNPT,90°,BRS
10	03220316	MANIFOLD,HP-OUTLET,SST,NO-UB,TF
11	67014-D4S	NIPPLE,3/4NPTx3.00,SC40,SST
12	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
13	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
14	06141321	PLATE,MOUNT,HP-OUTLET,SST
15	67653-S	PLUG,1/2NPT,HEX-HD,SST
16	67603-B	PLUG,1/4NPT,SQ-HD,BRS
17	70118-SCS	SCREW,1/4-20x3.00,PRHMS,SST
18	70181-HCS	SCREW,3/8-16x1.25,HHCS,SST
19	63188	VALVE,BAL-RLF,3/4FPT,53.5GPM,2560PSI,BR
20	71511-FS	WASHER,1/4,FLAT,SST
21	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST

PICTORIAL PARTS CATALOG		
DESCRIPTION: MANIFOLD, HP-PUMP, NO-UNDERBODY		
DWG. NO.	REV	SHEET
11250293	01	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW</small>  <small>COMPANY</small>		



ITEM	PART #	DESCRIPTION
1	03140044	ADAPTER,#16-MJICx1MPT,Z-PLT
2	06141320	BRACKET,MOUNT,HP-OUTLET,SST,W/UB,TF
3	03100021	CAP,1NPT,HP,3000PSI,SST
4	63040	COIL,SOL,24VAC,60HZ,9W,DANFOSS
5	03040045	ELBOW,1NPT,45DEG,SC40,SST
6	25111	GAUGE,PRES,0-2000PSI,1/4MPT,CBM,LIC,2.5"
7	61030	HOSE,3/4,200,BLACK,SYN-RBR,SYN-YRN
8	68122-MHB	HOSE-BARB,3/4Hx1/2MNPT,BRS
9	03310030	HOSE-BARB,3/4Hx3/4MNPT,90°,BRS
10	03220313	MANIFOLD,HP-OUTLET,SST,TOUCHFREE
11	67015-4S	NIPPLE,1NPTxCLOSE,SC40,SST
12	67014-B4S	NIPPLE,3/4NPTx2.00,SC40,SST
13	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
14	67653-S	PLUG,1/2NPT,HEX-HD,SST
15	67603-B	PLUG,1/4NPT,SQ-HD,BRS
16	63042	PLUG,18mm,DIN,PLSTC
17	67604-B	PLUG,3/4NPT,SQ-HD,BRS
18	70181-HCS	SCREW,3/8-16x1.25,HHCS,SST
19	05040021	SCREW,M10x20mm,HHCS,SST
20	63188	VALVE,BAL-RLF,3/4FPT,53.5GPM,2560PSI,BR
21	03010146	VALVE,HIGH-PRESSURE,NO/NC,1",SST
22	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST
23	05030010	WASHER,M10,LOCK,SPLIT,SST

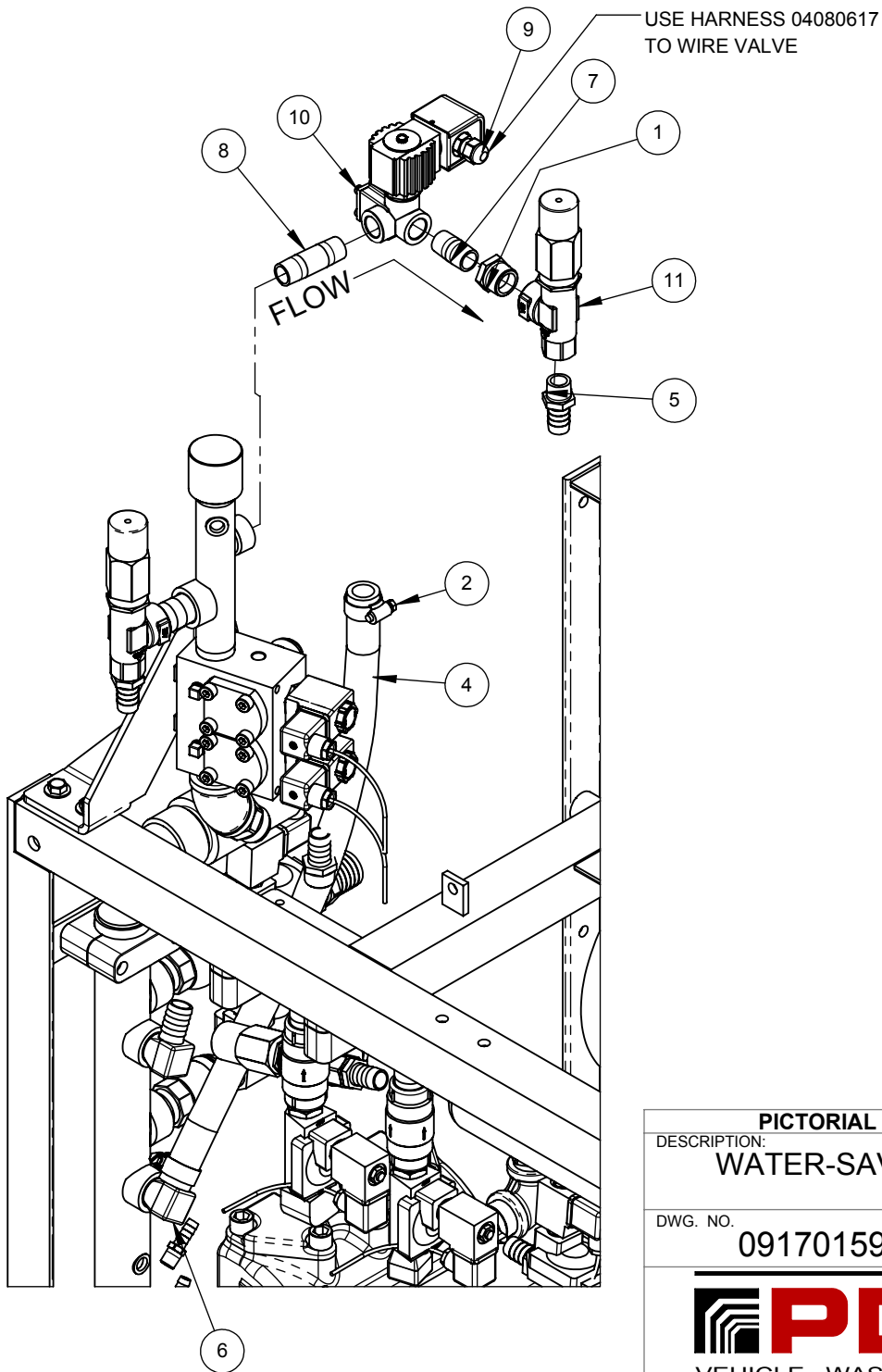
2X 2X
4 16

PICTORIAL PARTS CATALOG		
DESCRIPTION: PUMP STATION HIGH PRESSURE MANIFOLD WITH UNDERBODY		
DWG. NO. 11250281	REV 01	SHEET 1 OF 1



ITEM	PART #	DESCRIPTION
1	67709-B	BUSHING,3/4NPTx1/2NPT,BRS
2	75103	CLAMP,HOSE,#12,.75H,SST
3	63300	COIL,JUNCTION-BOX,24VAC,50/60HZ
4	61030	HOSE,3/4,200,BLACK,SYN-RBR,SYN-YRN
5	68122-MHB	HOSE-BARB,3/4Hx1/2MNPT,BRS
6	03310030	HOSE-BARB,3/4Hx3/4MNPT,90°,BRS
7	67013-A4S	NIPPLE,1/2NPTx1.50,SC40,SST
8	67013-C4S	NIPPLE,1/2NPTx2.50,SC40,SST
9	04450024	STRAIN-RELIEF,.138-.315",W/LOCKNUT,NYLON
10	63307	VALVE,2WAY-NC,1/2FPT,1200PSI,NO-COIL
11	63188	VALVE,BAL-RLF,3/4FPT,53.5GPM,2560PSI,BR

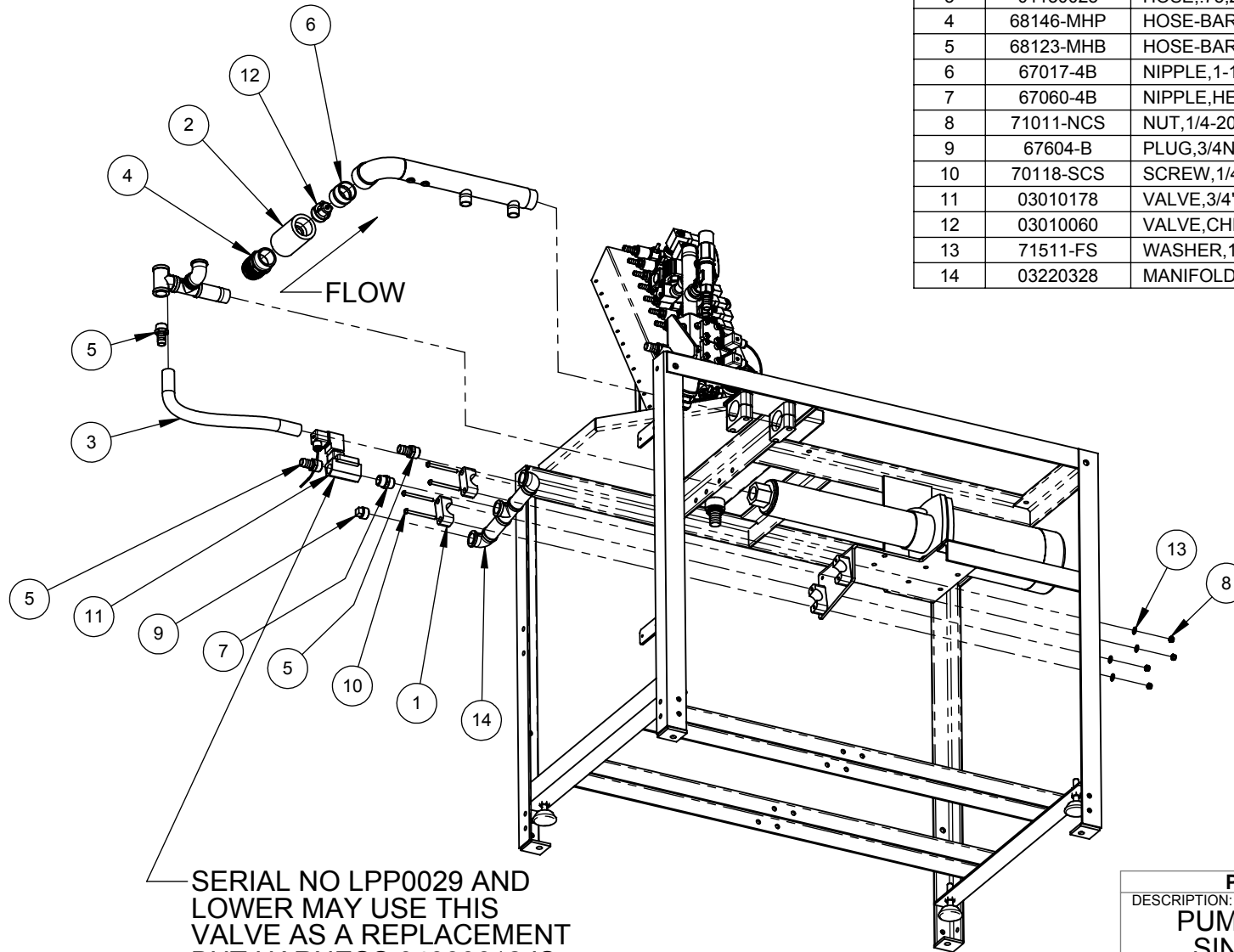
HARNES 04080617 NOT SHOWN



PICTORIAL PARTS CATALOG		
DESCRIPTION: WATER-SAVER MANIFOLD		
DWG. NO. 09170159	REV 01	SHEET 1 OF 1



ITEM	PART #	DESCRIPTION
1	75025	CLAMP,PIPE,1.00,PP,STANDARD
2	03070053	COUPLING,1-1/2NPTx4",W/CHKSEAT,PVC
3	01130025	HOSE,.75,250,BLACK,SYN-RBR,SYN-YRN
4	68146-MHP	HOSE-BARB,2Hx1-1/2MPT,PVC
5	68123-MHB	HOSE-BARB,3/4Hx3/4MNPT,BRS
6	67017-4B	NIPPLE,1-1/2NPTxCLOSE,SC40,BRS
7	67060-4B	NIPPLE,HEX,3/4NPT,BRS
8	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
9	67604-B	PLUG,3/4NPT,SQ-HD,BRS
10	70118-SCS	SCREW,1/4-20x3.00,PRHMS,SST
11	03010178	VALVE,3/4",BRASS,2-WAY,NC,232PSI,NAPLES
12	03010060	VALVE,CHECK,1-1/2",CRTG-STYLE,PLSTC/EPDM
13	71511-FS	WASHER,1/4,FLAT,SST
14	03220328	MANIFOLD,WELD-FTG,SPOT-FREE,SST,TF





SERIAL NO LPP0029 AND LOWER MAY USE THIS VALVE AS A REPLACEMENT BUT HARNESS 04080612 IS NOT USED WHEN REPLACING VALVE


PICTORIAL PARTS CATALOG

DESCRIPTION:
PUMP STATION SPOT FREE SINGLE PUMP MANIFOLD

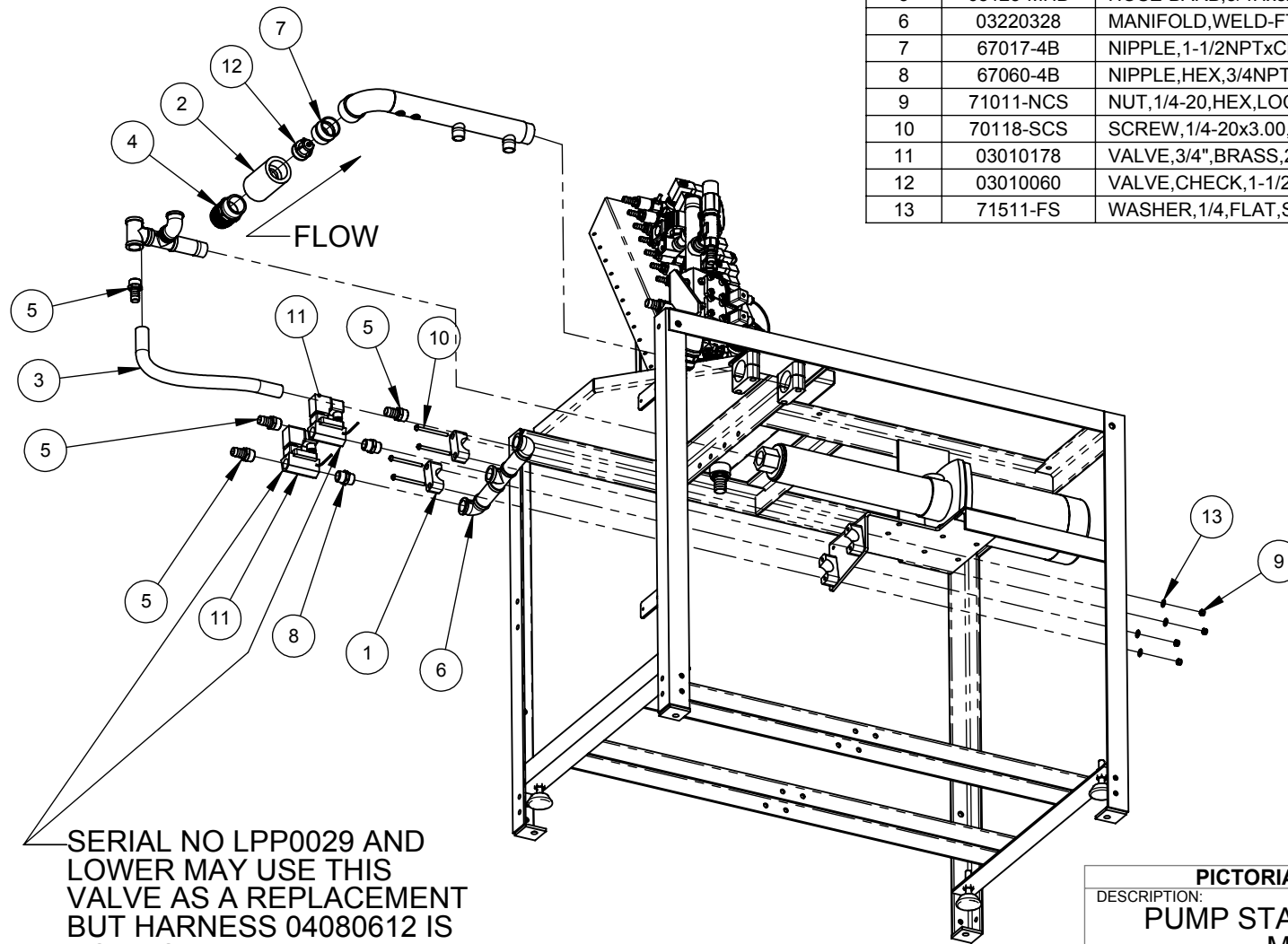
DWG. NO.	REV	SHEET
11250279	02	1 OF 1




VEHICLE WASH SYSTEMS

PART OF OPW  COMPANY

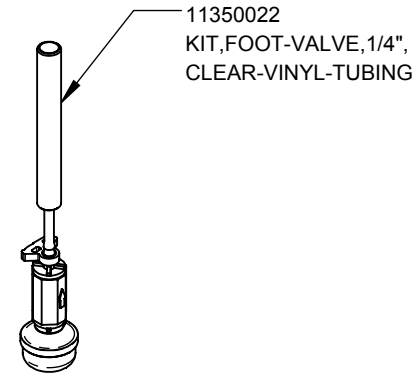
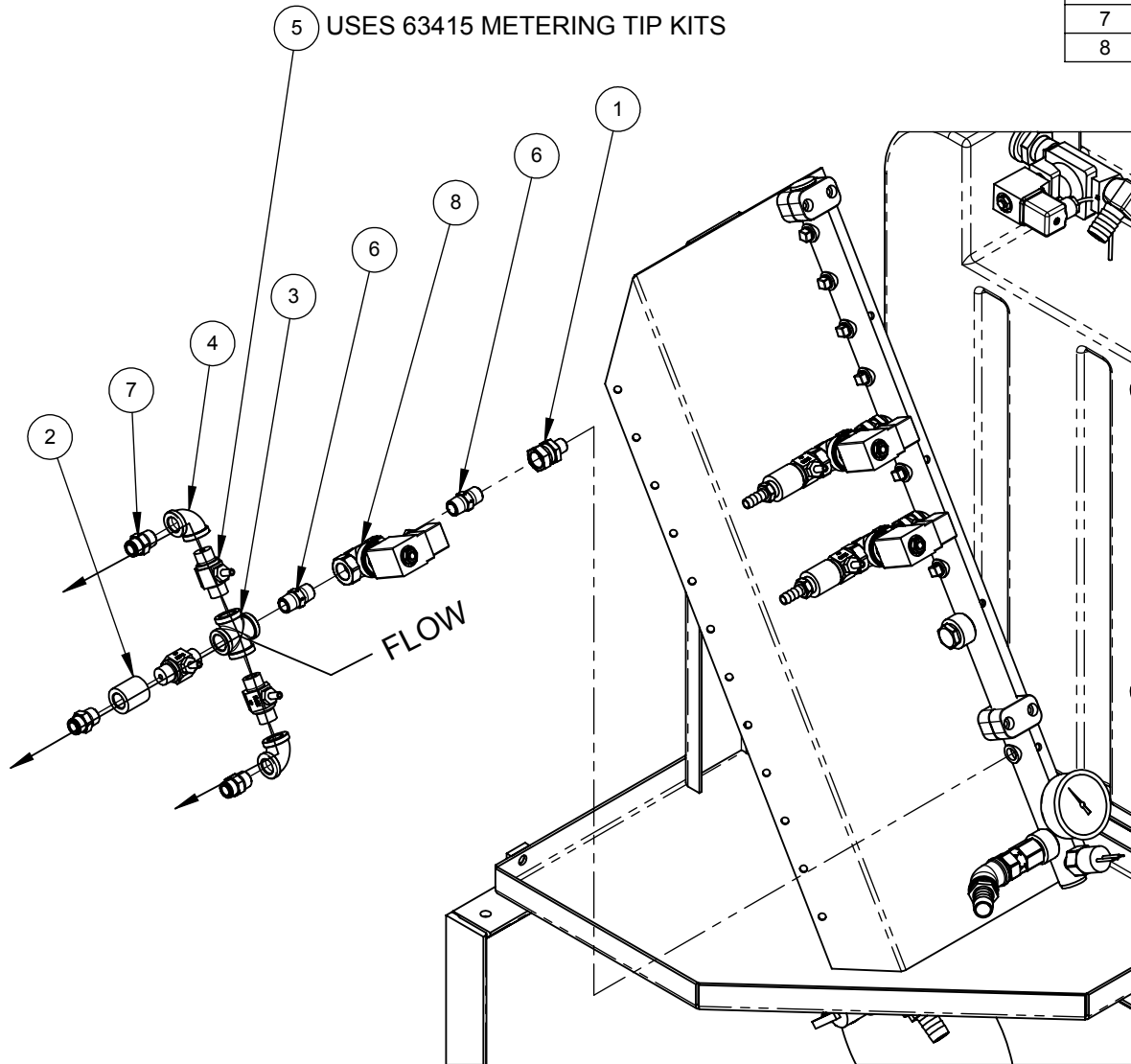
ITEM	PART #	DESCRIPTION
1	75025	CLAMP,PIPE,1.00,PP,STANDARD
2	03070053	COUPLING,1-1/2NPTx4",W/CHKSEAT,PVC
3	01130025	HOSE,.75,250,BLACK,SYN-RBR,SYN-YRN
4	68146-MHP	HOSE-BARB,2Hx1-1/2MPT,PVC
5	68123-MHB	HOSE-BARB,3/4Hx3/4MNPT,BRS
6	03220328	MANIFOLD,WELD-FTG,SPOT-FREE,SST,TF
7	67017-4B	NIPPLE,1-1/2NPTxCLOSE,SC40,BRS
8	67060-4B	NIPPLE,HEX,3/4NPT,BRS
9	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
10	70118-SCS	SCREW,1/4-20x3.00,PRHMS,SST
11	03010178	VALVE,3/4",BRASS,2-WAY,NC,232PSI
12	03010060	VALVE,CHECK,1-1/2",CRTG-STYLE,PLSTC/EPDM
13	71511-FS	WASHER,1/4,FLAT,SST






SERIAL NO LPP0029 AND LOWER MAY USE THIS VALVE AS A REPLACEMENT BUT HARNESS 04080612 IS NOT USED WHEN REPLACING VALVE

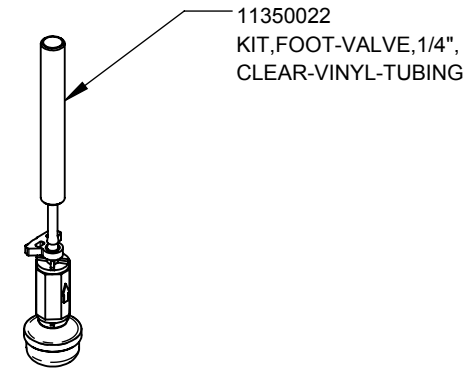
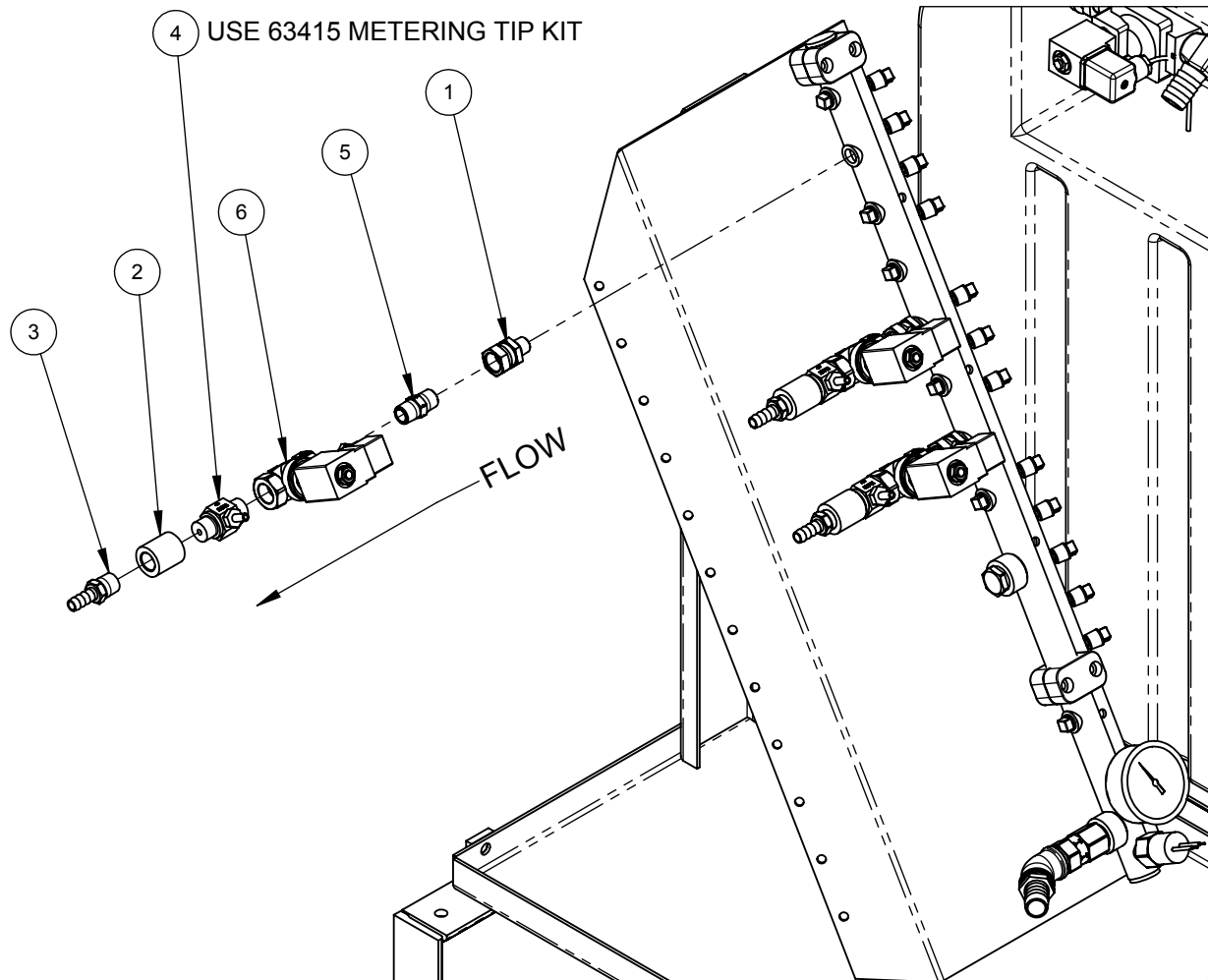
PICTORIAL PARTS CATALOG		
DESCRIPTION: PUMP STATION SPOT FREE MANIFOLD		
DWG. NO.	REV	SHEET
11250280	02	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	44553-S	ADAPTER,3/8FNPT-SWIVELx1/4MNPT,SST
2	67794-4S	COUPLING,3/8NPT,SST
3	68410-4B	CROSS,3/8NPT,SC40,BRS
4	67404-4B	ELBOW,3/8NPT,90DEG,SC40,BRS
5	03150025	INJECTOR,.057,SST,GENERAL-PUMP
6	67055-4B	NIPPLE,HEX,3/8NPT,BRS
7	24038-PB	TUBE-FTG,CONN,3/8Tx3/8NPT,PUSH,BRS
8	03010192	VALVE,3/8,SST,2-WAY,NC,232PSI



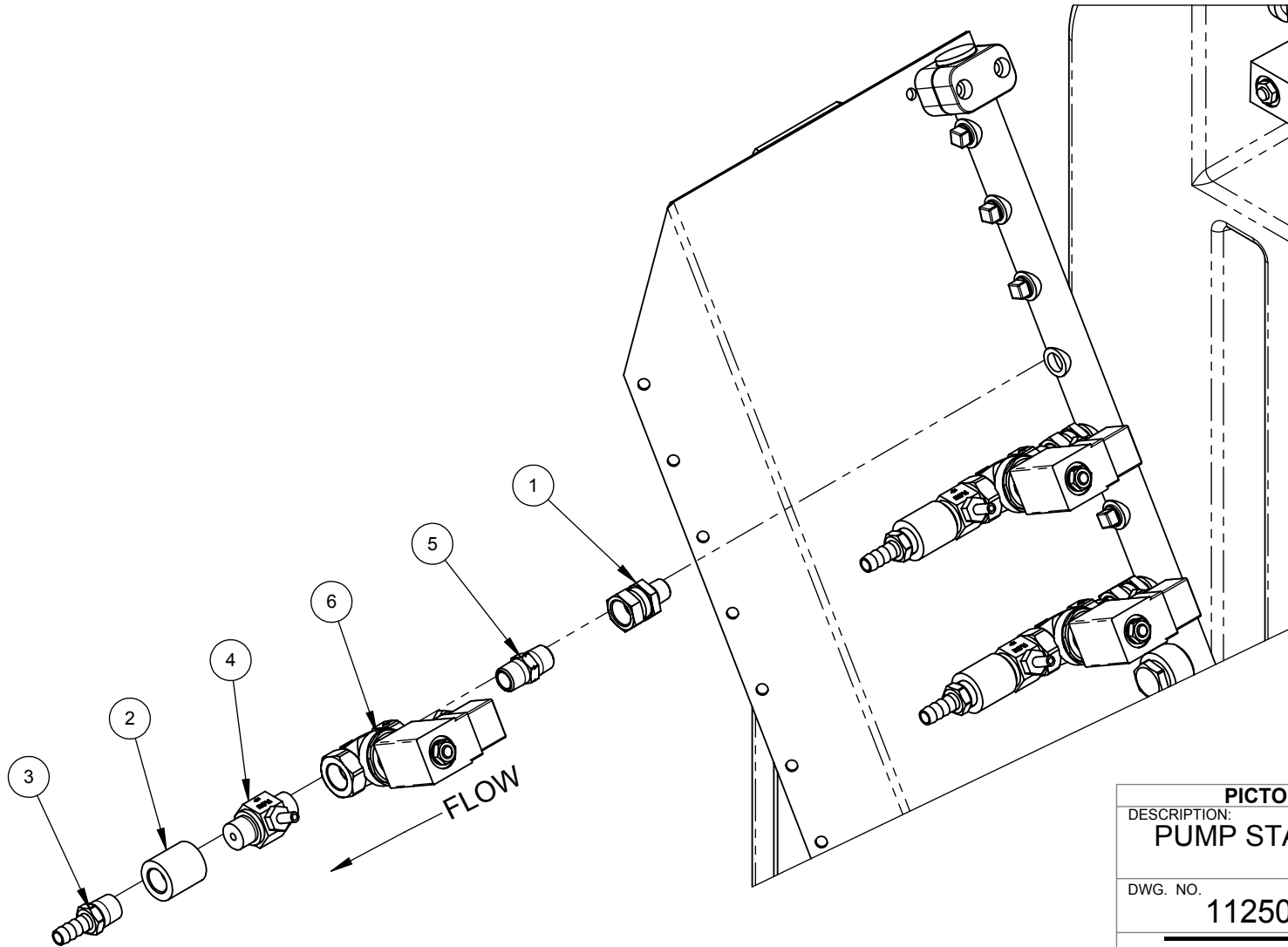
PICTORIAL PARTS CATALOG		
DESCRIPTION: PUMP STATION 3X-FOAM MANIFOLD		
DWG. NO.	REV	SHEET
11250274	00	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		




ITEM	PART #	DESCRIPTION
1	44553-S	ADAPTER,3/8FNPT-SWIVELx1/4MNPT,SST
2	67794-4S	COUPLING,3/8NPT,SST
3	68112-MHB	HOSE-BARB,3/8Hx3/8MNPT,BRS
4	03150028	INJECTOR,.098,SST,GENERAL-PUMP
5	67055-4B	NIPPLE,HEX,3/8NPT,BRS
6	03010192	VALVE,3/8,SST,2-WAY,NC,232PSI



PICTORIAL PARTS CATALOG		
DESCRIPTION: PUMP STATION SUPER-SEAL MANIFOLD		
DWG. NO. 11250275	REV 00	SHEET 1 OF 1
VEHICLE WASH SYSTEMS		
PART OF OPW		

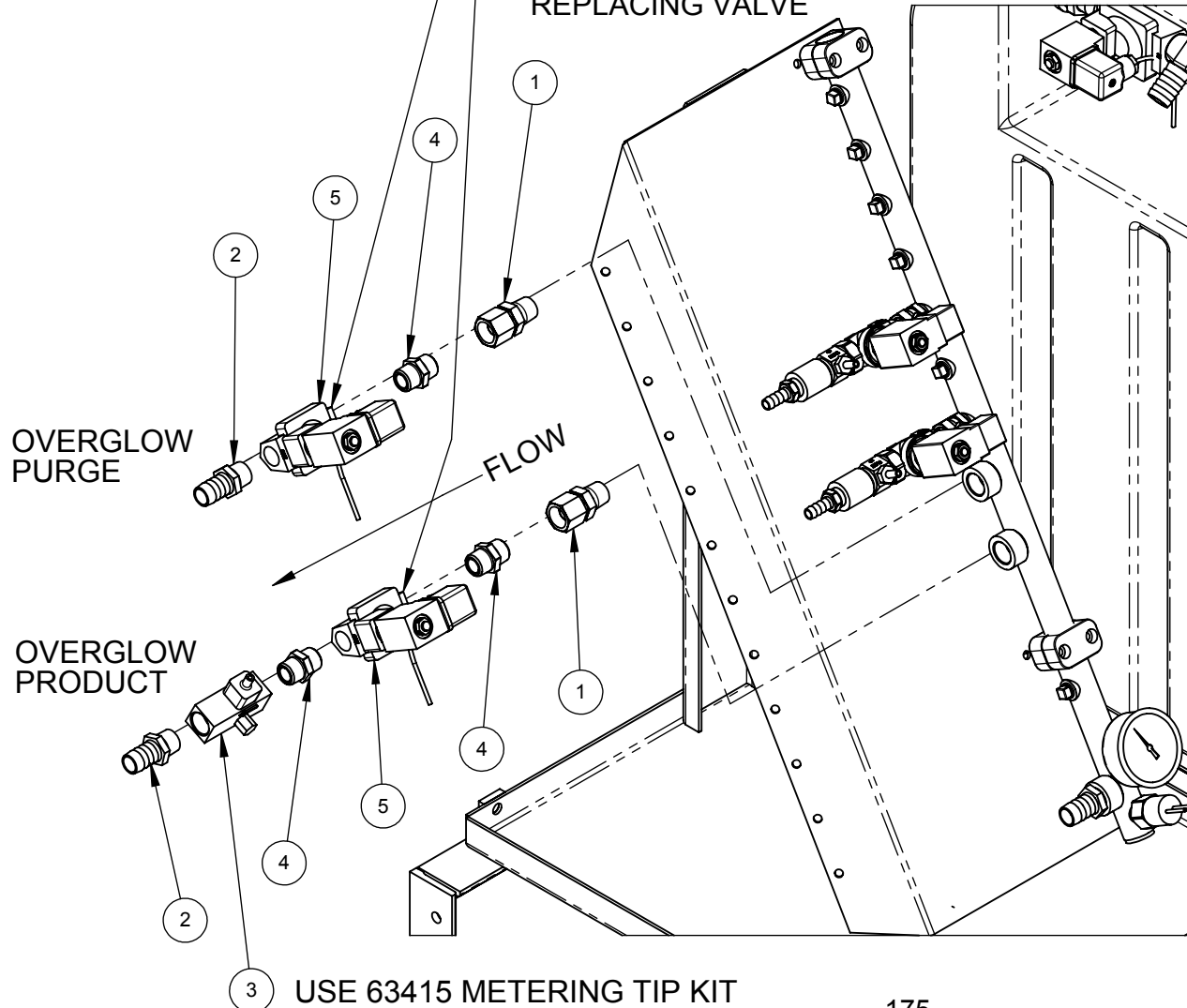
ITEM	PART #	DESCRIPTION
1	44553-S	ADAPTER,3/8FNPT-SWIVELx1/4MNPT,SST
2	67794-4S	COUPLING,3/8NPT,SST
3	03310038	HOSE-BARB,3/8Hx3/8MNPT,SST
4	03150027	INJECTOR,.086,SST,GENERAL-PUMP
5	67055-4B	NIPPLE,HEX,3/8NPT,BRS
6	03010192	VALVE,3/8,SST,2-WAY,NC,232PSI





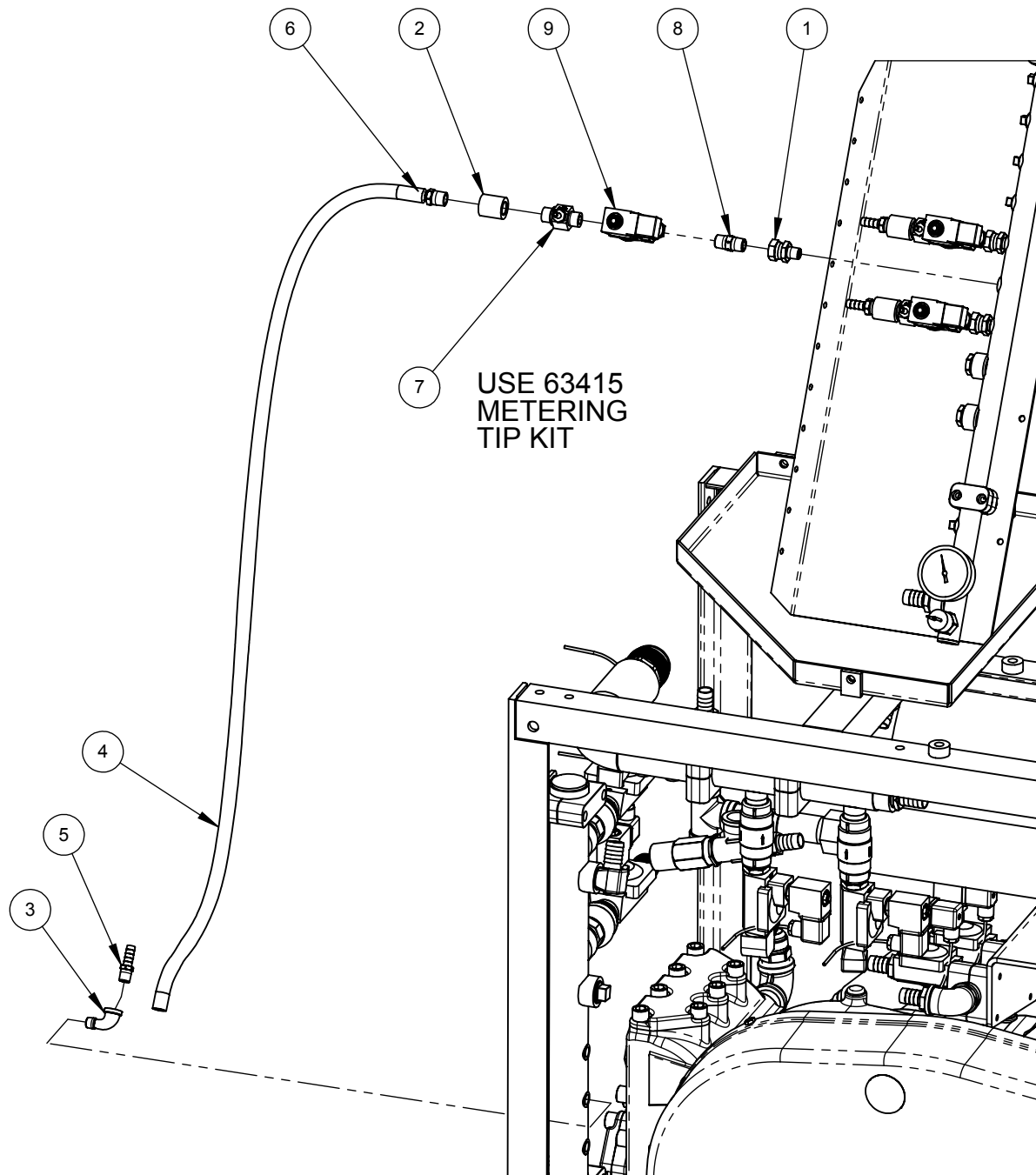
PICTORIAL PARTS CATALOG		
DESCRIPTION: PUMP STATION - FRONT PREP MANIFOLD		
DWG. NO.	REV	SHEET
11250276	00	1 OF 1
		
VEHICLE WASH SYSTEMS		
PART OF OPW		

ITEM	PART #	DESCRIPTION
1	03140062	ADAPTER, 1/2MNPTx1/2FNPT-SWIVEL, SST
2	68122-MHB	HOSE-BARB, 3/4Hx1/2MNPT, BRS
3	03150019	INJECTOR, .135-.245, 1/2FPT, ADJ, BRS
4	67058-4B	NIPPLE, HEX, 1/2NPT, BR
5	03010177	VALVE, 1/2", BRASS, 2-WAY, NC, 232PSI, NAPLES

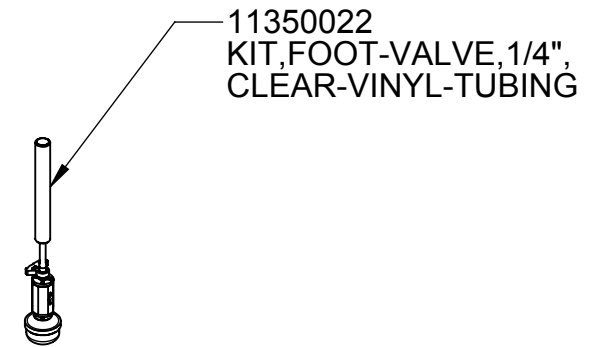
SERIAL NO LPP0029 AND LOWER MAY USE THIS VALVE AS A REPLACEMENT BUT HARNESS 04080616 IS NOT USED WHEN REPLACING VALVE



PICTORIAL PARTS CATALOG		
DESCRIPTION: PUMP STATION OVERFLOW MANIFOLD		
DWG. NO. 11250278	REV 04	SHEET 1 OF 1
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small>		<small>ADOVER COMPANY</small>



ITEM	PART #	DESCRIPTION
1	44553-S	ADAPTER,3/8FNPT-SWIVELx1/4MNPT,SST
2	67794-4S	COUPLING,3/8NPT,SST
3	67487-4S	ELBOW,STREET,1/4NPT,90DEG,SC40,SST
4	01130010	HOSE,,.375,200PSI,BLACK,SYN-RBR,SYN-YRN
5	03310003	HOSE-BARB,3/8HX1/4MNPT,BRS
6	03310038	HOSE-BARB,3/8HX3/8MNPT,SST
7	03150027	INJECTOR,,.086,SST,GENERAL-PUMP
8	67055-4B	NIPPLE,HEX,3/8NPT,BRS
9	03010192	VALVE,3/8,SST,2-WAY,NC,232PSI



PICTORIAL PARTS CATALOG

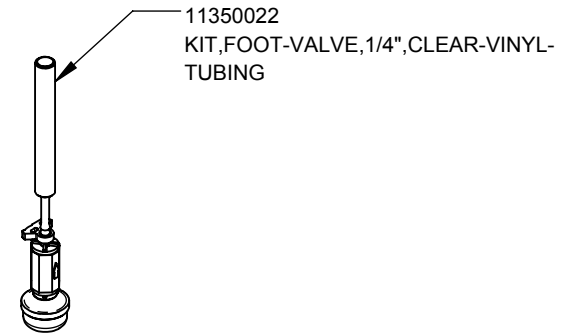
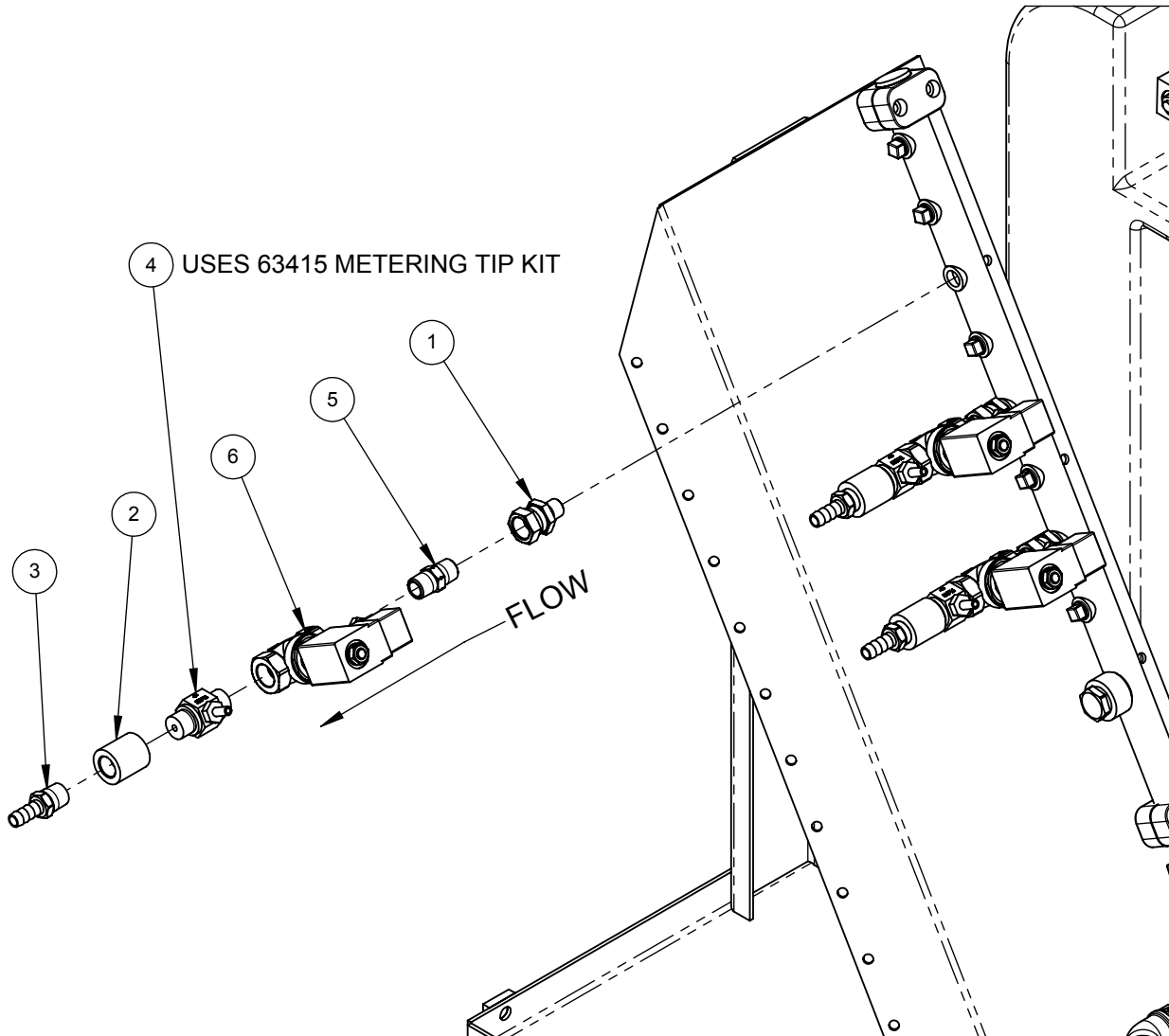
DESCRIPTION:
MANIFOLD HP-PUMP HIGH PRESSURE SOLUTION #2




DWG. NO.	REV	SHEET
09170154	01	1 OF 1

VEHICLE WASH SYSTEMS

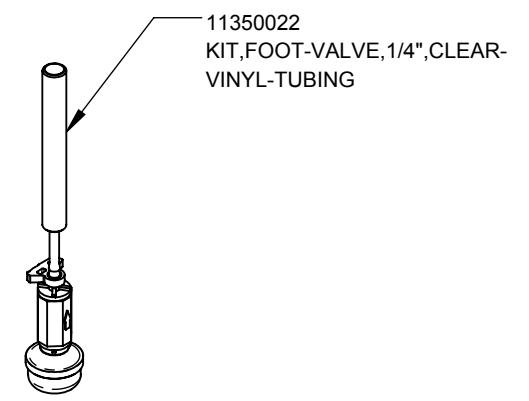
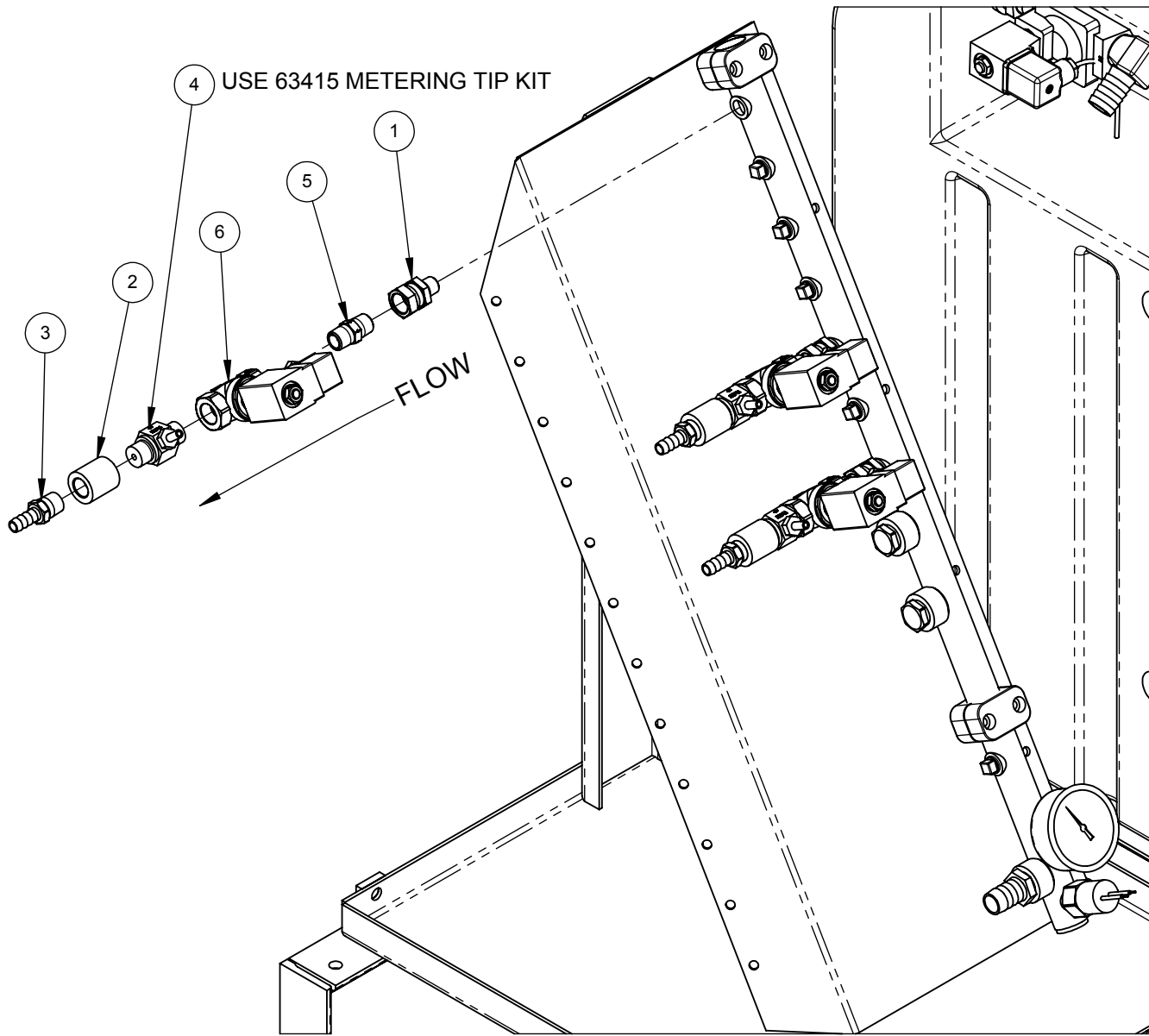
PART OF OPW COMPANY

ITEM	PART #	DESCRIPTION
1	44553-S	ADAPTER,3/8FNPT-SWIVELx1/4MNPT,SST
2	67794-4S	COUPLING,3/8NPT,SST
3	03310038	HOSE-BARB,3/8Hx3/8MNPT,SST
4	03150027	INJECTOR,.086,SST,GENERAL-PUMP
5	67055-4B	NIPPLE,HEX,3/8NPT,BRS
6	03010192	VALVE,3/8,SST,2-WAY,NC,232PSI



PICTORIAL PARTS CATALOG		
DESCRIPTION: PUMP STATION 2ND DETERGENT MANIFOLD		
DWG. NO.	REV	SHEET
11250273	00	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		



ITEM	PART #	DESCRIPTION
1	44553-S	ADAPTER,3/8FNPT-SWIVELx1/4MNPT,SST
2	67794-4S	COUPLING,3/8NPT,SST
3	68112-MHB	HOSE-BARB,3/8Hx3/8MNPT,BRS
4	03150027	INJECTOR,.086,SST,GENERAL-PUMP
5	67055-4B	NIPPLE,HEX,3/8NPT,BRS
6	03010192	VALVE,3/8,SST,2-WAY,NC,232PSI




PICTORIAL PARTS CATALOG

DESCRIPTION:
PUMP STATION FOAMING WAX MANIFOLD

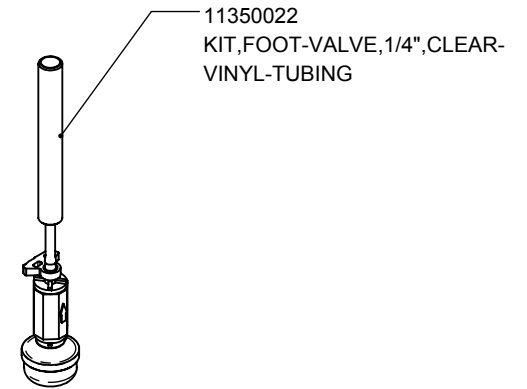
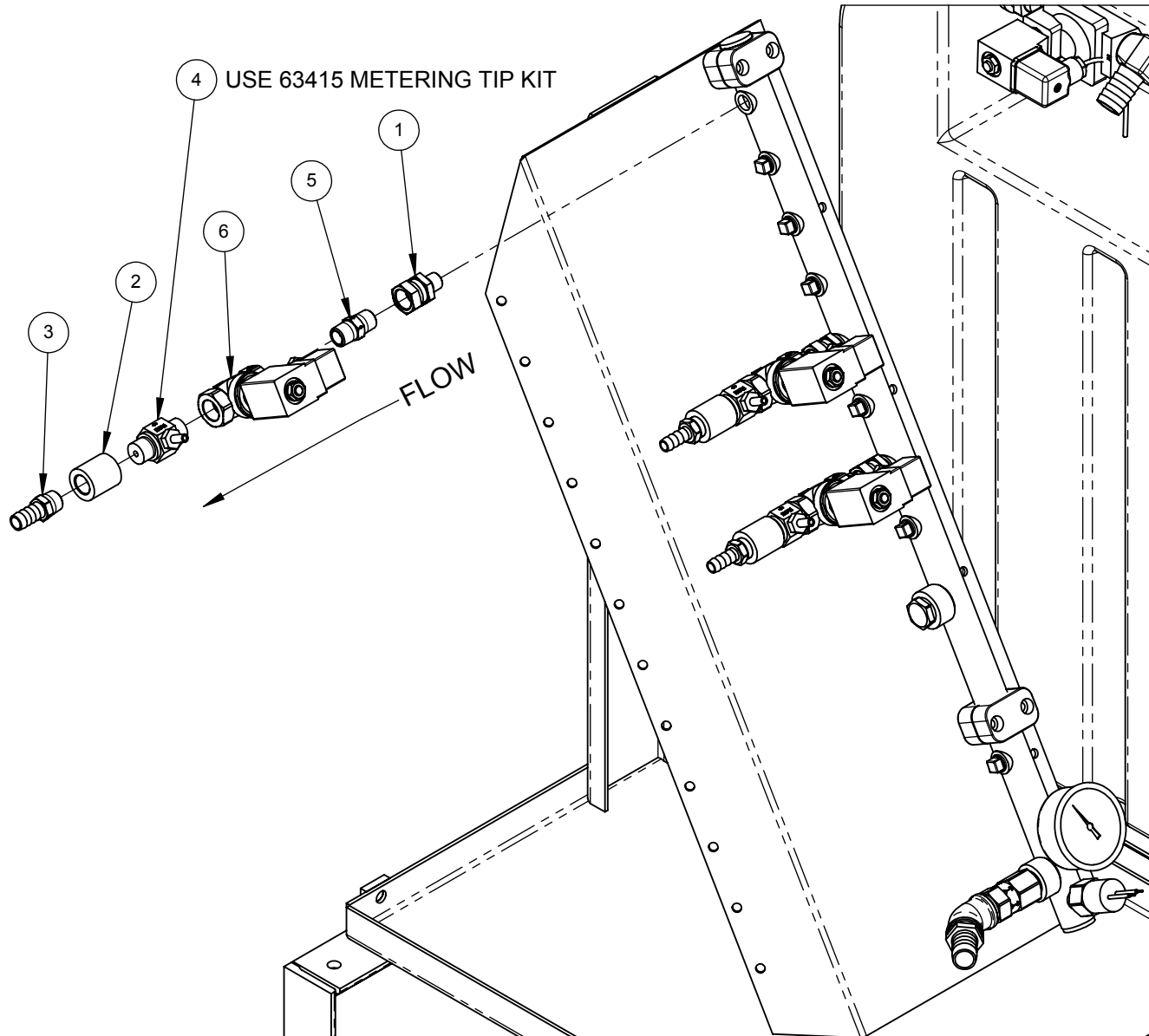
DWG. NO.	REV	SHEET
11250294	00	1 OF 1







VEHICLE WASH SYSTEMS

PART OF OPW  COMPANY

ITEM	PART #	DESCRIPTION
1	44553-S	ADAPTER,3/8FNPT-SWIVELx1/4MNPT,SST
2	67794-4S	COUPLING,3/8NPT,SST
3	68116-MHB	HOSE-BARB,1/2Hx3/8MNPT,BRS
4	03150028	INJECTOR,.098,SST,GENERAL-PUMP
5	67055-4B	NIPPLE,HEX,3/8NPT,BRS
6	03010192	VALVE,3/8,SST,2-WAY,NC,232PSI



PICTORIAL PARTS CATALOG		
DESCRIPTION: PUMP STATION RUST INHIBITOR MANIFOLD		
DWG. NO.	REV	SHEET
11250277	00	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

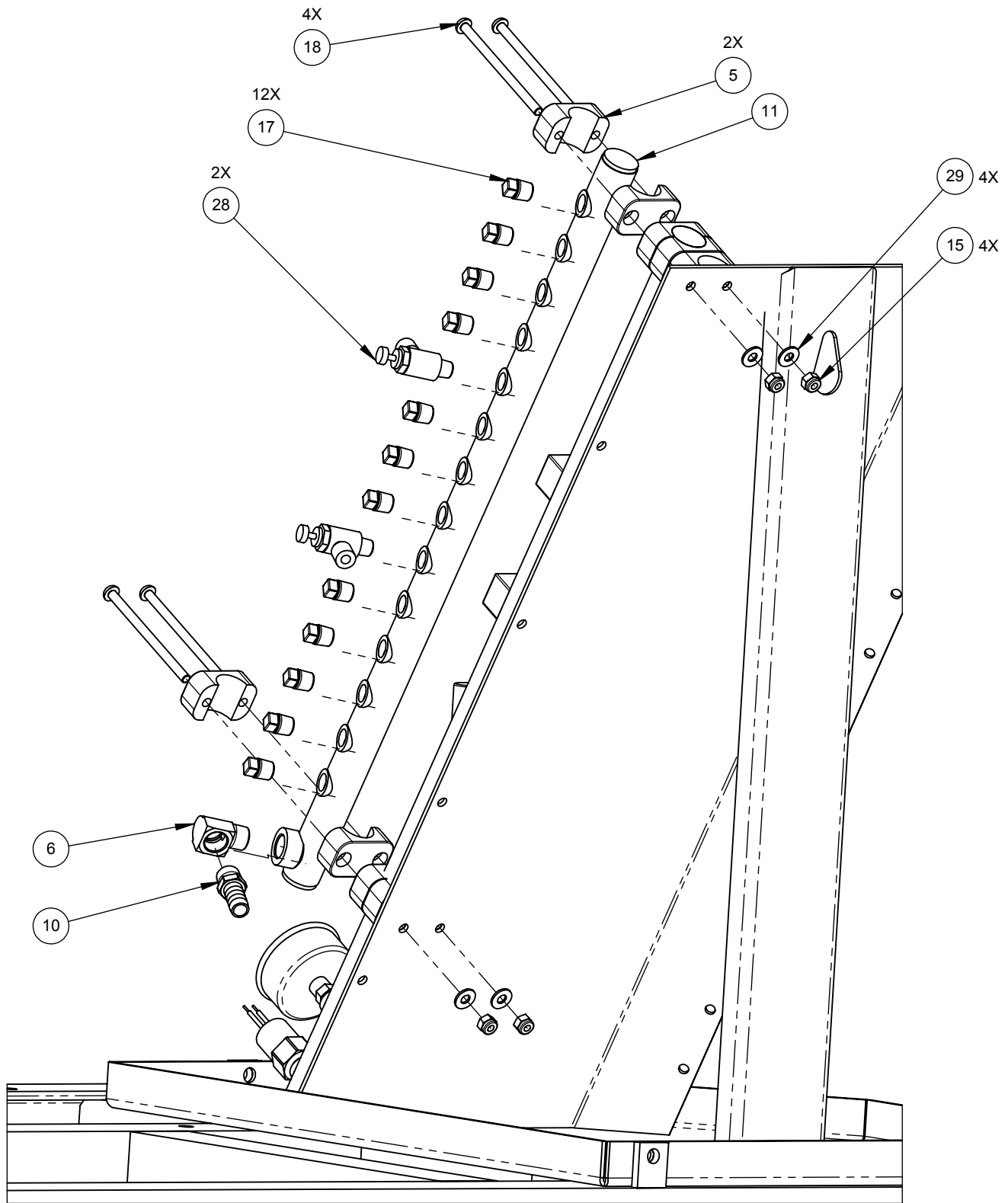
ITEM	PART #	DESCRIPTION
1	06141324	BRACKET,MOUNT,WEEP,SST,TOUCHFREE
2	67714-S	BUSHING,1NPTx3/4NPT,SST
3	67702-S	BUSHING,3/8NPTx1/4NPT,SST
4	75101	CLAMP,HOSE,#6,,38-50H,SST
5	75016	CLAMP,TUBE,1",PP,STANDARD
6	67489-4B	ELBOW,STREET,3/8NPT,90DEG,SC40,BRS
7	61025	HOSE,.50,200PSI,BLACK,SYN-RBR,SYN-YRN
8	61025	HOSE,.50,200PSI,BLACK,SYN-RBR,SYN-YRN
9	68118-MHB	HOSE-BARB,1/2Hx3/4MNPT,BRS
10	68116-MHB	HOSE-BARB,1/2Hx3/8MNPT,BRS
11	03220314	MANIFOLD,WEEP,SST,LW360PLUS
12	67011-4B	NIPPLE,1/4NPTxCLOSE,SC40,BRS
13	67011-4S	NIPPLE,1/4NPTxCLOSE,SC40,SST
14	67055-4B	NIPPLE,HEX,3/8NPT,BRS
15	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
16	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
17	67603-B	PLUG,1/4NPT,SQ-HD,BRS
18	70122-SCS	SCREW,1/4-20x4.00,PRHMS,SST
19	70181-HCS	SCREW,3/8-16x1.25,HHCS,SST
20	04450024	STRAIN-RELIEF,.138-.315",W/LOCKNUT,NYLON
21	67110-4S	TEE,3/8NPT,PIPE,SC40,SST
22	24336-PB	TUBE-FTG,ELBOW,1/4Tx1/4NPT,PUSH,BRS
23	23965-NE	TUBING,.25x.04W,NAT-PE
24	23965-NE	TUBING,.25x.04W,NAT-PE
25	63135	VALVE,CHECK,1/4FNPT,1200PSI,BRS
26	03010076	VALVE,CHECK,1/4NPT,5PSI,SST
27	03010110	VALVE,DIAPHRAM,3/8,BRASS,1-150PSI,24VAC
28	21131	VALVE,FLOW-CONTROL,90,1/4Tx1/4MPT
29	71511-FS	WASHER,1/4,FLAT,SST
30	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST

PICTORIAL PARTS CATALOG

DESCRIPTION:
WEEP MANIFOLD

DWG. NO.	REV	SHEET
09170142	01	1 OF 7





MANIFOLD ASSEMBLY DETAIL

PICTORIAL PARTS CATALOG

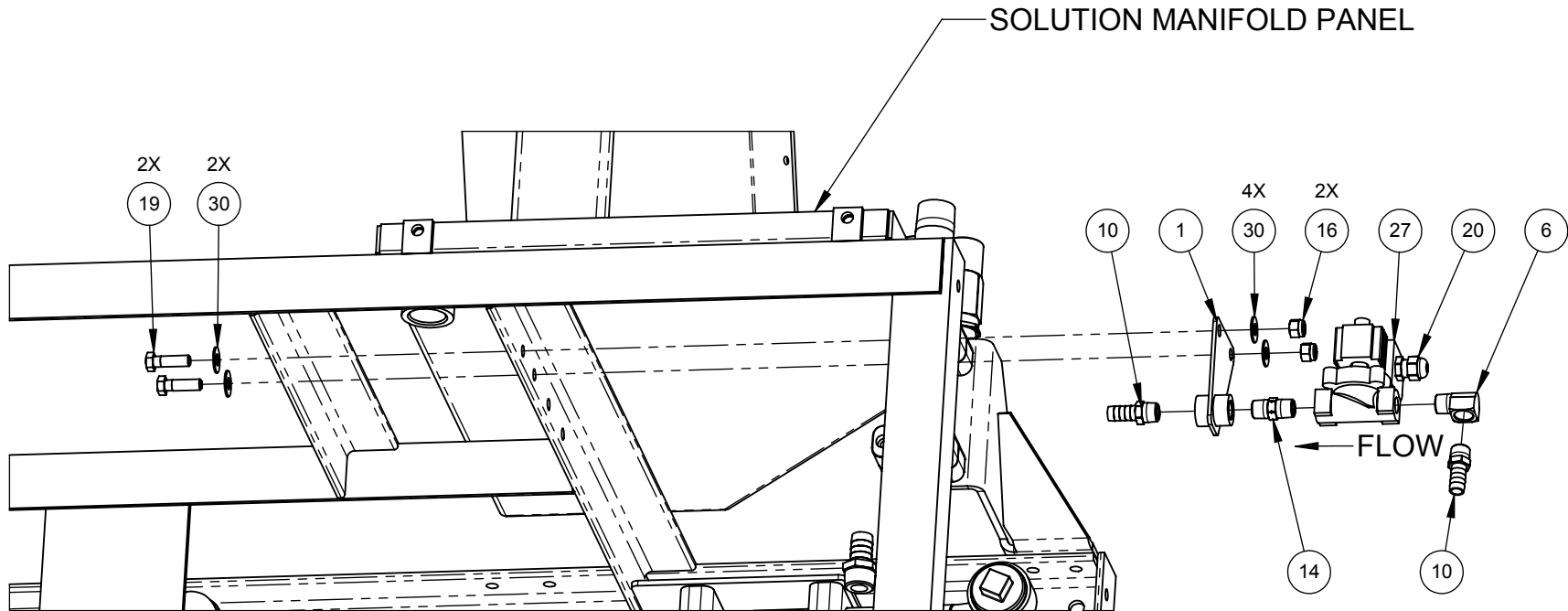
DESCRIPTION: WEEP MANIFOLD

DWG. NO.	REV	SHEET
09170142	01	2 OF 7






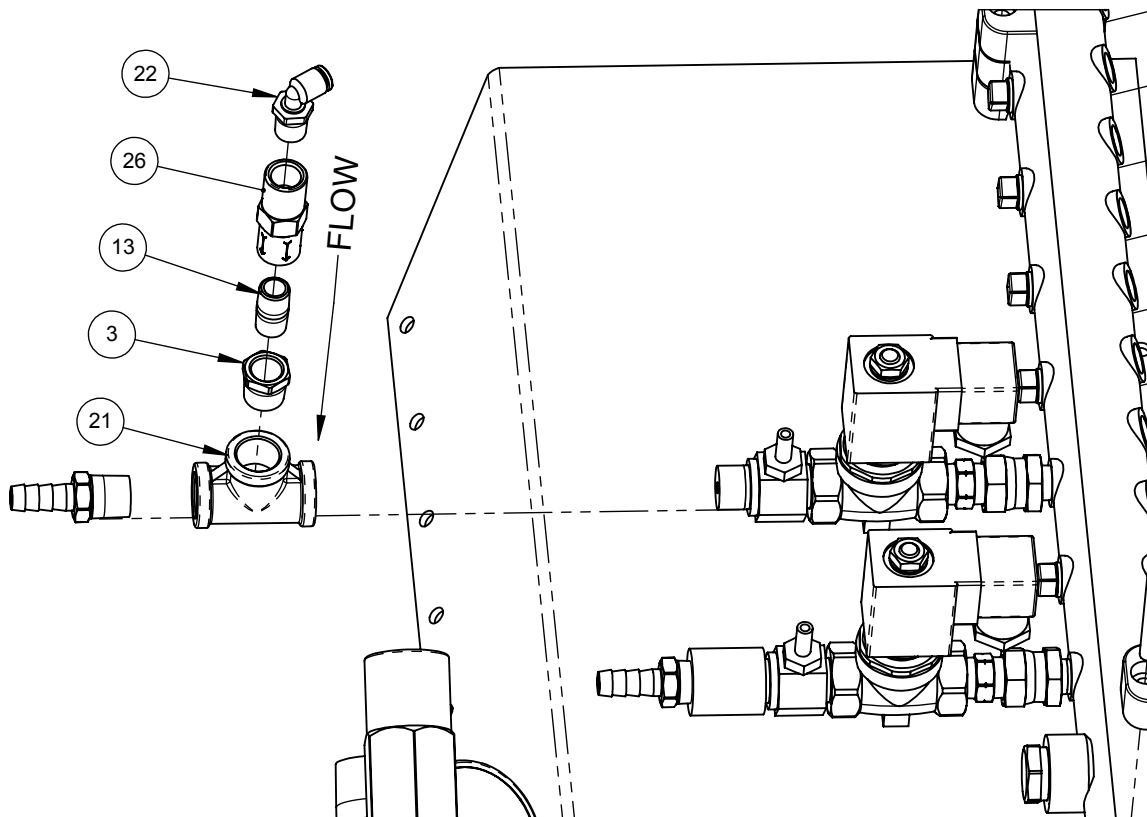
VEHICLE WASH SYSTEMS

PART OF OPW A DOVER COMPANY



WEEP VALVE ASSEMBLY DETAIL
 VIEWED FROM BACK OF PUMP STATION
 BENEATH SOLUTION VALVE ASSEMBLY

PICTORIAL PARTS CATALOG		
DESCRIPTION: WEEP MANIFOLD		
DWG. NO.	REV	SHEET
09170142	01	3 OF 7
		
VEHICLE WASH SYSTEMS		PART OF OPW 



WEEP ASSEMBLY BASE DETERGENT

PICTORIAL PARTS CATALOG

DESCRIPTION:

WEEP MANIFOLD

DWG. NO.

09170142

REV

01

SHEET

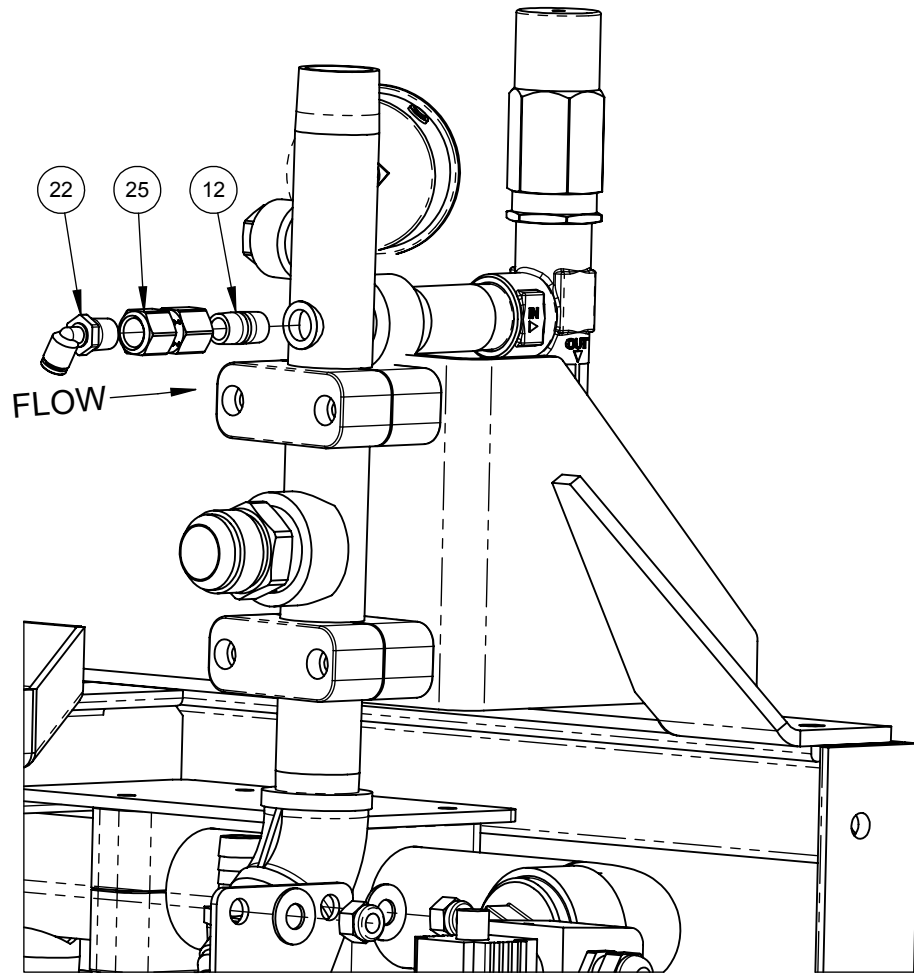
4 OF 7



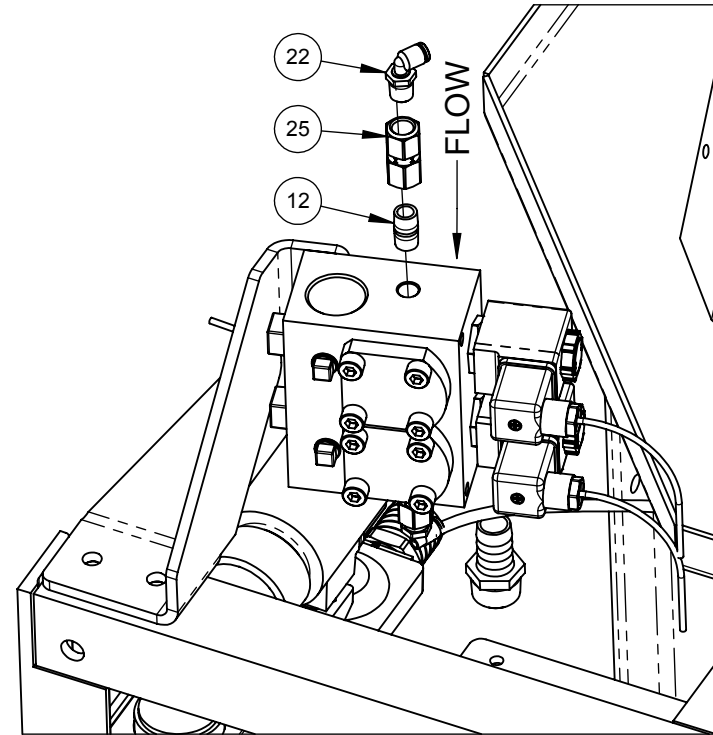
VEHICLE WASH SYSTEMS

PART OF OPW




DOVER COMPANY

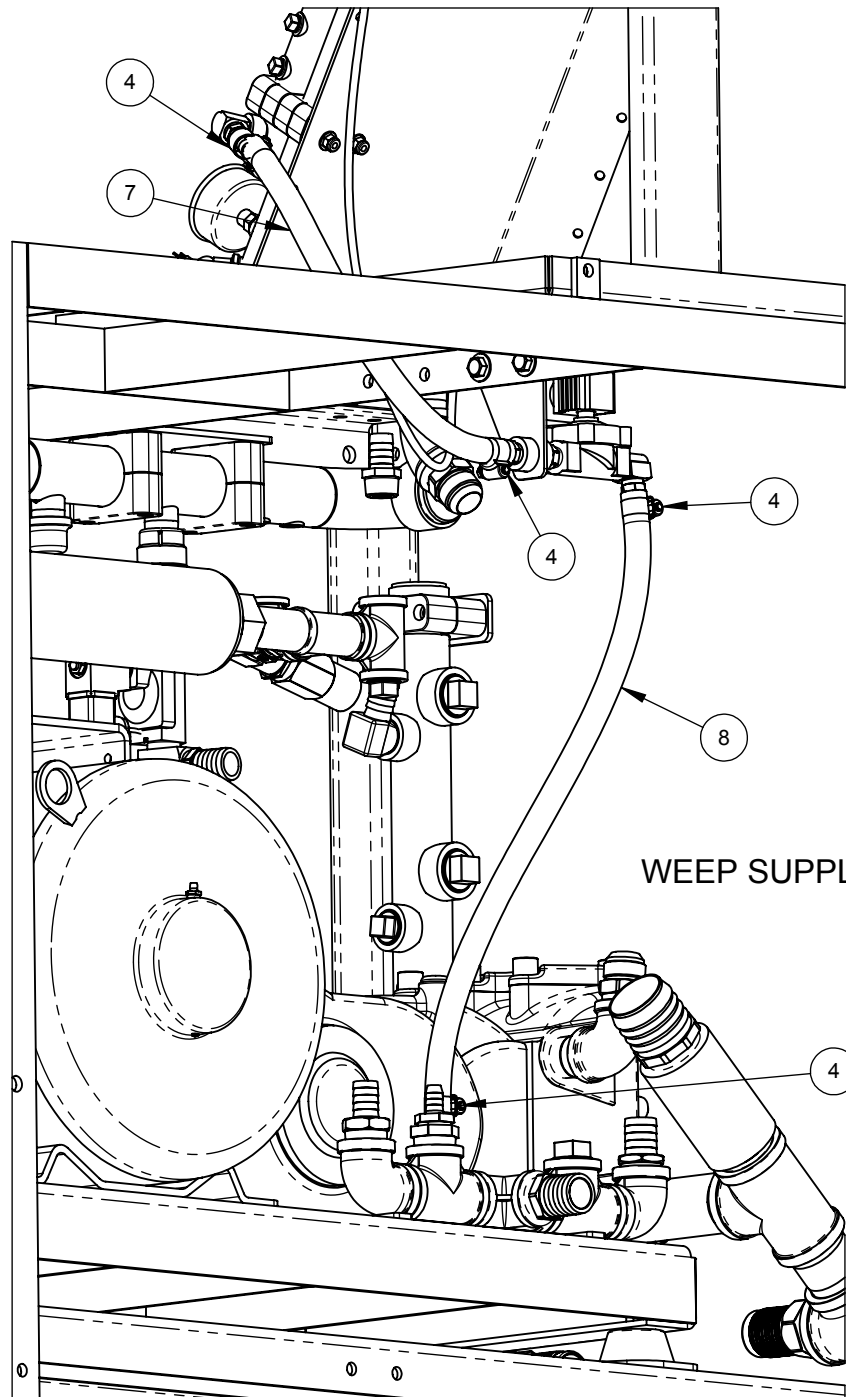


WEEP TO MAIN ARCH ASSEMBLY
WITHOUT UNDERBODY

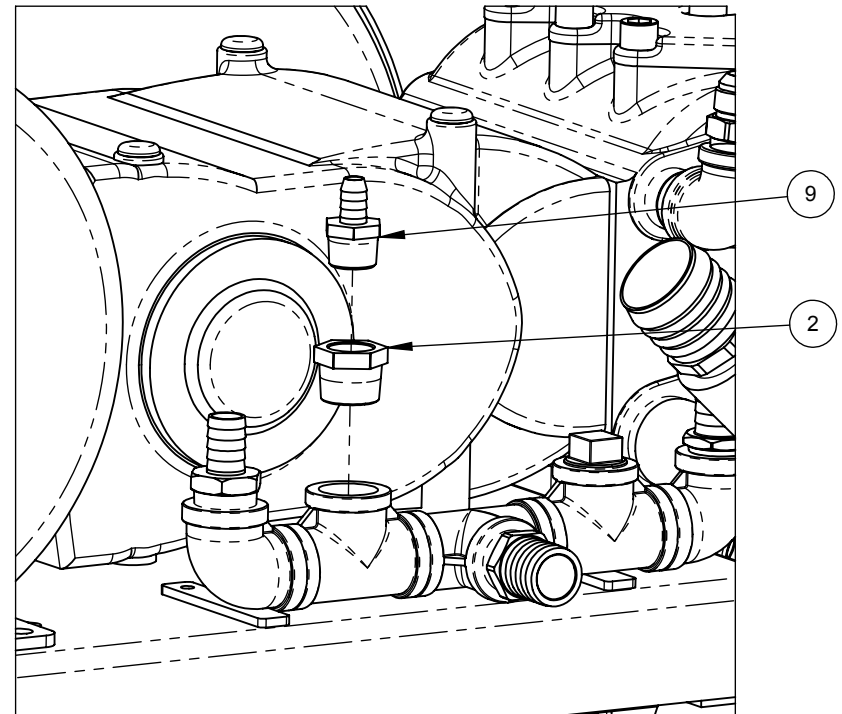


WEEP TO MAIN ARCH ASSEMBLY
WITH UNDERBODY VALVE




PICTORIAL PARTS CATALOG		
DESCRIPTION: WEEP MANIFOLD		
DWG. NO.	REV	SHEET
09170142	01	5 OF 7
		
VEHICLE WASH SYSTEMS		
PART OF OPW		

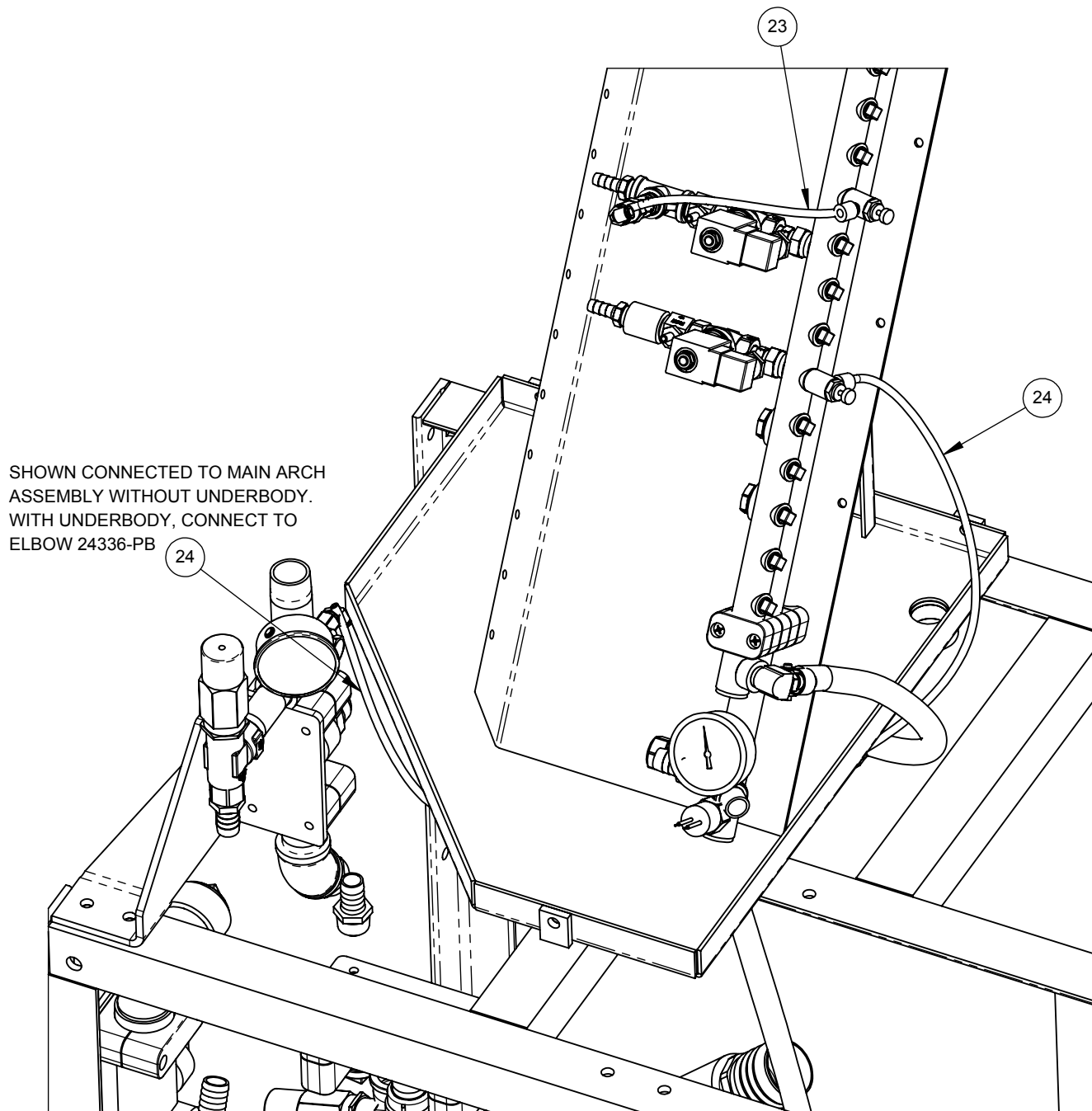


WEEP SUPPLY HOSES



WEEP SUPPLY PORT

PICTORIAL PARTS CATALOG		
DESCRIPTION: WEEP MANIFOLD		
DWG. NO. 09170142	REV 01	SHEET 6 OF 7
		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		



BASE WEEP TUBING

PICTORIAL PARTS CATALOG

DESCRIPTION:

WEEP MANIFOLD

DWG. NO.

09170142

REV

01

SHEET

7 OF 7



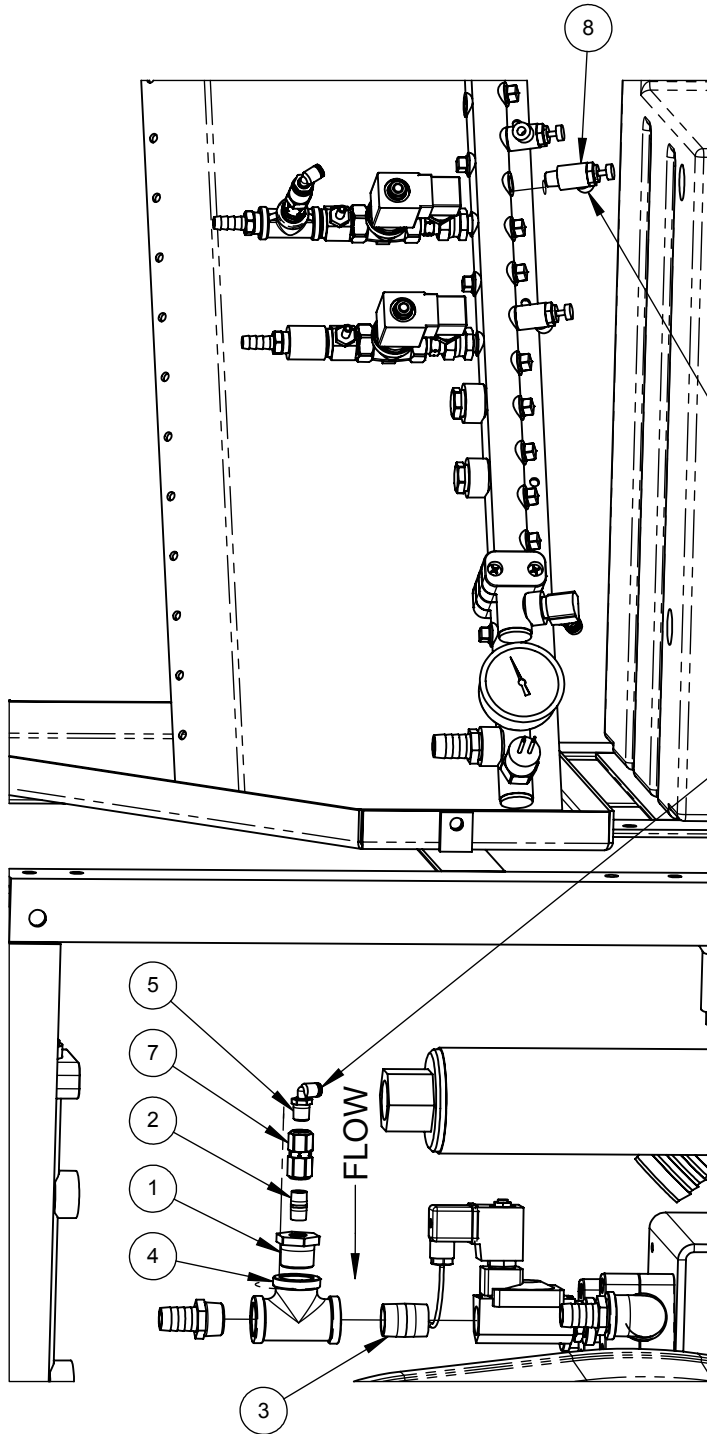
VEHICLE WASH SYSTEMS



PART OF OPW

DOVER COMPANY

ITEM	PART #	DESCRIPTION
1	67707-S	BUSHING, 3/4NPTx1/4NPT, SST
2	67011-4B	NIPPLE, 1/4NPTxCLOSE, SC40, BRS
3	67014-4S	NIPPLE, 3/4NPTxCLOSE, SC40, SST
4	67120-4S	TEE, 3/4NPT, PIPE, SST
5	24336-PB	TUBE-FTG, ELBOW, 1/4Tx1/4NPT, PUSH, BRS
6	23965-NE	TUBING, .25x.04W, NAT-PE
7	63135	VALVE, CHECK, 1/4FNPT, 1200PSI, BRS
8	21131	VALVE, FLOW-CONTROL, 90, 1/4Tx1/4MPT



CONNECTED
USING 23965-NE
TUBING

PICTORIAL PARTS CATALOG

DESCRIPTION:

**MAIN ARCH SPOT-FREE WEEP
MANIFOLD**

DWG. NO.

09170156

REV

00

SHEET

1 OF 1



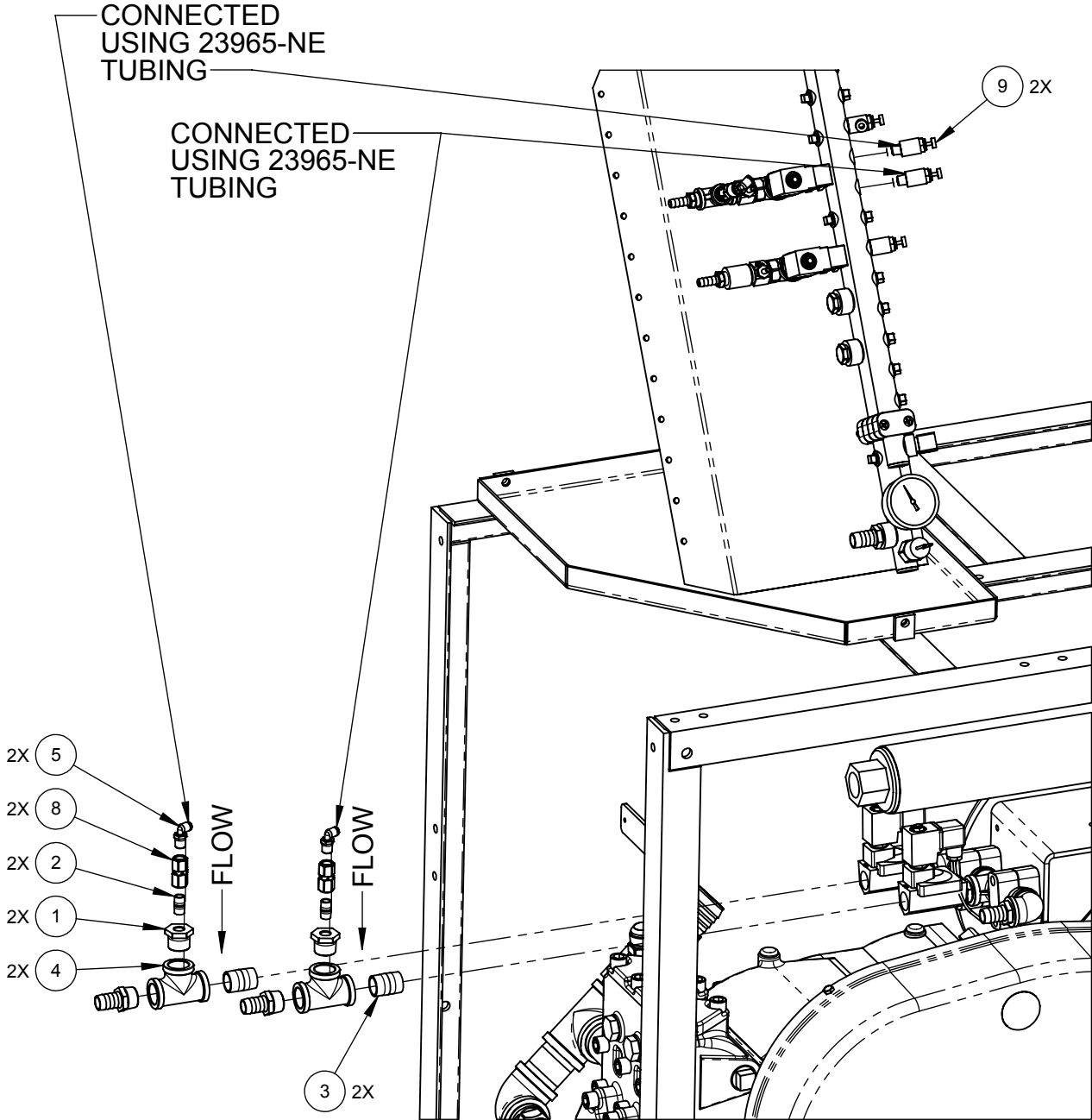
VEHICLE WASH SYSTEMS



PART OF OPW

DOVER COMPANY

ITEM	PART #	DESCRIPTION
1	67707-S	BUSHING,3/4NPTx1/4NPT,SST
2	67011-4B	NIPPLE,1/4NPTxCLOSE,SC40,BRS
3	67014-4S	NIPPLE,3/4NPTxCLOSE,SC40,SST
4	67120-4S	TEE,3/4NPT,PIPE,SST
5	24336-PB	TUBE-FTG,ELBOW,1/4Tx1/4NPT,PUSH,BRS
6	23965-NE	TUBING,.25x.04W,NAT-PE
7	23965-NE	TUBING,.25x.04W,NAT-PE
8	63135	VALVE,CHECK,1/4FNPT,1200PSI,BRS
9	21131	VALVE,FLOW-CONTROL,90,1/4Tx1/4MPT



PICTORIAL PARTS CATALOG

DESCRIPTION:

DUAL-FEED SPOT-FREE WEEP MANIFOLD

DWG. NO.

09170158

REV

00

SHEET

1 OF 1

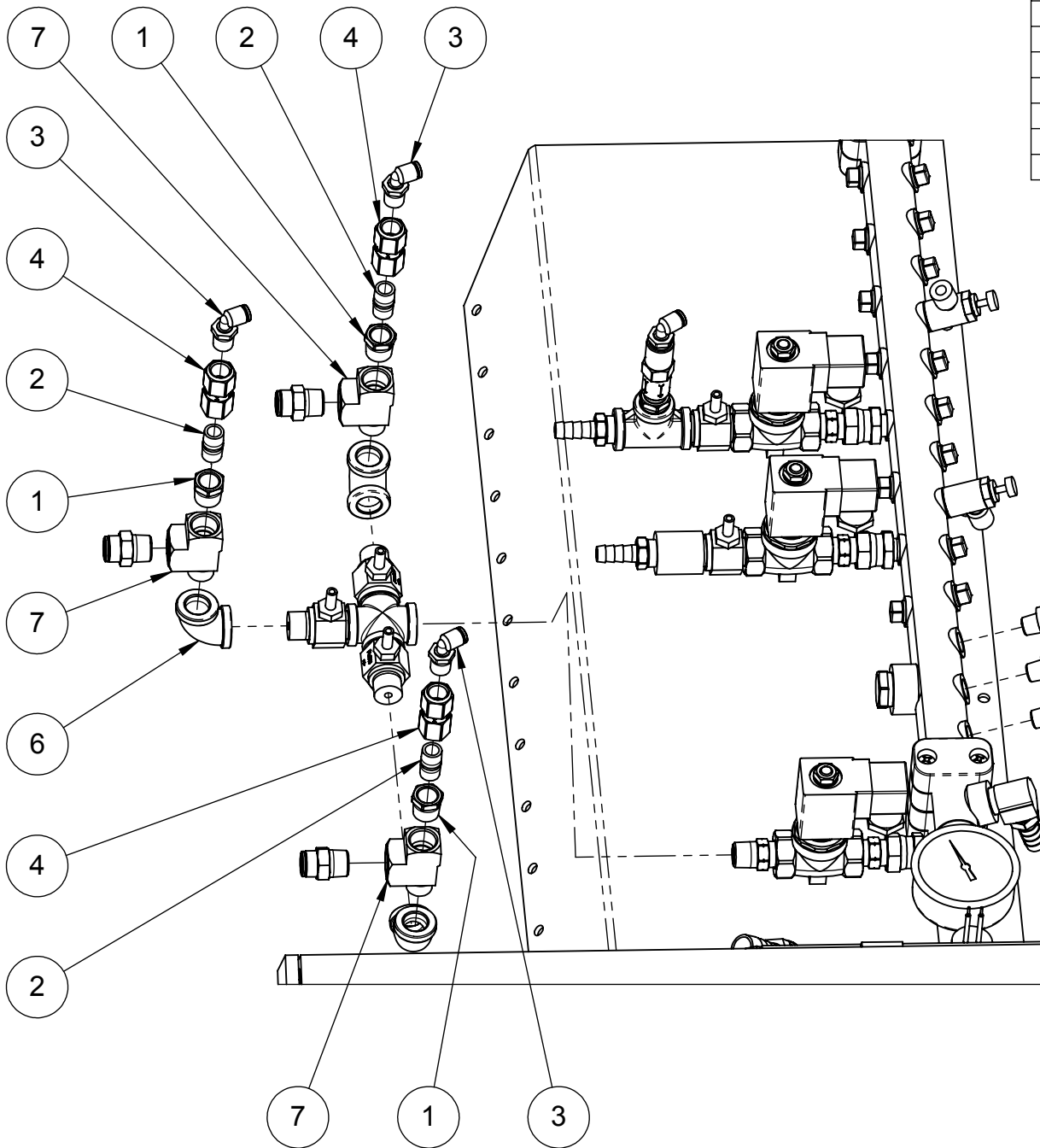


VEHICLE WASH SYSTEMS



PART OF OPW

DOVER COMPANY





ITEM	PART #	DESCRIPTION
1	67702-B	BUSHING,3/8NPTx1/4NPT,BRS
2	67011-4B	NIPPLE,1/4NPTxCLOSE,SC40,BRS
3	24336-PB	TUBE-FTG,ELBOW,1/4Tx1/4NPT,PUSH,BRS
4	63135	VALVE,CHECK,1/4FNPT,1200PSI,BRS
5	21131	VALVE,FLOW-CONTROL,90,1/4Tx1/4MPT
6	67404-4B	ELBOW,3/8NPT,90DEG,SC40,BRS
7	67195-4B	TEE,3/8NPT,MALE-RUN,SC40,BRS

WEEP TUBING: 23965-NE TUBING,.25x.04W,NAT-PE


PICTORIAL PARTS CATALOG

DESCRIPTION:
WEEP MANIFOLD 3X-FOAM

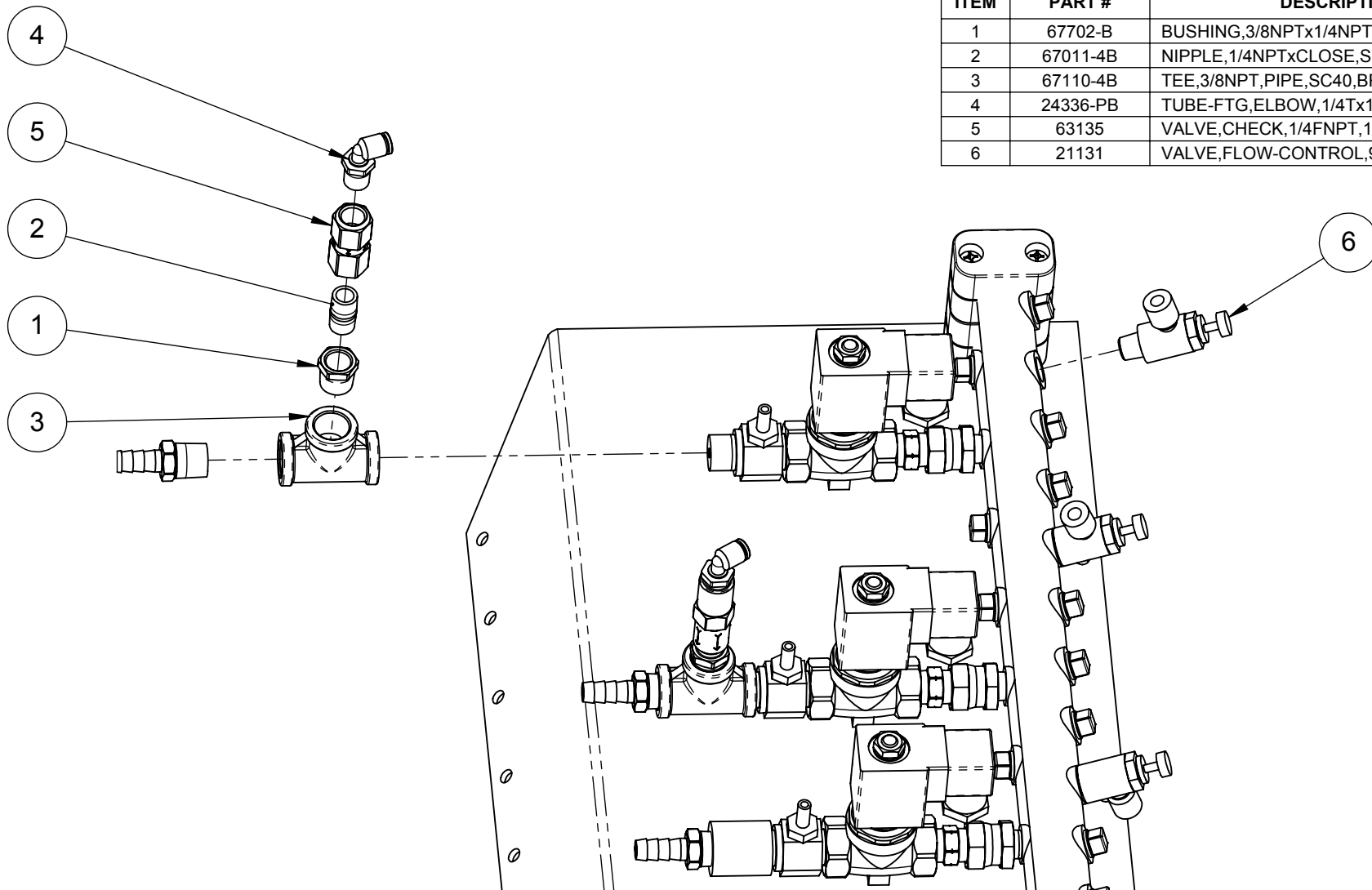
DWG. NO.	REV	SHEET
09170146	00	1 OF 1




VEHICLE WASH SYSTEMS

PART OF OPW 

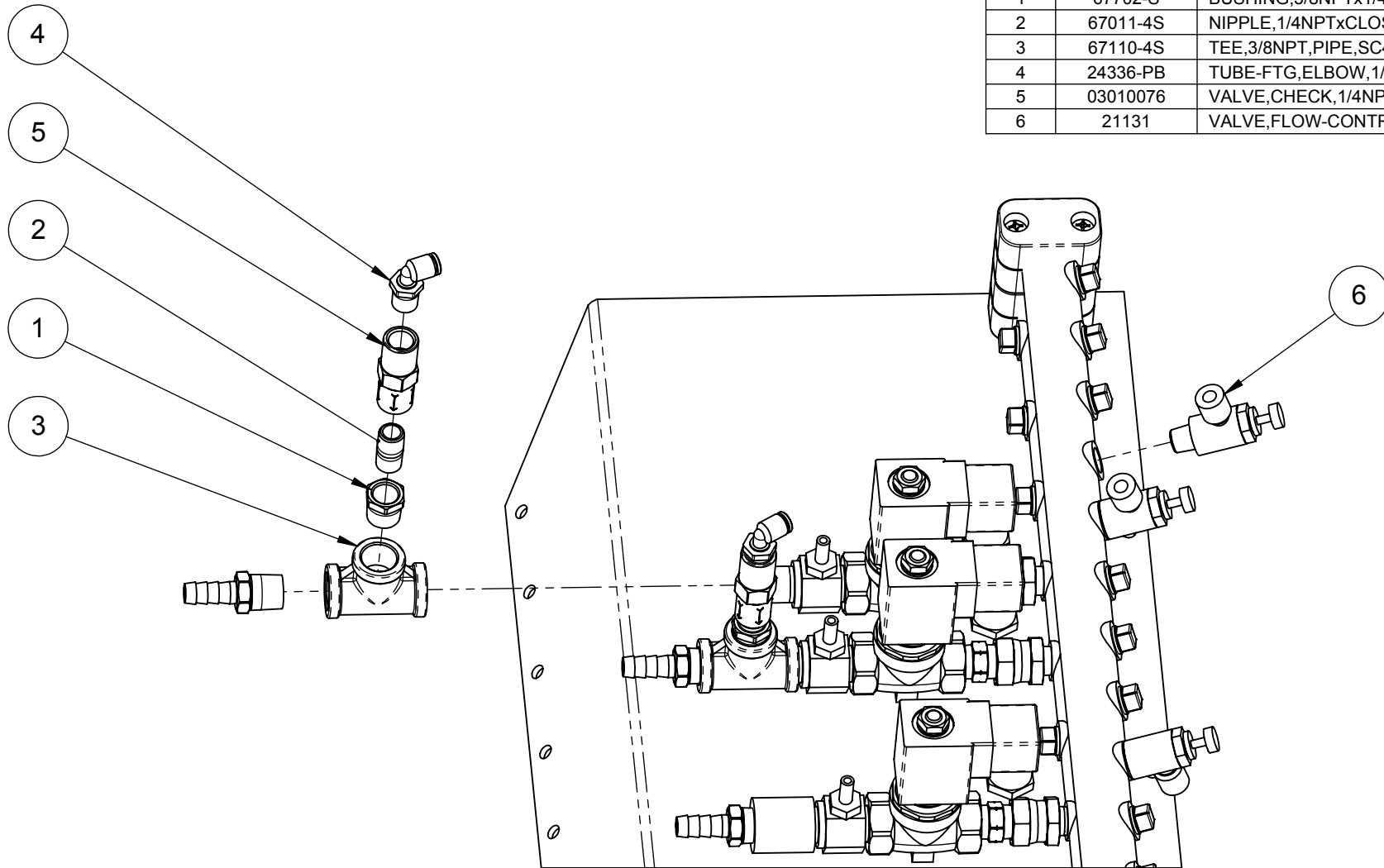
ITEM	PART #	DESCRIPTION
1	67702-B	BUSHING,3/8NPTx1/4NPT,BRS
2	67011-4B	NIPPLE,1/4NPTxCLOSE,SC40,BRS
3	67110-4B	TEE,3/8NPT,PIPE,SC40,BRS
4	24336-PB	TUBE-FTG,ELBOW,1/4Tx1/4NPT,PUSH,BRS
5	63135	VALVE,CHECK,1/4FNPT,1200PSI,BRS
6	21131	VALVE,FLOW-CONTROL,90,1/4Tx1/4MPT





WEEP TUBING: 23965-NE TUBING,.25x.04W,NAT-PE

PICTORIAL PARTS CATALOG		
DESCRIPTION: MANIFOLD SUPER SEALANT WEEP		
DWG. NO.	REV	SHEET
09170148	00	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

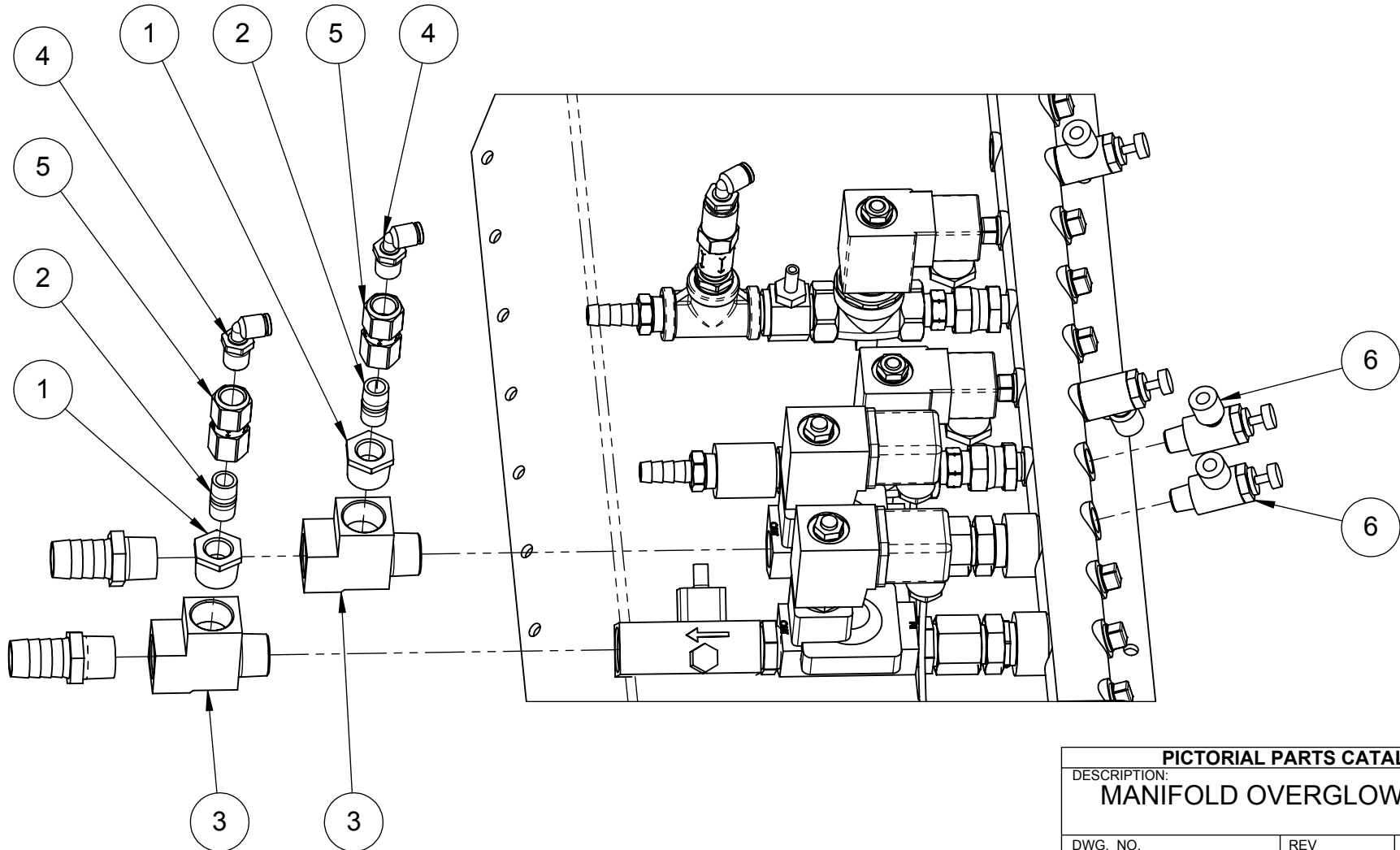
ITEM	PART #	DESCRIPTION
1	67702-S	BUSHING,3/8NPTx1/4NPT,SST
2	67011-4S	NIPPLE,1/4NPTxCLOSE,SC40,SST
3	67110-4S	TEE,3/8NPT,PIPE,SC40,SST
4	24336-PB	TUBE-FTG,ELBOW,1/4Tx1/4NPT,PUSH,BRS
5	03010076	VALVE,CHECK,1/4NPT,5PSI,SST
6	21131	VALVE,FLOW-CONTROL,90,1/4Tx1/4MPT



WEEP TUBING: 23965-NE TUBING,.25x.04W,NAT-PE

PICTORIAL PARTS CATALOG		
DESCRIPTION: WEEP MANIFOLD FRONT PREP		
DWG. NO. 09170150	REV 00	SHEET 1 OF 1
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small>  <small>COMPANY</small>		

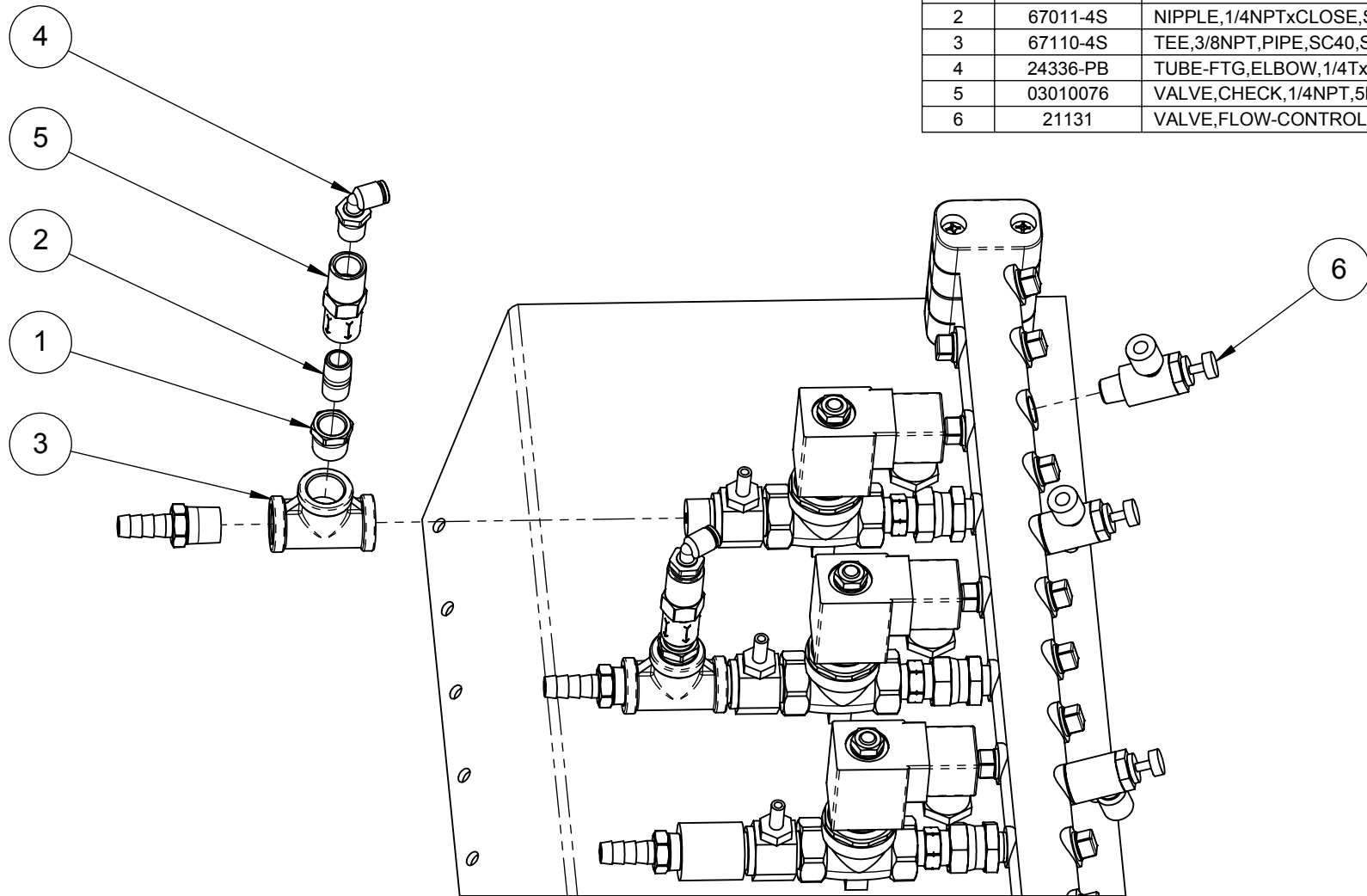
ITEM	PART #	DESCRIPTION
1	67704-B	BUSHING,1/2NPTx1/4NPT,BRS
2	67011-4B	NIPPLE,1/4NPTxCLOSE,SC40,BRS
3	67200-4B	TEE,1/2NPT,MALE-RUN,SC40,BRS
4	24336-PB	TUBE-FTG,ELBOW,1/4Tx1/4NPT,PUSH,BRS
5	63135	VALVE,CHECK,1/4FNPT,1200PSI,BRS
6	21131	VALVE,FLOW-CONTROL,90,1/4Tx1/4MPT





WEEP TUBING: 23965-NE TUBING,.25x.04W,NAT-PE

PICTORIAL PARTS CATALOG		
DESCRIPTION: MANIFOLD OVERGLOW WEEP		
DWG. NO. 09170153	REV 01	SHEET 1 OF 1
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small>  <small>COMPANY</small>		

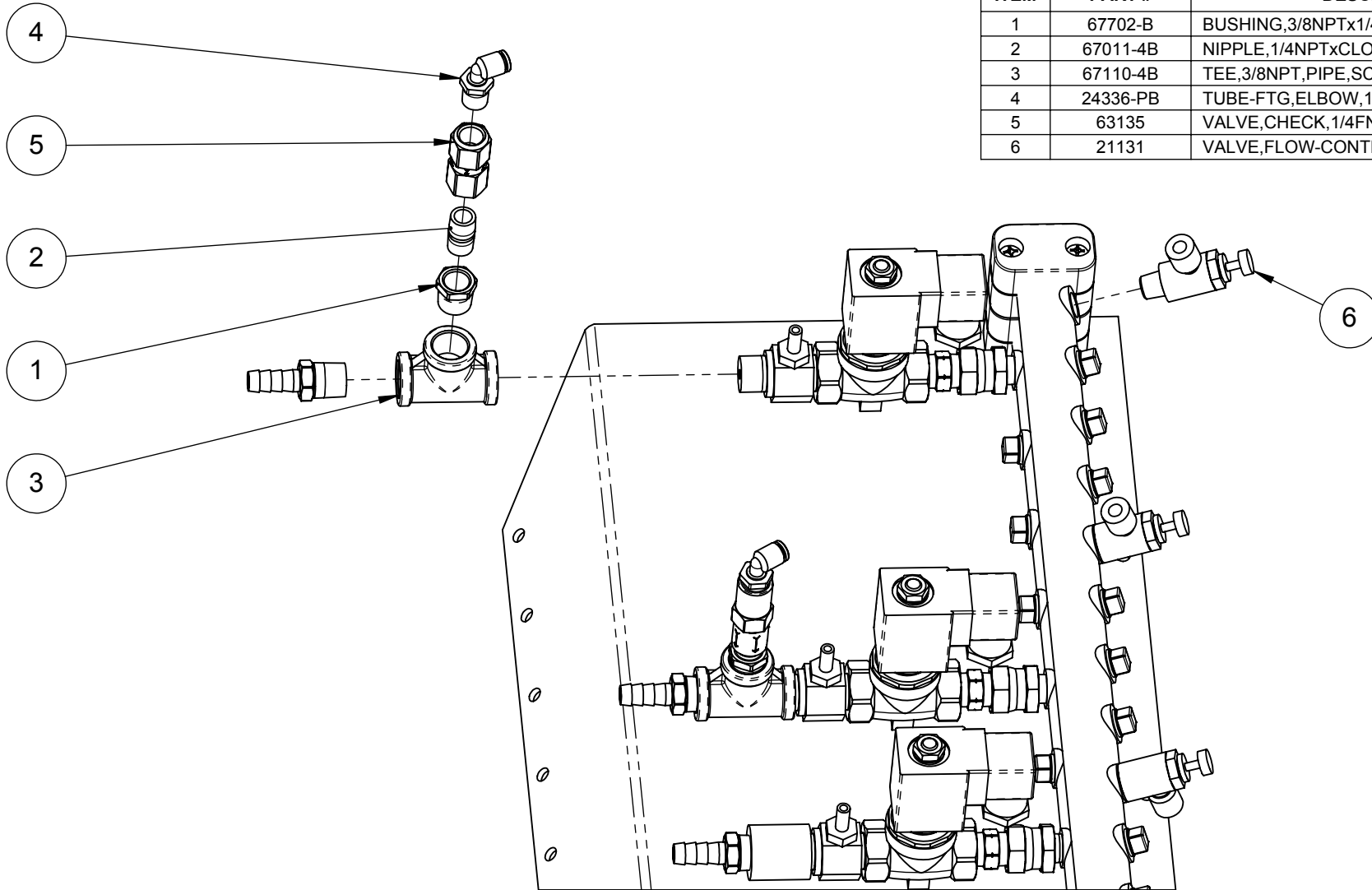
ITEM	PART #	DESCRIPTION
1	67702-S	BUSHING,3/8NPTx1/4NPT,SST
2	67011-4S	NIPPLE,1/4NPTxCLOSE,SC40,SST
3	67110-4S	TEE,3/8NPT,PIPE,SC40,SST
4	24336-PB	TUBE-FTG,ELBOW,1/4Tx1/4NPT,PUSH,BRS
5	03010076	VALVE,CHECK,1/4NPT,5PSI,SST
6	21131	VALVE,FLOW-CONTROL,90,1/4Tx1/4MPT






WEEP TUBING: 23965-NE TUBING,.25x.04W,NAT-PE

PICTORIAL PARTS CATALOG		
DESCRIPTION: WEEP MANIFOLD DETERGENT #2		
DWG. NO. 09170144	REV 00	SHEET 1 OF 1
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small>  <small>COMPANY</small>		

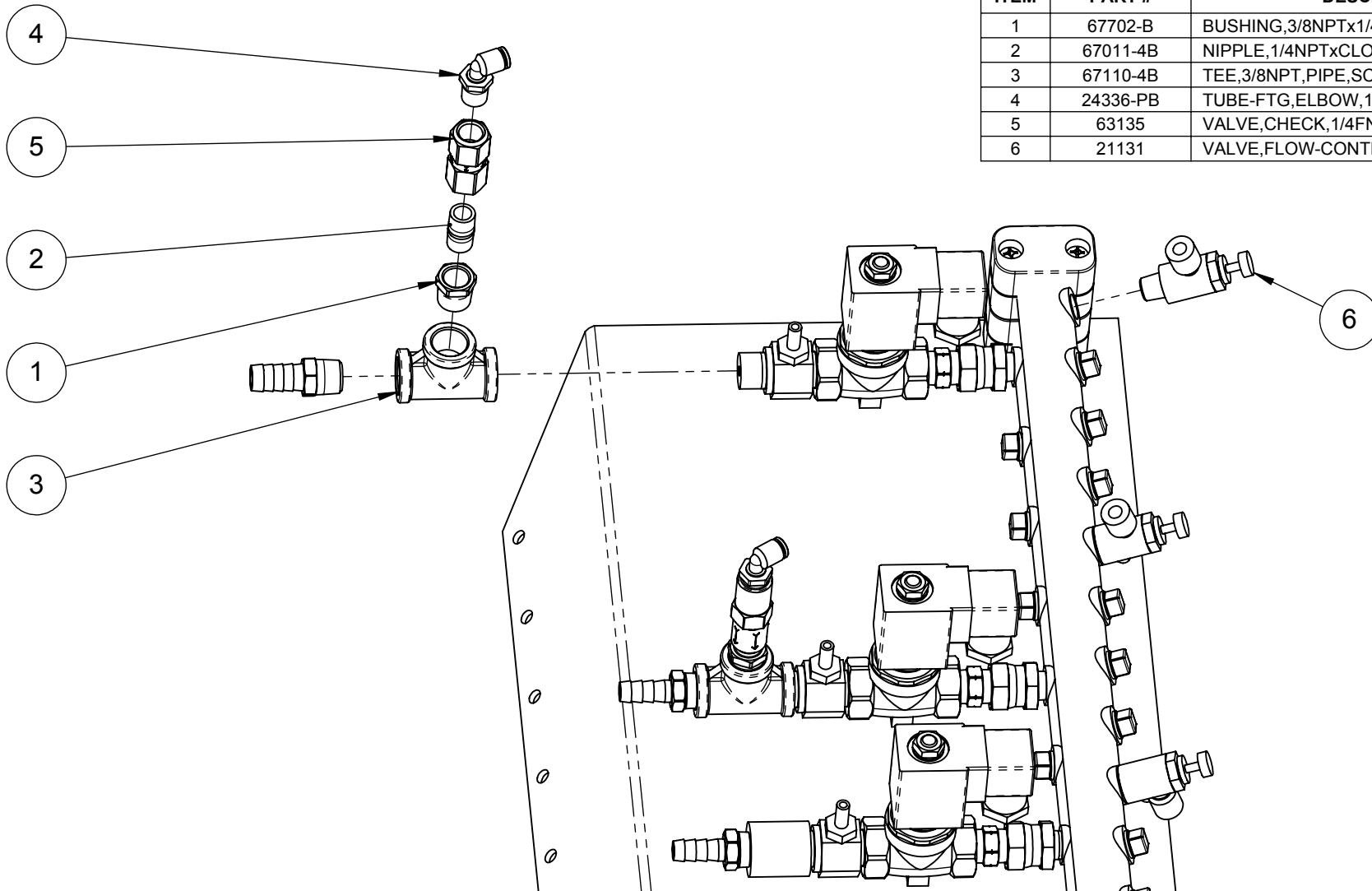
ITEM	PART #	DESCRIPTION
1	67702-B	BUSHING,3/8NPTx1/4NPT,BRS
2	67011-4B	NIPPLE,1/4NPTxCLOSE,SC40,BRS
3	67110-4B	TEE,3/8NPT,PIPE,SC40,BRS
4	24336-PB	TUBE-FTG,ELBOW,1/4Tx1/4NPT,PUSH,BRS
5	63135	VALVE,CHECK,1/4FNPT,1200PSI,BRS
6	21131	VALVE,FLOW-CONTROL,90,1/4Tx1/4MPT






WEEP TUBING: 23965-NE TUBING,.25x.04W,NAT-PE

PICTORIAL PARTS CATALOG		
DESCRIPTION: WEEP MANIFOLD FOAMING WAX		
DWG. NO. 09170162	REV 00	SHEET 1 OF 1
		
VEHICLE WASH SYSTEMS		
PART OF OPW		

ITEM	PART #	DESCRIPTION
1	67702-B	BUSHING,3/8NPTx1/4NPT,BRS
2	67011-4B	NIPPLE,1/4NPTxCLOSE,SC40,BRS
3	67110-4B	TEE,3/8NPT,PIPE,SC40,BRS
4	24336-PB	TUBE-FTG,ELBOW,1/4Tx1/4NPT,PUSH,BRS
5	63135	VALVE,CHECK,1/4FNPT,1200PSI,BRS
6	21131	VALVE,FLOW-CONTROL,90,1/4Tx1/4MPT

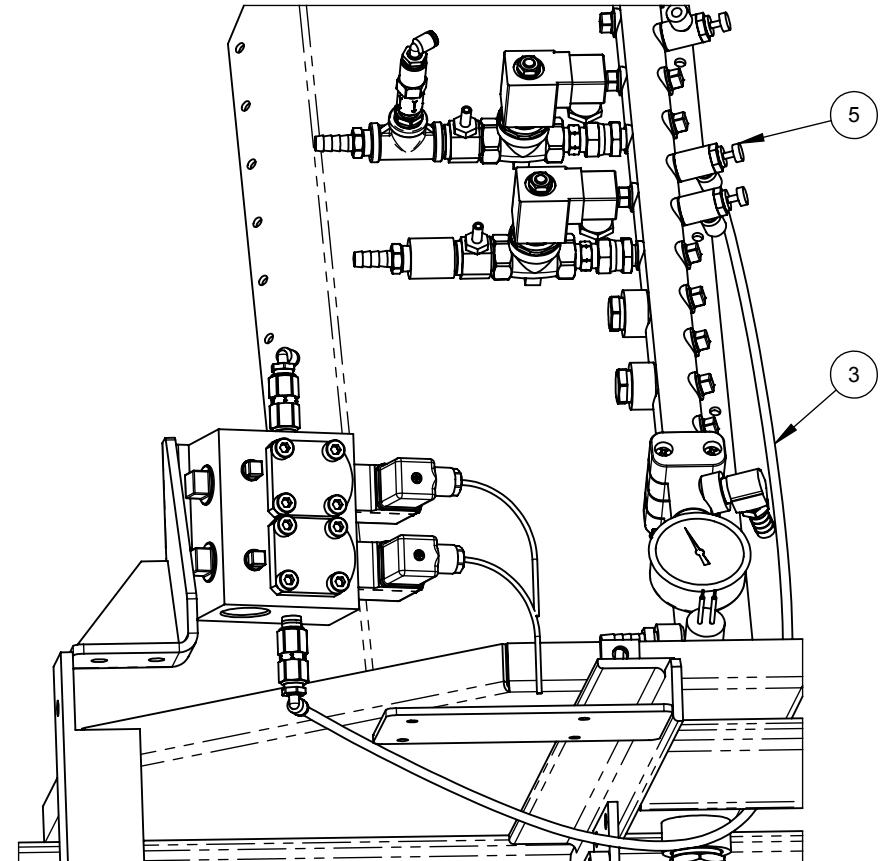
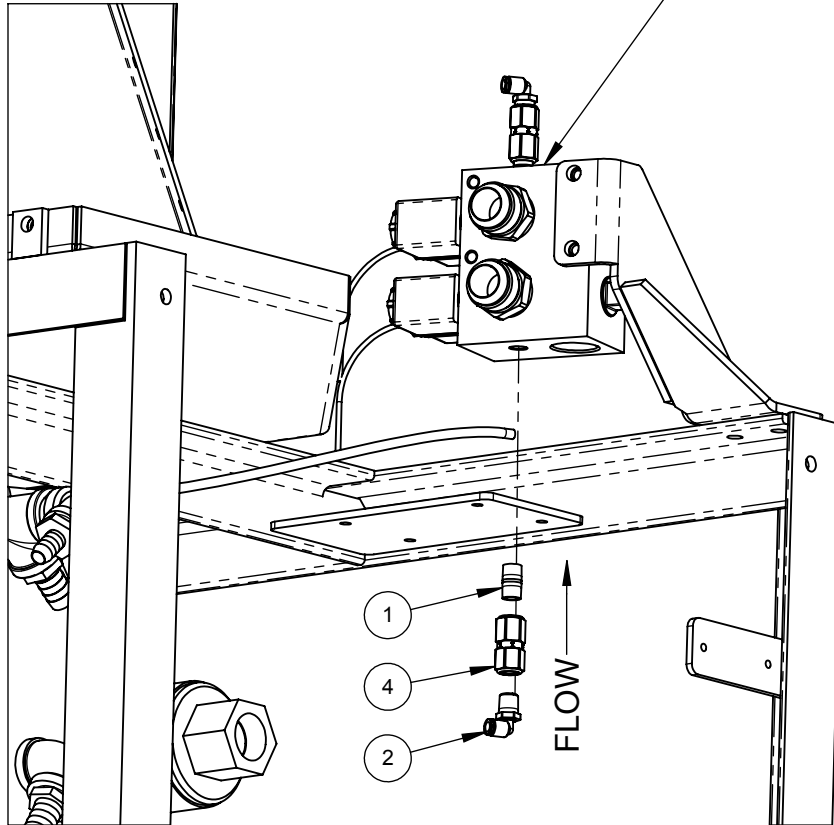


WEEP TUBING: 23965-NE TUBING,.25x.04W,NAT-PE

PICTORIAL PARTS CATALOG		
DESCRIPTION: WEEP MANIFOLD RUST INHIBITOR		
DWG. NO.	REV	SHEET
09170151	00	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	67011-4B	NIPPLE, 1/4NPTxCLOSE, SC40, BRS
2	24336-PB	TUBE-FTG, ELBOW, 1/4Tx1/4NPT, PUSH, BRS
3	23965-NE	TUBING, .25x.04W, NAT-PE
4	63135	VALVE, CHECK, 1/4FNPT, 1200PSI, BRS
5	21131	VALVE, FLOW-CONTROL, 90, 1/4Tx1/4MPT

ARCH/UNDERBODY CONTROL VALVE



PICTORIAL PARTS CATALOG

DESCRIPTION:
MANIFOLD RUST INHIBITOR WEEP

DWG. NO.	REV	SHEET
09170160	00	1 OF 1



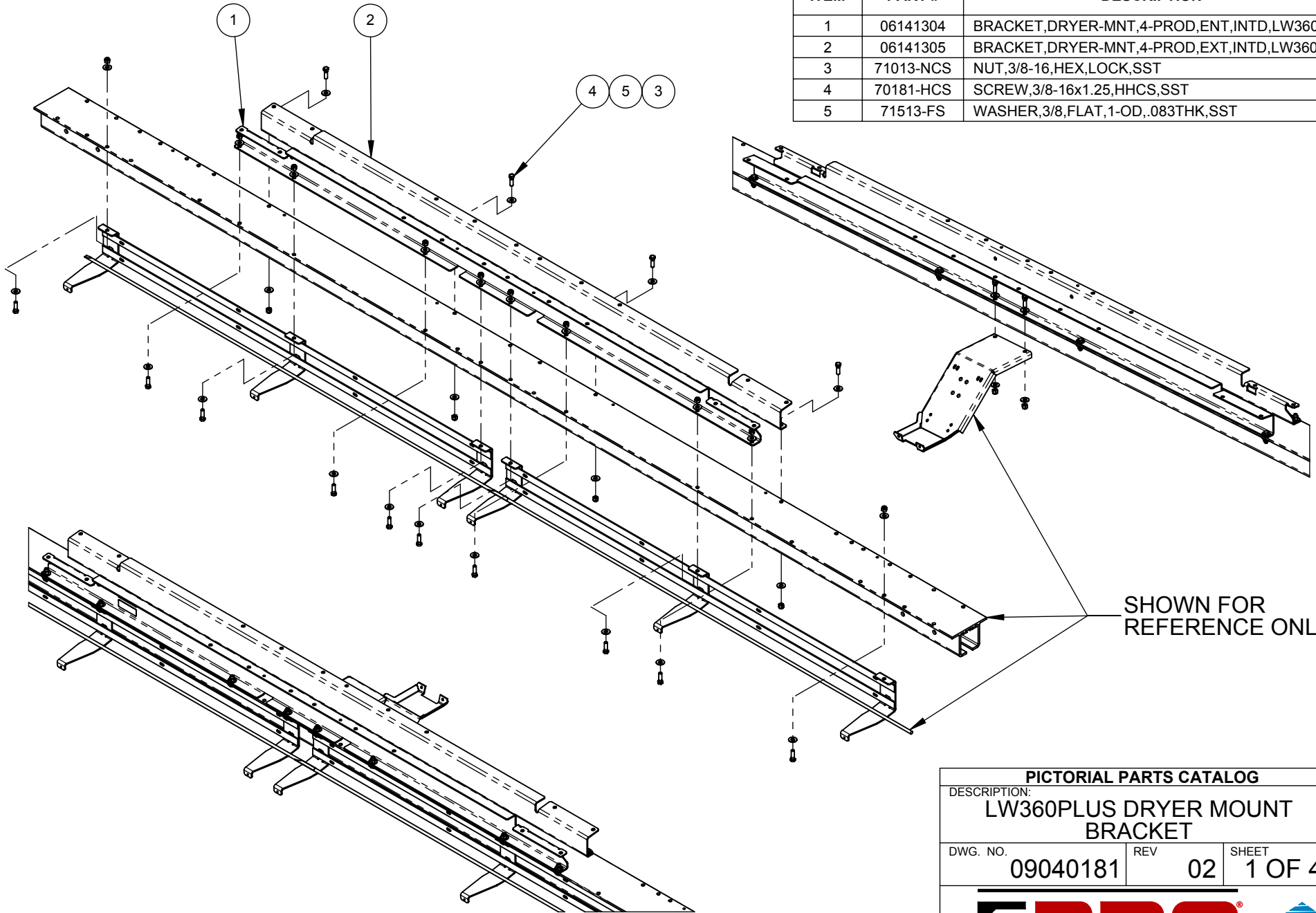
VEHICLE WASH SYSTEMS

PART OF OPW ADOVER COMPANY






Integrated Dryer

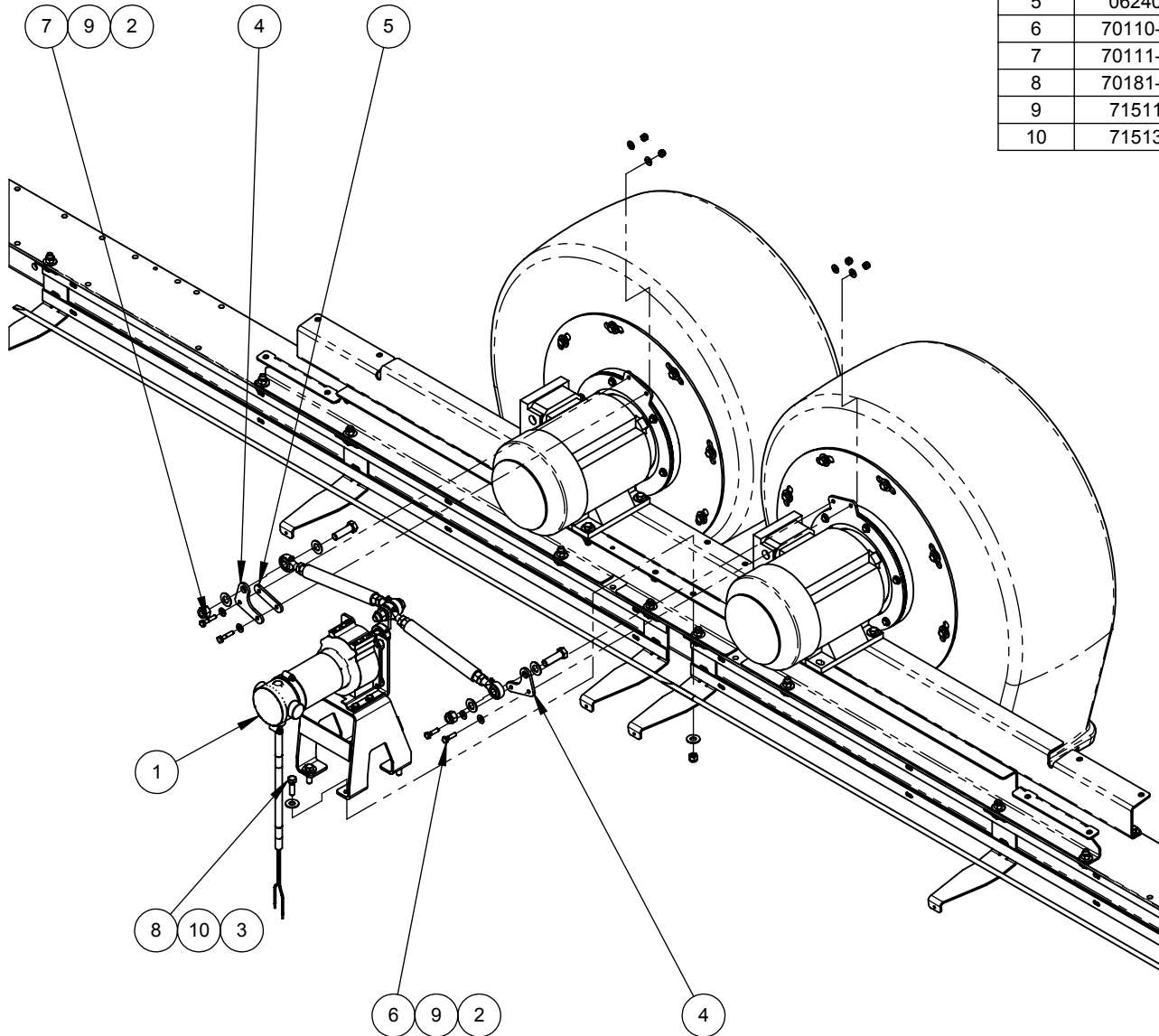
ITEM	PART #	DESCRIPTION
1	06141304	BRACKET, DRYER-MNT, 4-PROD, ENT, INTD, LW360P
2	06141305	BRACKET, DRYER-MNT, 4-PROD, EXT, INTD, LW360P
3	71013-NCS	NUT, 3/8-16, HEX, LOCK, SST
4	70181-HCS	SCREW, 3/8-16x1.25, HHCS, SST
5	71513-FS	WASHER, 3/8, FLAT, 1-OD, .083THK, SST






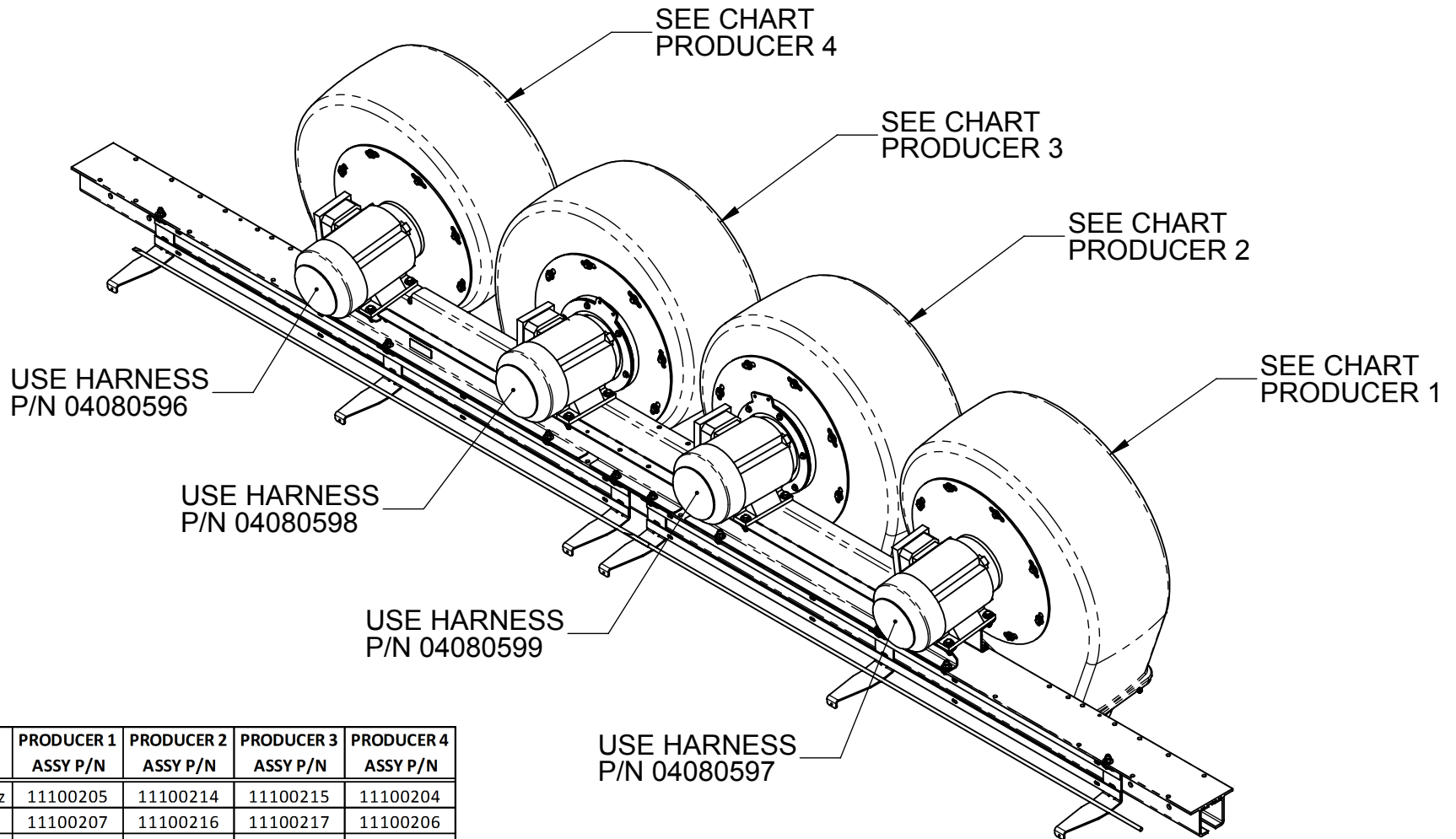
SHOWN FOR REFERENCE ONLY

PICTORIAL PARTS CATALOG		
DESCRIPTION: LW360PLUS DRYER MOUNT BRACKET		
DWG. NO. 09040181	REV 02	SHEET 1 OF 4
		
VEHICLE WASH SYSTEMS		
PART OF OPW		



ITEM	PART #	DESCRIPTION
1	11170128	DRIVE, DRYER-OSCILLATION, SWING-AIR, LW360P
2	71011-NCS	NUT, 1/4-20, HEX, LOCK, SST
3	71013-NCS	NUT, 3/8-16, HEX, LOCK, SST
4	06240578	PLATE, MOUNT, LINK-ARM, SWINGAIR, AL
5	06240583	PLATE, SPACER, LINK-ARM, SWINGAIR, AL
6	70110-HCS	SCREW, 1/4-20x1.00, HHCS, SST
7	70111-HCS	SCREW, 1/4-20x1.25, HHCS, SST
8	70181-HCS	SCREW, 3/8-16x1.25, HHCS, SST
9	71511-FS	WASHER, 1/4, FLAT, SST
10	71513-FS	WASHER, 3/8, FLAT, 1-OD, .083THK, SST

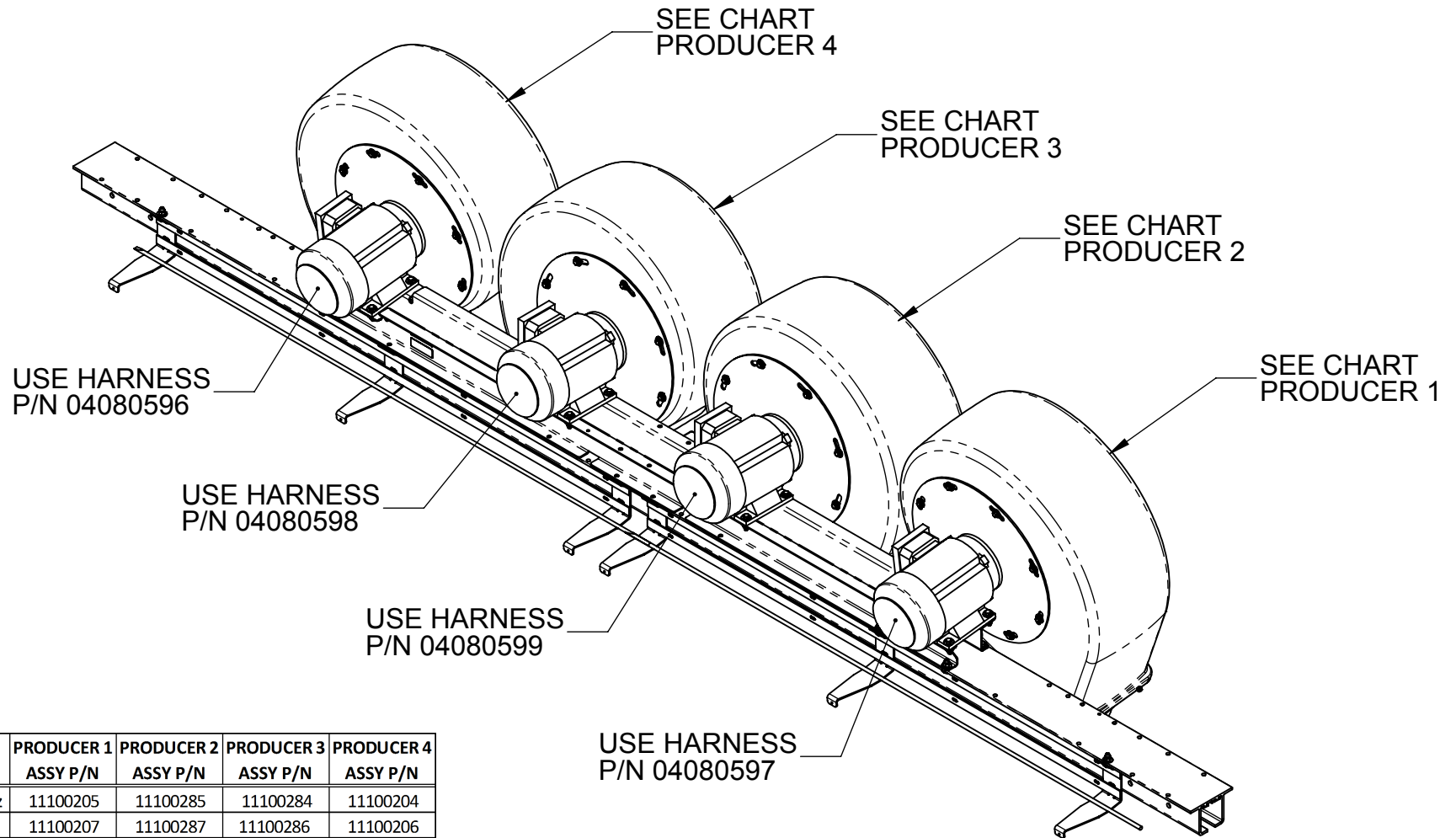


PICTORIAL PARTS CATALOG		
DESCRIPTION: LW360PLUS DRYER SWING AIR LINKAGE ASSEMBLY		
DWG. NO.	REV	SHEET
09040181	02	2 OF 4
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		






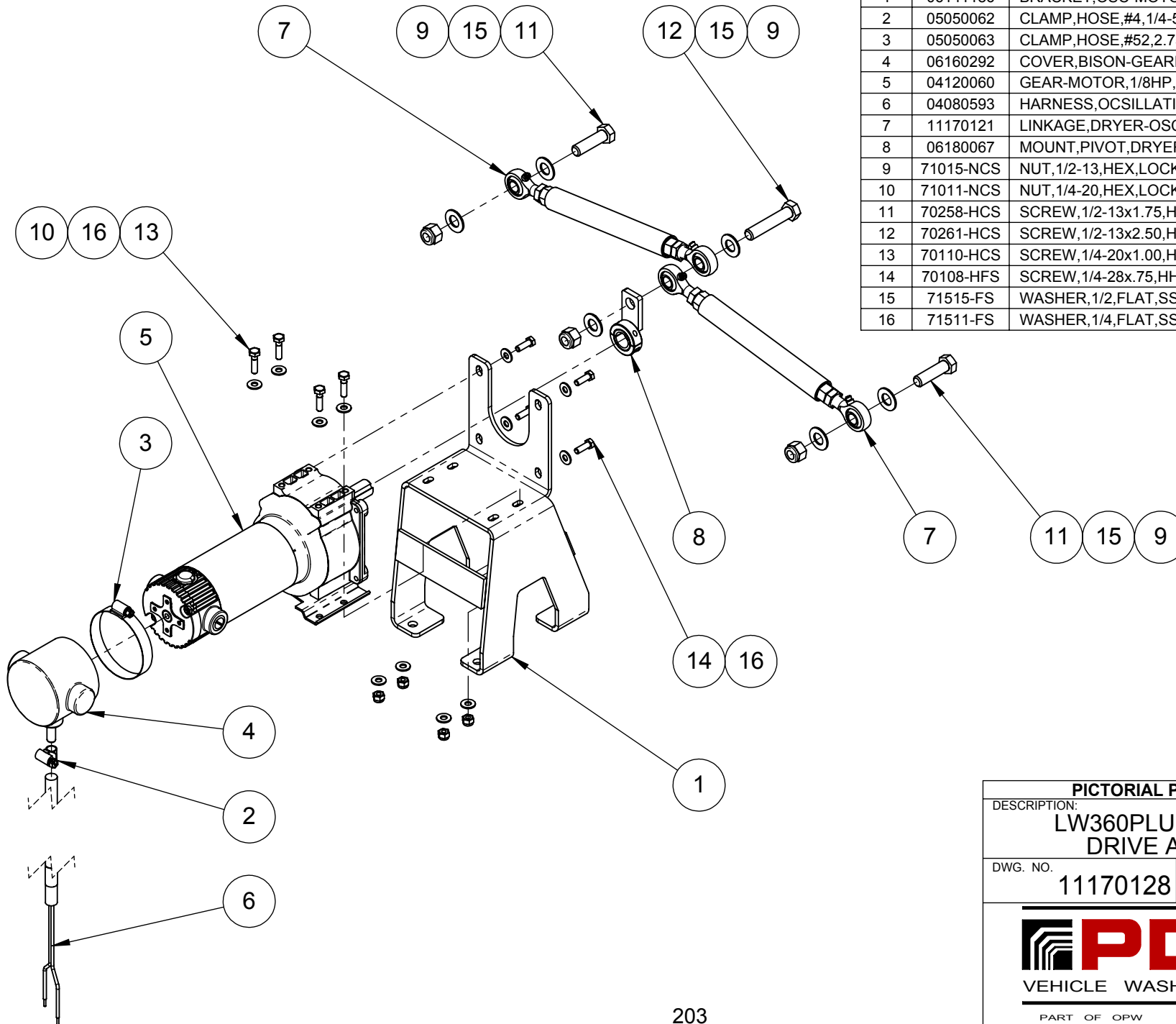
VOLTAGE	PRODUCER 1 ASSY P/N	PRODUCER 2 ASSY P/N	PRODUCER 3 ASSY P/N	PRODUCER 4 ASSY P/N
208/230V - 60Hz	11100205	11100214	11100215	11100204
400V - 50Hz	11100207	11100216	11100217	11100206
460V - 60Hz	11100209	11100218	11100219	11100208
575V - 60Hz	11100211	11100220	11100221	11100210
220V - 50Hz	11100213	11100222	11100223	11100212
400V - 60Hz	11100209	11100218	11100219	11100208
2 PRODUCER MODEL WILL NOT USE OUTSIDE PRODUCERS #1 & #4				
208/230V - 60Hz	N/A	11100214	11100215	N/A
400V - 50Hz	N/A	11100216	11100217	N/A
460V - 60Hz	N/A	11100218	11100219	N/A
575V - 60Hz	N/A	11100220	11100221	N/A
220V - 50Hz	N/A	11100222	11100223	N/A
400V - 60Hz	N/A	11100218	11100219	N/A

PICTORIAL PARTS CATALOG		
DESCRIPTION: LW360PLUS DRYER SWING AIR		
DWG. NO. 09040181	REV 02	SHEET 3 OF 4
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		





VOLTAGE	PRODUCER 1 ASSY P/N	PRODUCER 2 ASSY P/N	PRODUCER 3 ASSY P/N	PRODUCER 4 ASSY P/N
208/230V-60Hz	11100205	11100285	11100284	11100204
400V-50Hz	11100207	11100287	11100286	11100206
460V-60Hz	11100209	11100289	11100288	11100208
575V 60Hz	11100211	11100291	11100290	11100210
220V-50Hz	11100213	11100293	11100292	11100212
400V 60Hz	11100209	11100289	11100288	11100208
2 PRODUCER MODEL WILL NOT USE OUTSIDE DRYER # 1 & 4				
208/230V-60Hz	N/A	11100285	11100284	N/A
400V-50Hz	N/A	11100287	11100286	N/A
460V-60Hz	N/A	11100289	11100288	N/A
575V 60Hz	N/A	11100291	11100290	N/A
220V-50Hz	N/A	11100293	11100292	N/A
400V 60Hz	N/A	11100289	11100288	N/A

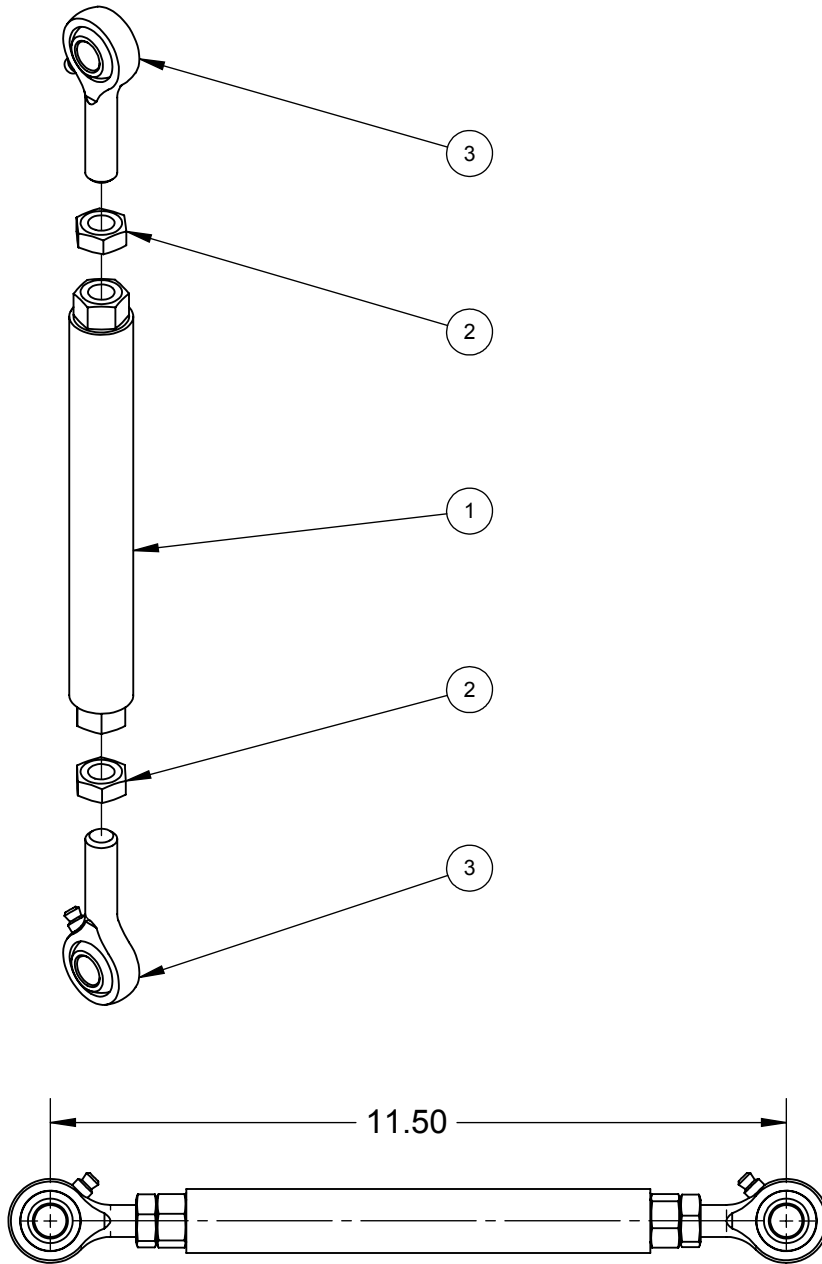
PICTORIAL PARTS CATALOG		
DESCRIPTION: LW360PLUS DRYER NON SWING-AIR		
DWG. NO. 09040197	REV 02	SHEET 4 OF 4
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		





ITEM	PART #	DESCRIPTION
1	06141186	BRACKET,OSC-MOTOR,SST,LW360,TANDEM
2	05050062	CLAMP,HOSE,#4,1/4-5/8,SST
3	05050063	CLAMP,HOSE,#52,2.75-3.75,SST
4	06160292	COVER,BISON-GEARMOTORS,BLACK,VINYL
5	04120060	GEAR-MOTOR,1/8HP,22RPM,24VDC
6	04080593	HARNES,OC SILLATING,DRYER,MTR,LW360PLUS
7	11170121	LINKAGE,DRYER-OSCILLATION,11.5,LW/TANDEM
8	06180067	MOUNT,PIVOT,DRYER-OSCILLATION,SST
9	71015-NCS	NUT,1/2-13,HEX,LOCK,SST
10	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
11	70258-HCS	SCREW,1/2-13x1.75,HHCS,SST
12	70261-HCS	SCREW,1/2-13x2.50,HHCS,SST
13	70110-HCS	SCREW,1/4-20x1.00,HHCS,SST
14	70108-HFS	SCREW,1/4-28x.75,HHCS,SST
15	71515-FS	WASHER,1/2,FLAT,SST,MIL-SPEC
16	71511-FS	WASHER,1/4,FLAT,SST

PICTORIAL PARTS CATALOG		
DESCRIPTION: LW360PLUS SWING-AIR DRIVE ASSEMBLY		
DWG. NO. 11170128	REV 00	SHEET 1 OF 1
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small> 		

ITEM	PART #	DESCRIPTION
1	06190158	ARM, DRYER-OSCILLATION, 11.5, LW/TANDEM
2	71015-JFS	NUT, 1/2-20, HEX, JAM, SST
3	05120046	ROD-END, .50, 1/2-20UNC, MALE, ZINC-PLTD, GRS





PICTORIAL PARTS CATALOG		
DESCRIPTION: OSCILLATING DRYER LINK		
DWG. NO. 11170121	REV 00	SHEET 1 OF 1
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small>		<small>A DOVER COMPANY</small>

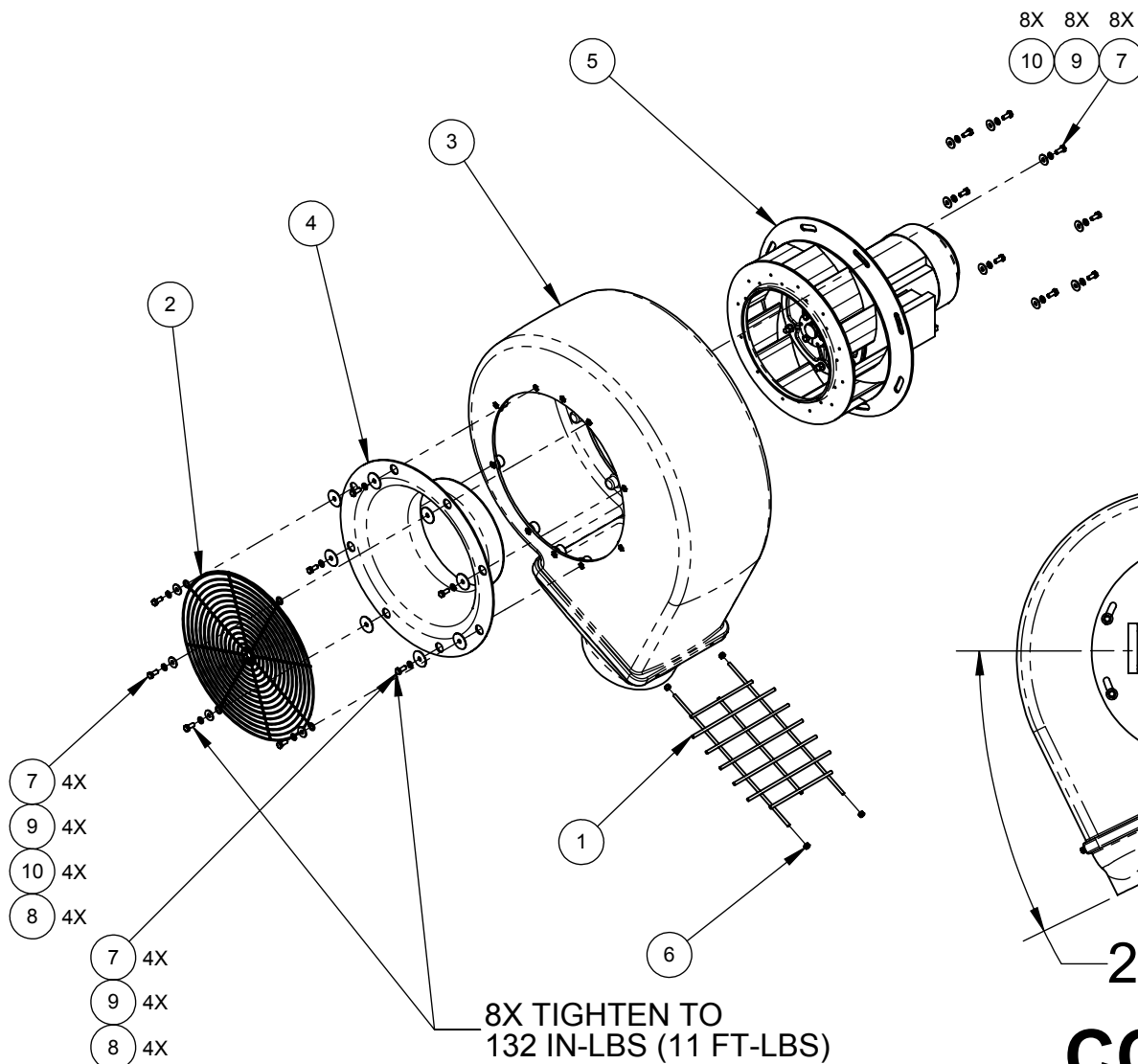
PRODUCER PART NO.	VOLTAGE	IMPELLER ROTATION	MOTOR-IMPELLER PART NO.
11100284	208-230V,60HZ	CCW	11100182
11100285	208-230V,60HZ	CW	11100181
11100286	400V,50HZ	CCW	11100186
11100287	400V,50HZ	CW	11100185
11100288	400-460V,60HZ	CCW	11100266
11100289	400-460V,60HZ	CW	11100265
11100290	575V,60HZ	CCW	11100184
11100291	575V,60HZ	CW	11100183
11100292	220V,50HZ	CCW	11100309
11100293	220V,50HZ	CW	11100310

NOTE:

1. ATTACH INLET CONE 06050043 TO HOUSING. MAKE SURE INLET CONE IS CENTERED INSIDE THE IMPELLER. SPIN IMPELLER TO VERIFY THAT THE INLET CONE IS NOT RUBBING AGAINST THE WHEEL.
2. MOTOR -IMPELLER ASSEMBLY MUST BE REPLACED AS A UNIT AND BE FACTORY BALANCED WHEN ASSEMBLED.

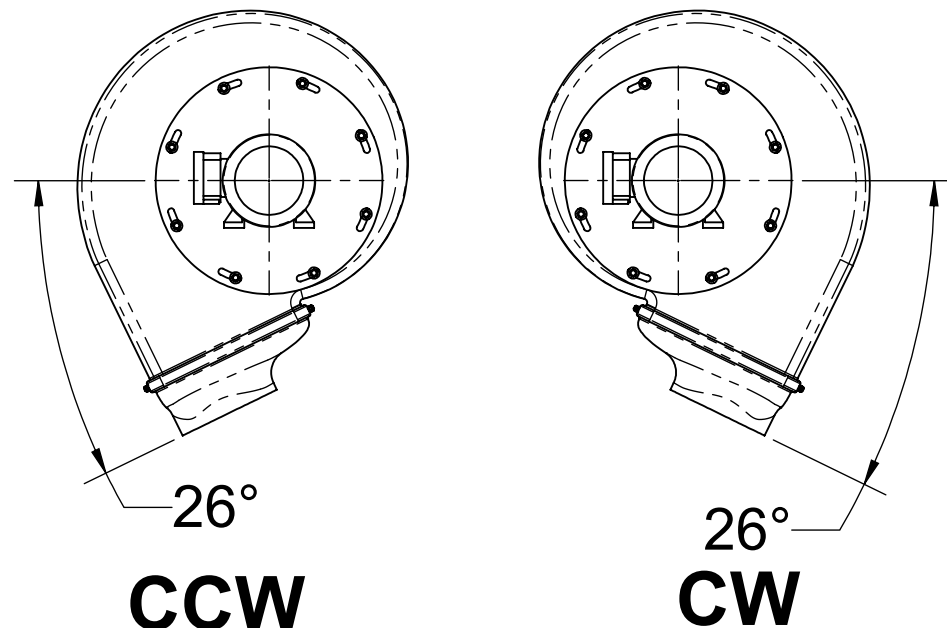
PICTORIAL PARTS CATALOG		
DESCRIPTION: INTEGRATED DRYER OUTER PRODUCER ASSEMBLY		
DWG. NO. 11100283	REV 02	SHEET 1 OF 2
 		
VEHICLE WASH SYSTEMS		
PART OF OPW 		

ITEM	PART #	DESCRIPTION
1	06160195	GUARD,DISCHARGE-SCREEN,DRYER,SST
2	06160237	GUARD,INLET-SCREEN,DRYER,WIRE,SST
3	06050062	HOUSING,BLOWER,INTD,DARK-BLUE
4	06050043	INLET-CONE,MAXAIR,GH,ALUMINUM
5	SEE TABLE	MOTOR-IMPELLER
6	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
7	70143-HCS	SCREW,5/16-18x.75,HHCS,SST
8	05030075	WASHER,5/16,FENDER,1.50OD,.062THK,SST
9	71512-LS	WASHER,5/16,LOCK,SST
10	05030018	WASHER,M8,FENDER,SST



8X TIGHTEN TO
132 IN-LBS (11 FT-LBS)

**COUNTER CLOCKWISE (CCW)
ASSEMBLY SHOWN**



NOTE:

1. ATTACH INLET CONE 06050043 TO HOUSING. MAKE SURE INLET CONE IS CENTERED INSIDE THE IMPELLER. SPIN IMPELLER TO VERIFY THAT THE INLET CONE IS NOT RUBBING AGAINST THE WHEEL.
2. MOTOR -IMPELLER ASSEMBLY MUST BE REPLACED AS A UNIT AND BE FACTORY BALANCED WHEN ASSEMBLED.

PICTORIAL PARTS CATALOG		
DESCRIPTION: INTEGRATED DRYER OUTER PRODUCER ASSEMBLY		
DWG. NO. 11100283	REV 02	SHEET 2 OF 2
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW IDOVER COMPANY</small>		

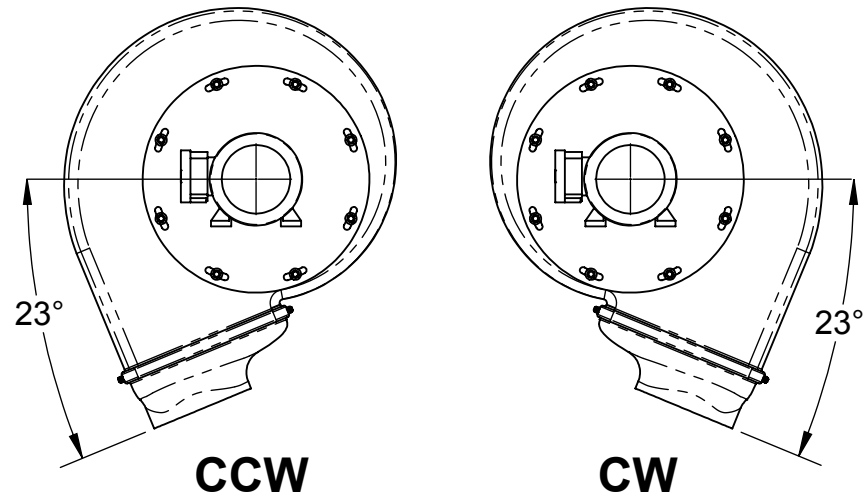
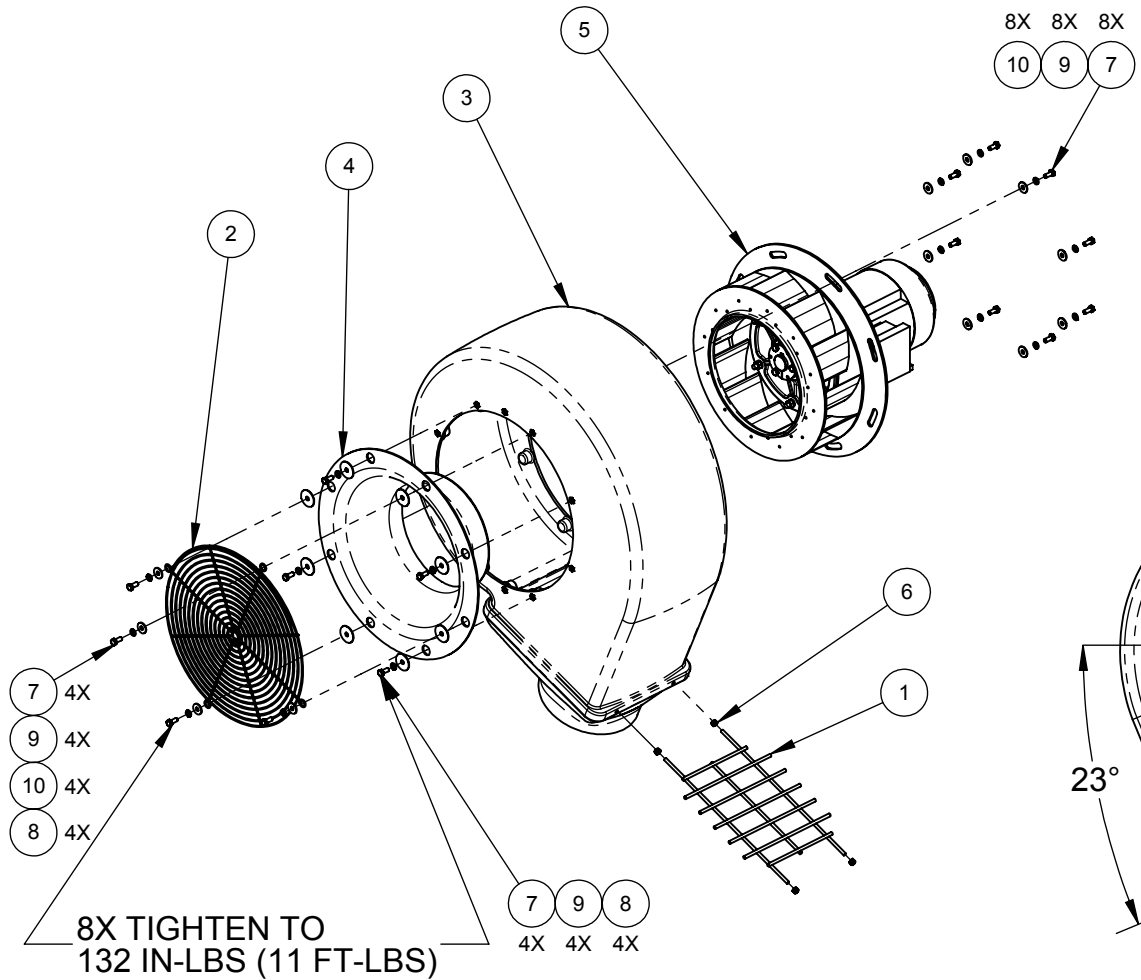
PRODUCER PART NO.	VOLTAGE	IMPELLER ROTATION	MOTOR-IMPELLER PART NO.
11100204	208-230V,60HZ	CCW	11100182
11100205	208-230V,60HZ	CW	11100181
11100206	380V,50HZ	CW	11100185
11100207	380V,50HZ	CCW	11100186
11100208	380/460V,60HZ	CW	11100265
11100209	380/460V,60HZ	CCW	11100266
11100210	575V,60HZ	CW	11100183
11100211	575V,60HZ	CCW	11100184
11100212	220V,50HZ	CW	11100309
11100213	220V,50HZ	CCW	11100310

NOTE:

1. ATTACH INLET CONE 06050043 TO HOUSING. MAKE SURE INLET CONE IS CENTERED INSIDE THE IMPELLER. SPIN IMPELLER TO VERIFY THAT THE INLET CONE IS NOT RUBBING AGAINST THE WHEEL.
2. MOTOR -IMPELLER ASSEMBLY MUST BE REPLACED AS A UNIT AND BE FACTORY BALANCED WHEN ASSEMBLED.

PICTORIAL PARTS CATALOG		
DESCRIPTION: INTEGRATED DRYER FIXED INNER PRODUCER ASSEMBLY		
DWG. NO. 11100204	REV 00	SHEET 1 OF 2
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	06160195	GUARD,DISCHARGE-SCREEN,DRYER,SST
2	06160237	GUARD,INLET-SCREEN,DRYER,WIRE,SST
3	06050062	HOUSING,BLOWER,INTD,DARK-BLUE
4	06050043	INLET-CONE,MAXAIR,GH,ALUMINUM
5	SEE TABLE	MOTOR-IMPELLER
6	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
7	70143-HCS	SCREW,5/16-18x.75,HHCS,SST
8	05030075	WASHER,5/16,FENDER,1.50OD,.062THK,SST
9	71512-LS	WASHER,5/16,LOCK,SST
10	05030018	WASHER,M8,FENDER,SST



**COUNTER CLOCKWISE (CCW)
ASSEMBLY SHOWN**

- NOTE:
1. ATTACH INLET CONE 06050043 TO HOUSING. MAKE SURE INLET CONE IS CENTERED INSIDE THE IMPELLER. SPIN IMPELLER TO VERIFY THAT THE INLET CONE IS NOT RUBBING AGAINST THE WHEEL.
 2. MOTOR -IMPELLER ASSEMBLY MUST BE REPLACED AS A UNIT AND BE FACTORY BALANCED WHEN ASSEMBLED.

208

PICTORIAL PARTS CATALOG

DESCRIPTION:
**INTEGRATED DRYER FIXED INNER
PRODUCER ASSEMBLY**

DWG. NO.	REV	SHEET
11100204	00	2 OF 2




VEHICLE WASH SYSTEMS



PART OF OPW  COMPANY

PRODUCER PART NO.	VOLTAGE	IMPELLER ROTATION	MOTOR-IMPELLER PART NO.
11100214	208-230V,60HZ	CW	11100160
11100215	208-230V,60HZ	CCW	11100224
11100216	400V,50HZ	CW	11100228
11100217	400V,50HZ	CCW	11100229
11100218	400-460V,60HZ	CW	11100269
11100219	400-460V,60HZ	CCW	11100270
11100220	575V,60HZ	CW	11100226
11100221	575V,60HZ	CCW	11100227
11100222	220V,50HZ	CW	11100228
11100223	220V,50HZ	CCW	11100229

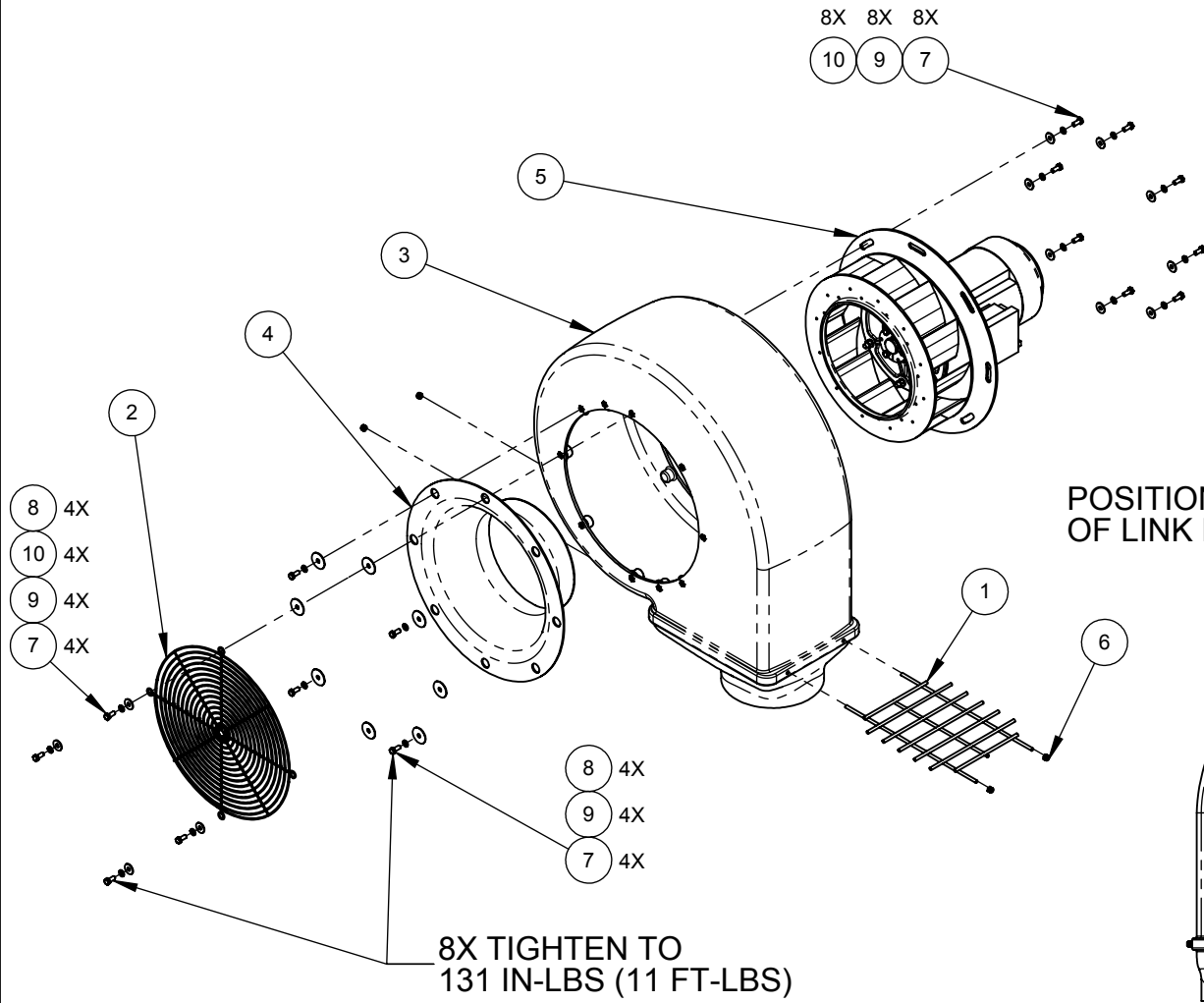
NOTE:

1. ATTACH INLET CONE 06050043 TO HOUSING. MAKE SURE INLET CONE IS CENTERED INSIDE THE IMPELLER. SPIN IMPELLER TO VERIFY THAT THE INLET CONE IS NOT RUBBING AGAINST THE WHEEL.
2. MOTOR -IMPELLER ASSEMBLY MUST BE REPLACED AS A UNIT AND BE FACTORY BALANCED WHEN ASSEMBLED.

209

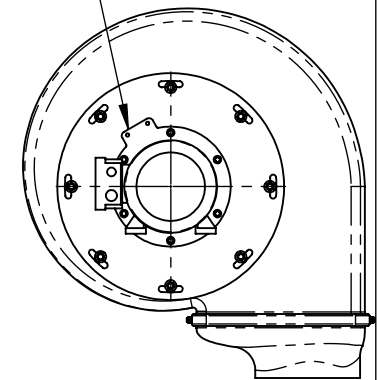
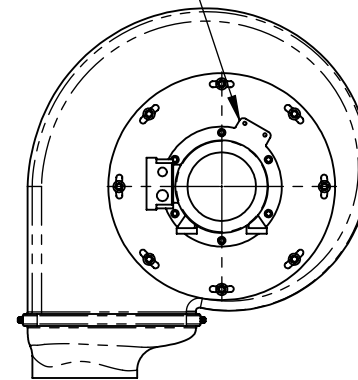
PICTORIAL PARTS CATALOG		
DESCRIPTION: INTEGRATED DRYER OSCILLATING INNER PRODUCER ASSEMBLY		
DWG. NO. 11100214	REV 00	SHEET 1 OF 2
 		
VEHICLE WASH SYSTEMS		
PART OF OPW  COMPANY		

ITEM	PART #	DESCRIPTION
1	06160195	GUARD,DISCHARGE-SCREEN,DRYER,SST
2	06160237	GUARD,INLET-SCREEN,DRYER,WIRE,SST
3	06050062	HOUSING,BLOWER,INTD,DARK-BLUE
4	06050043	INLET-CONE,MAXAIR,GH,ALUMINUM
5	SEE TABLE	MOTOR-IMPELLER
6	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
7	70143-HCS	SCREW,5/16-18x.75,HHCS,SST
8	05030075	WASHER,5/16,FENDER,1.50OD,.062THK,SST
9	71512-LS	WASHER,5/16,LOCK,SST
10	05030018	WASHER,M8,FENDER,SST



POSITION OF LINK MNT

POSITION OF LINK MNT



CCW

CW


NOTE:

1. ATTACH INLET CONE 06050043 TO HOUSING. MAKE SURE INLET CONE IS CENTERED INSIDE THE IMPELLER. SPIN IMPELLER TO VERIFY THAT THE INLET CONE IS NOT RUBBING AGAINST THE WHEEL.
2. MOTOR -IMPELLER ASSEMBLY MUST BE REPLACED AS A UNIT AND BE FACTORY BALANCED WHEN ASSEMBLED.


PICTORIAL PARTS CATALOG

DESCRIPTION:
INTEGRATED DRYER OSCILLATING INNER PRODUCER ASSEMBLY

DWG. NO.	REV	SHEET
11100214	00	2 OF 2



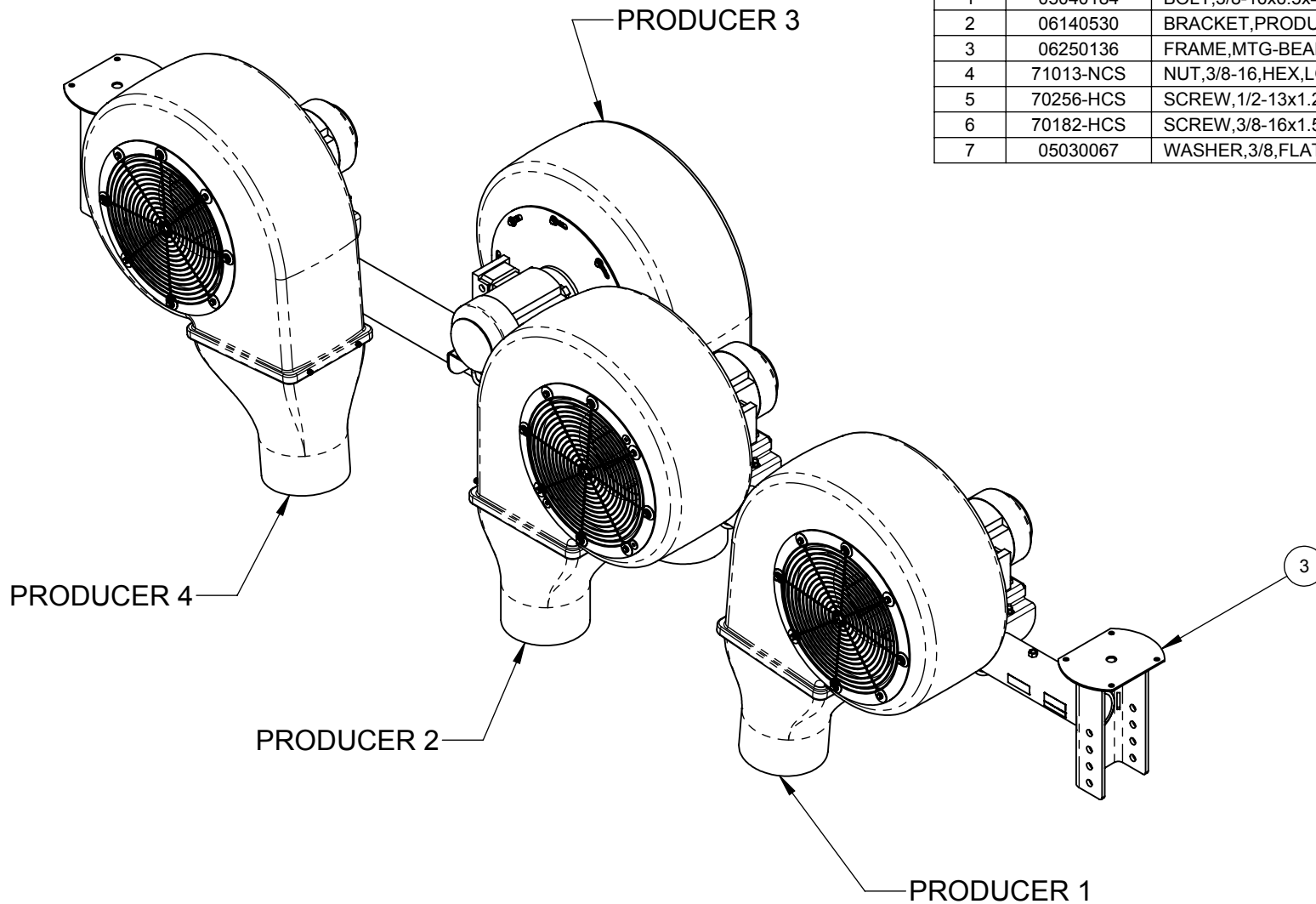

VEHICLE WASH SYSTEMS

PART OF OPW  COMPANY



Stand Alone Dryer

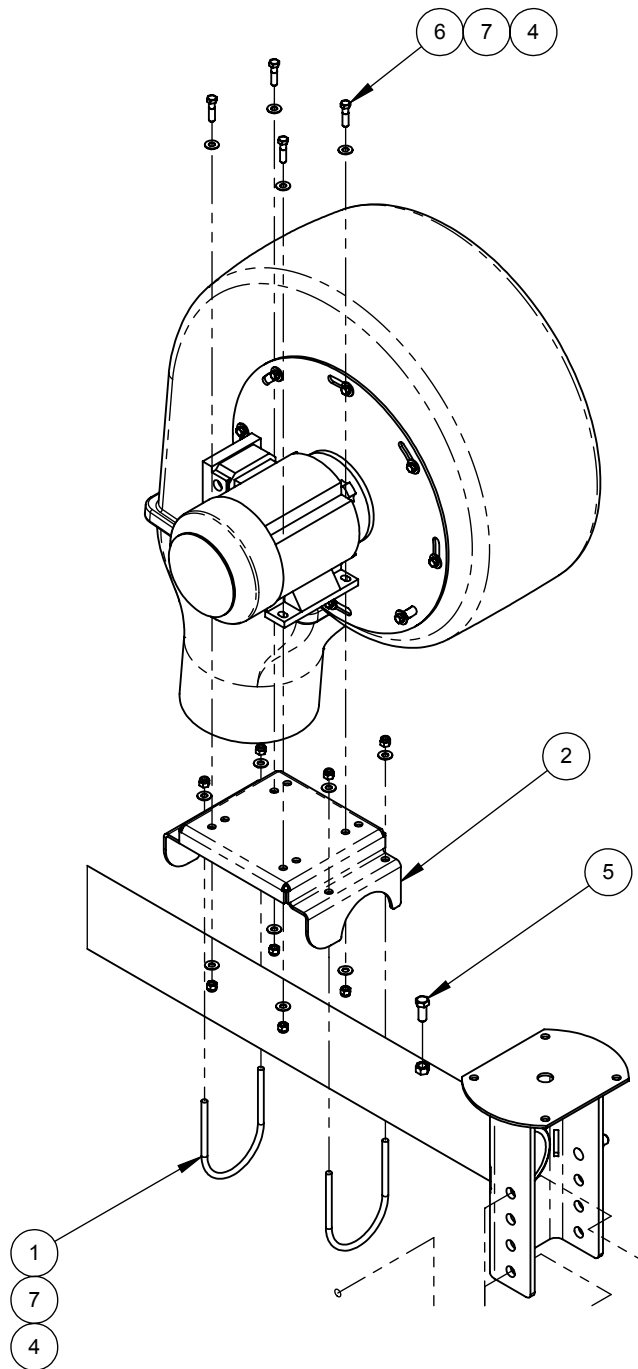
ITEM	PART #	DESCRIPTION
1	05040184	BOLT,3/8-16x6.5x4.61W,U-BOLT,SST
2	06140530	BRACKET,PRODUCER-MOUNT,SA,MA,LAFERT
3	06250136	FRAME,MTG-BEAM,DRYER,SA,MA
4	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
5	70256-HCS	SCREW,1/2-13x1.25,HHCS,SST
6	70182-HCS	SCREW,3/8-16x1.50,HHCS,SST
7	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST



MODEL #	DRYER SUPPLY POWER	PRODUCER 1-3 PART NUMBER	PRODUCER 4 PART NUMBER
09040022	208/230V - 60HZ	11100084	11100085
09040025	575V - 60HZ	11100086	11100087
09040035	380V - 50HZ	11100095	11100096
09040177	380/460V - 60HZ	11100261	11100262
09040210	220V - 50HZ	11100307	11100308

213

PICTORIAL PARTS CATALOG		
DESCRIPTION: STAND ALONE DRYER		
DWG. NO. 09040176	REV 03	SHEET 1 OF 2
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW</small> 		



PRODUCER MOUNTING

PICTORIAL PARTS CATALOG		
DESCRIPTION: STAND ALONE DRYER		
DWG. NO.	REV	SHEET
09040176	03	2 OF 2
 VEHICLE WASH SYSTEMS		
PART OF OPW		

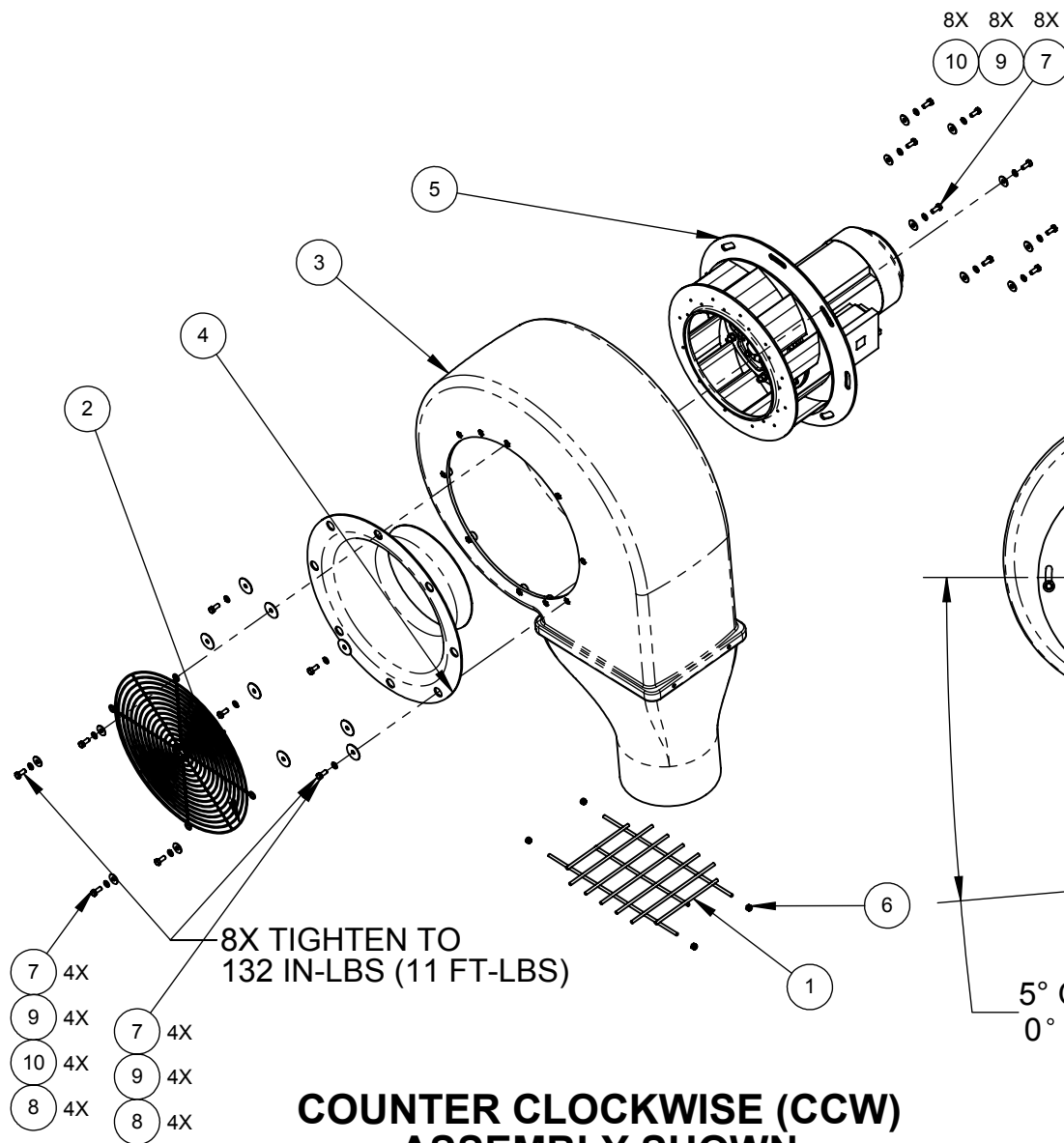
PRODUCER PART NO.	VOLTAGE	IMPELLER ROTATION	MOTOR-IMPELLER PART NO.
11100084	208/230V - 60HZ	CW	11100072
11100085	208/230V - 60HZ	CCW	11100073
11100086	575V - 60 HZ	CW	11100076
11100087	575V - 60 HZ	CCW	11100077
11100095	400V - 50HZ	CW	11100093
11100096	400V - 50HZ	CCW	11100099
11100261	400/460V - 60 HZ	CW	11100257
11100262	400/460V - 60 HZ	CCW	11100258
11100307	220V - 50HZ	CW	11100304
11100308	220V - 50HZ	CCW	11100305

NOTE:

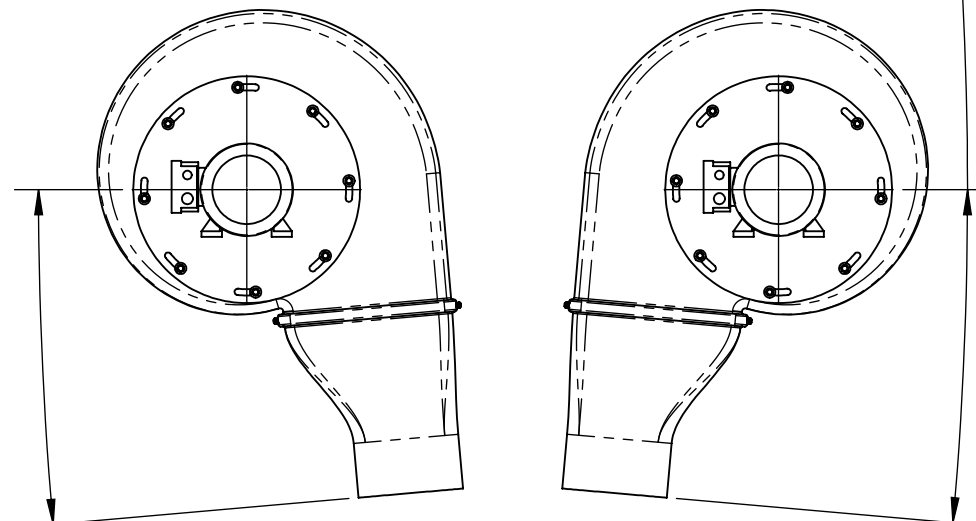
1. ATTACH INLET CONE 06050043 TO HOUSING. MAKE SURE INLET CONE IS CENTERED INSIDE THE IMPELLER. SPIN IMPELLER TO VERIFY THAT THE INLET CONE IS NOT RUBBING AGAINST THE WHEEL.
2. MOTOR -IMPELLER ASSEMBLY MUST BE REPLACED AS A UNIT AND BE FACTORY BALANCED WHEN ASSEMBLED.

PICTORIAL PARTS CATALOG		
DESCRIPTION: FIXED PRODUCER ASSEMBLY, STAND ALONE DRYER		
DWG. NO. 11100083	REV 06	SHEET 1 OF 2
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	06160195	GUARD,DISCHARGE-SCREEN,DRYER,SST
2	06160237	GUARD,INLET-SCREEN,DRYER,WIRE,SST
3	06050065	HOUSING,BLOWER,SA,MAX-AIR,DARK-BLUE
4	06050043	INLET-CONE,MAXAIR,GH,ALUMINUM
5	SEE TABLE	MOTOR-IMPELLER
6	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
7	70143-HCS	SCREW,5/16-18x.75,HHCS,SST
8	05030075	WASHER,5/16,FENDER,1.50OD,.062THK,SST
9	71512-LS	WASHER,5/16,LOCK,SST
10	05030018	WASHER,M8,FENDER,SST



5° OUTER PRODUCERS
0° INNER PRODUCERS



CW

CCW

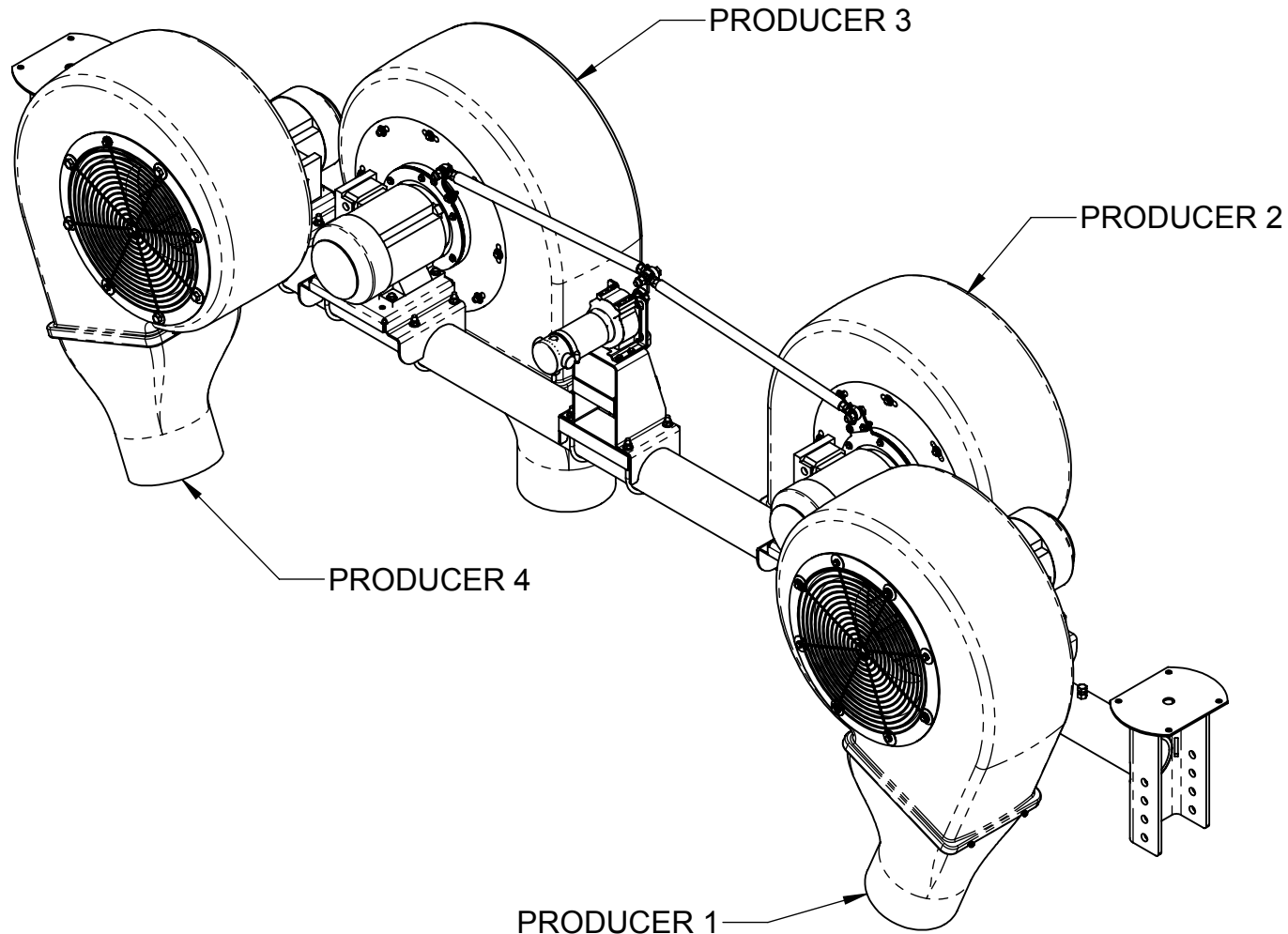
5° OUTER PRODUCERS
0° INNER PRODUCERS

**COUNTER CLOCKWISE (CCW)
ASSEMBLY SHOWN**

NOTE:

- ATTACH INLET CONE 06050043 TO HOUSING. MAKE SURE INLET CONE IS CENTERED INSIDE THE IMPELLER. SPIN IMPELLER TO VERIFY THAT THE INLET CONE IS NOT RUBBING AGAINST THE WHEEL.
- MOTOR -IMPELLER ASSEMBLY MUST BE REPLACED AS A UNIT AND BE FACTORY BALANCED WHEN ASSEMBLED.

PICTORIAL PARTS CATALOG		
DESCRIPTION: FIXED PRODUCER ASSEMBLY, STAND ALONE DRYER		
DWG. NO. 11100083	REV 06	SHEET 2 OF 2
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small> 		





MODEL #	DRYER SUPPLY VOLTAGE	PRODUCER 1 ASSY P/N	PRODUCER 2 ASSY P/N	PRODUCER 3 ASSY P/N	PRODUCER 4 ASSY P/N
09040147	575V - 60HZ	11100191	11100177	11100176	11100190
09040148	380V - 50Hz	11100193	11100179	11100178	11100192
09040149	208/230V - 60HZ	11100189	11100175	11100174	11100188
09040180	380/460V - 60HZ	11100268	11100272	11100271	11100267
09040211	220V - 50HZ	11100314	11100312	11100311	11100313


PICTORIAL PARTS CATALOG

DESCRIPTION:
STAND ALONE DRYER-SWINGAIR

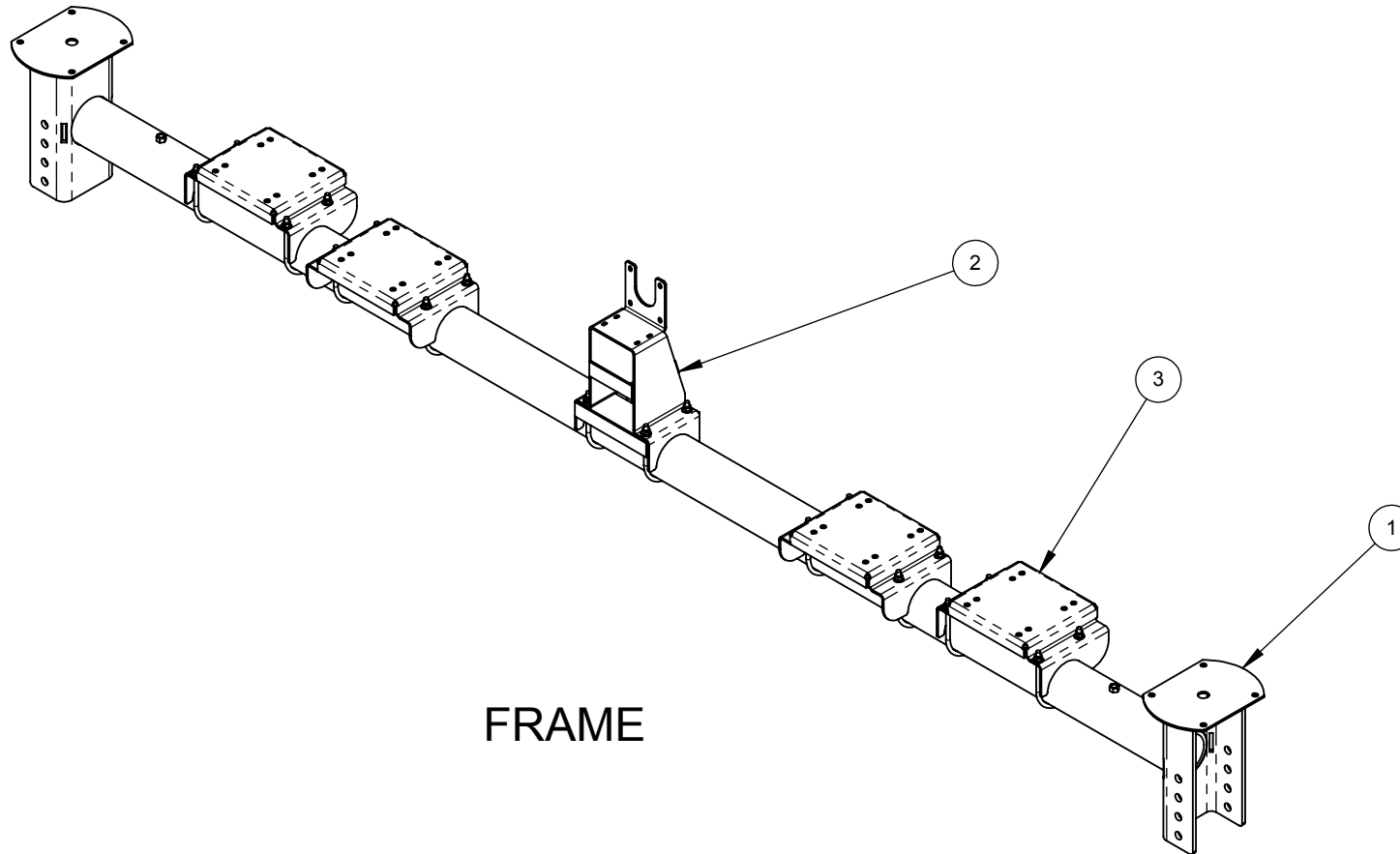
DWG. NO.	REV	SHEET
09040133	07	1 OF 5




VEHICLE WASH SYSTEMS

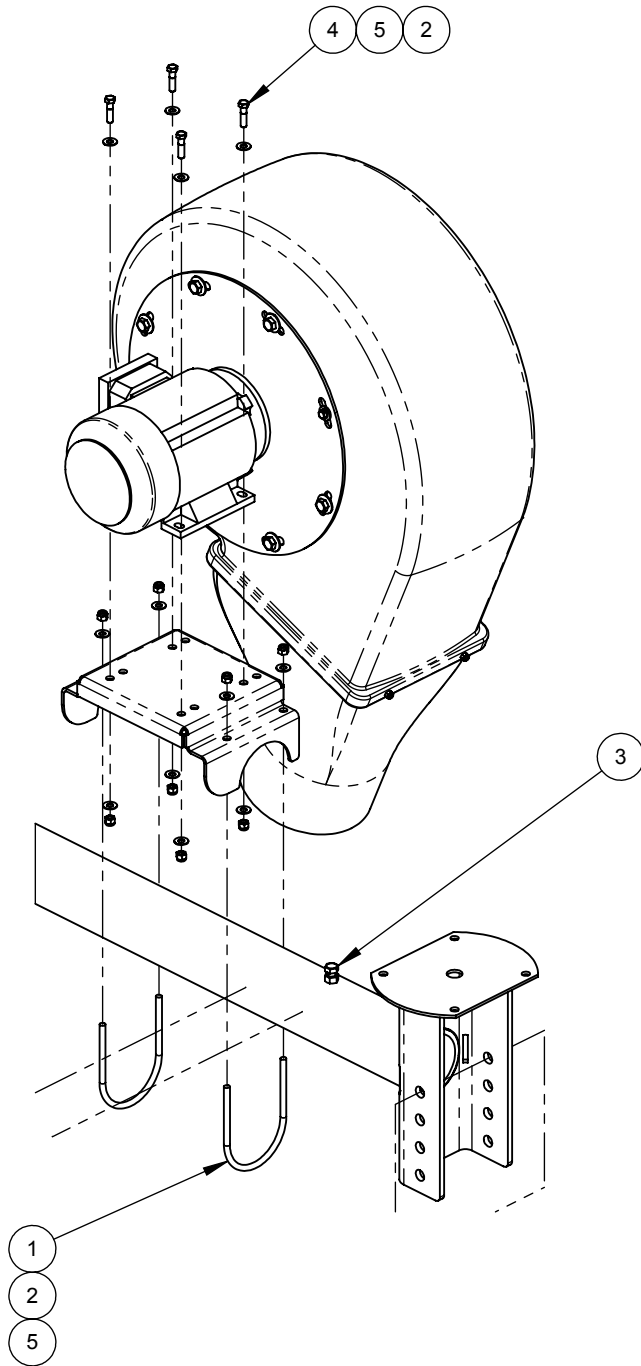
PART OF OPW  COMPANY

ITEM	PART #	DESCRIPTION
1	06250136	FRAME,MTG-BEAM,DRYER,SA,MA
2	06141196	BRACKET,OSC-MOTOR,SST,STAND-ALONE
3	06140530	BRACKET,PRODUCER-MOUNT,SA,MA,LAFERT






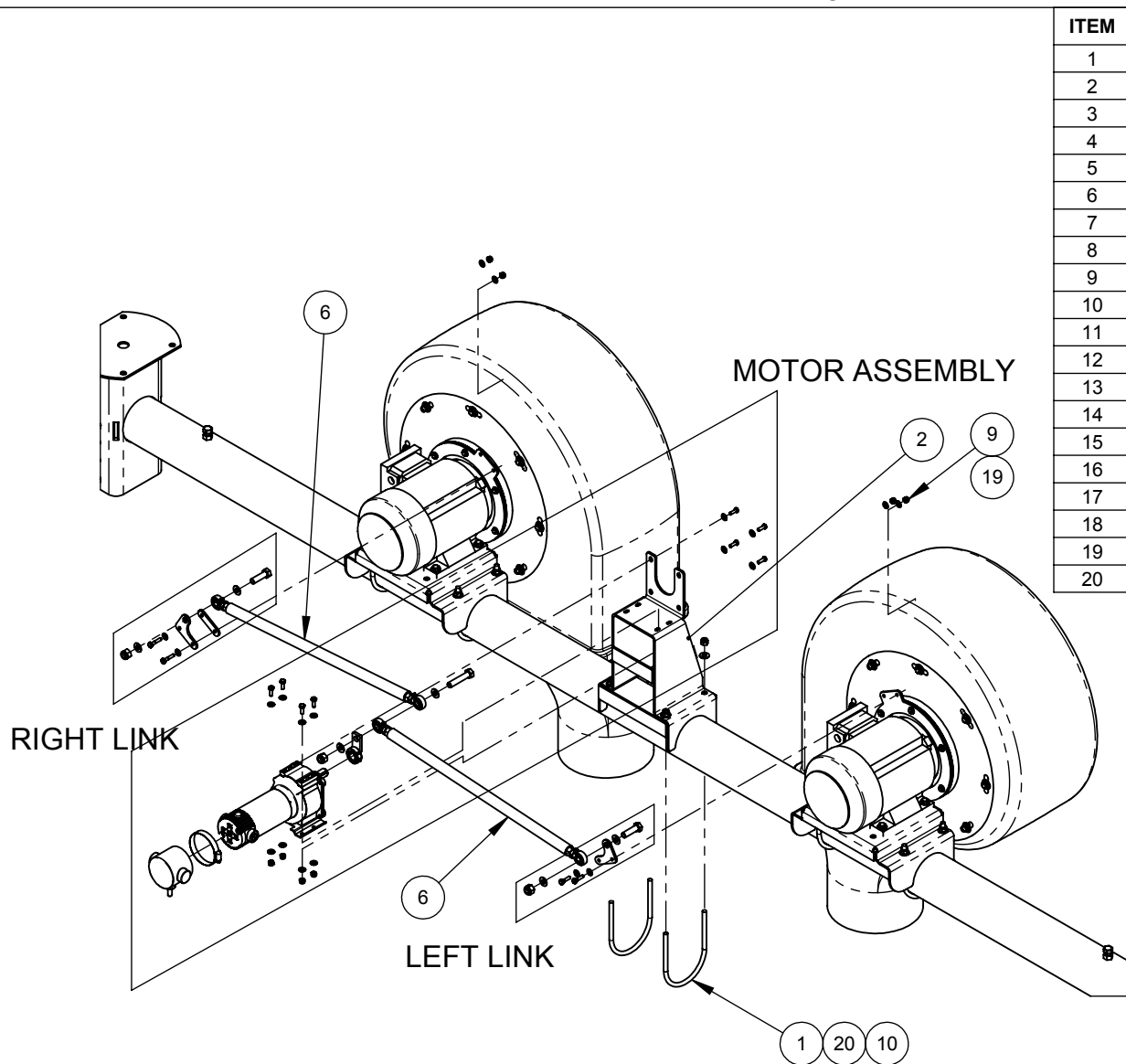
FRAME

PICTORIAL PARTS CATALOG		
DESCRIPTION: STAND ALONE DRYER-SWINGAIR		
DWG. NO.	REV	SHEET
09040133	07	2 OF 5
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		



ITEM	PART #	DESCRIPTION
1	05040184	BOLT,3/8-16x6.5x4.61W,U-BOLT,SST
2	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
3	70256-HCS	SCREW,1/2-13x1.25,HHCS,SST
4	70182-HCS	SCREW,3/8-16x1.50,HHCS,SST
5	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST

PICTORIAL PARTS CATALOG		
DESCRIPTION: STAND ALONE DRYER-SWINGAIR		
DWG. NO.	REV	SHEET
09040133	07	3 OF 5
		
VEHICLE WASH SYSTEMS		
PART OF OPW		



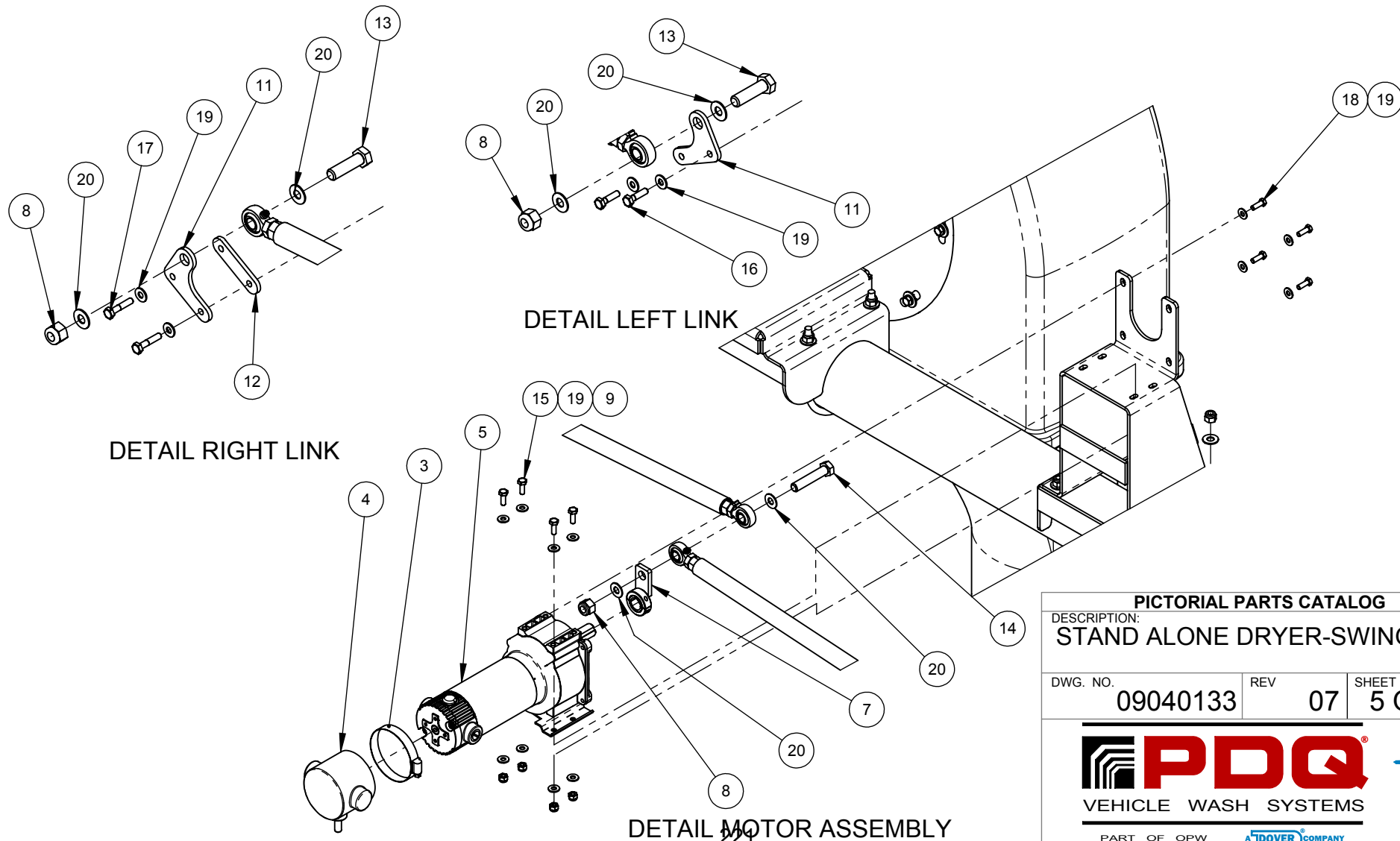
ITEM	PART #	DESCRIPTION
1	05040184	BOLT,3/8-16x6.5x4.61W,U-BOLT,SST
2	06141196	BRACKET,OSC-MOTOR,SST,STAND-ALONE
3	05050063	CLAMP,HOSE,#52,2.75-3.75,SST
4	06160292	COVER,BISON-GEARMOTORS,BLACK,VINYL
5	04120060	GEAR-MOTOR,1/8HP,22RPM,24VDC
6	11170122	LINKAGE,DRYER-OSCILLATION,26.6,STAND-ALN
7	06180067	MOUNT,PIVOT,DRYER-OSCILLATION,SST
8	71015-NCS	NUT,1/2-13,HEX,LOCK,SST
9	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
10	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
11	06240578	PLATE,MOUNT,LINK-ARM,SWINGAIR,AL
12	06240583	PLATE,SPACER,LINK-ARM,SWINGAIR,AL
13	70258-HCS	SCREW,1/2-13x1.75,HHCS,SST
14	70261-HCS	SCREW,1/2-13x2.50,HHCS,SST
15	70108-HCS	SCREW,1/4-20x.75,HHCS,SST
16	70110-HCS	SCREW,1/4-20x1.00,HHCS,SST
17	70111-HCS	SCREW,1/4-20x1.25,HHCS,SST
18	70108-HFS	SCREW,1/4-28x.75,HHCS,SST
19	71511-FS	WASHER,1/4,FLAT,SST
20	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST

PICTORIAL PARTS CATALOG		
DESCRIPTION: STAND ALONE DRYER-SWINGAIR		
DWG. NO. 09040133	REV 07	SHEET 4 OF 5
VEHICLE WASH SYSTEMS		
PART OF OPW		

CONFIDENTIAL

ITEM	PART #	DESCRIPTION
1	05040184	BOLT,3/8-16x6.5x4.61W,U-BOLT,SST
2	06141196	BRACKET,OSC-MOTOR,SST,STAND-ALONE
3	05050063	CLAMP,HOSE,#52,2.75-3.75,SST
4	06160292	COVER,BISON-GEARMOTORS,BLACK,VINYL
5	04120060	GEAR-MOTOR,1/8HP,22RPM,24VDC
6	11170122	LINKAGE,DRYER-OSCILLATION,26.6,STAND-ALN
7	06180067	MOUNT,PIVOT,DRYER-OSCILLATION,SST
8	71015-NCS	NUT,1/2-13,HEX,LOCK,SST
9	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
10	71013-NCS	NUT,3/8-16,HEX,LOCK,SST



ITEM	PART #	DESCRIPTION
11	06240578	PLATE,MOUNT,LINK-ARM,SWINGAIR,AL
12	06240583	PLATE,SPACER,LINK-ARM,SWINGAIR,AL
13	70258-HCS	SCREW,1/2-13x1.75,HHCS,SST
14	70261-HCS	SCREW,1/2-13x2.50,HHCS,SST
15	70108-HCS	SCREW,1/4-20x.75,HHCS,SST
16	70110-HCS	SCREW,1/4-20x1.00,HHCS,SST
17	70111-HCS	SCREW,1/4-20x1.25,HHCS,SST
18	70108-HFS	SCREW,1/4-28x.75,HHCS,SST
19	71511-FS	WASHER,1/4,FLAT,SST
20	05030067	WASHER,3/8,FLAT,7/8-OD,.050THK,SST




PICTORIAL PARTS CATALOG

DESCRIPTION:
STAND ALONE DRYER-SWINGAIR

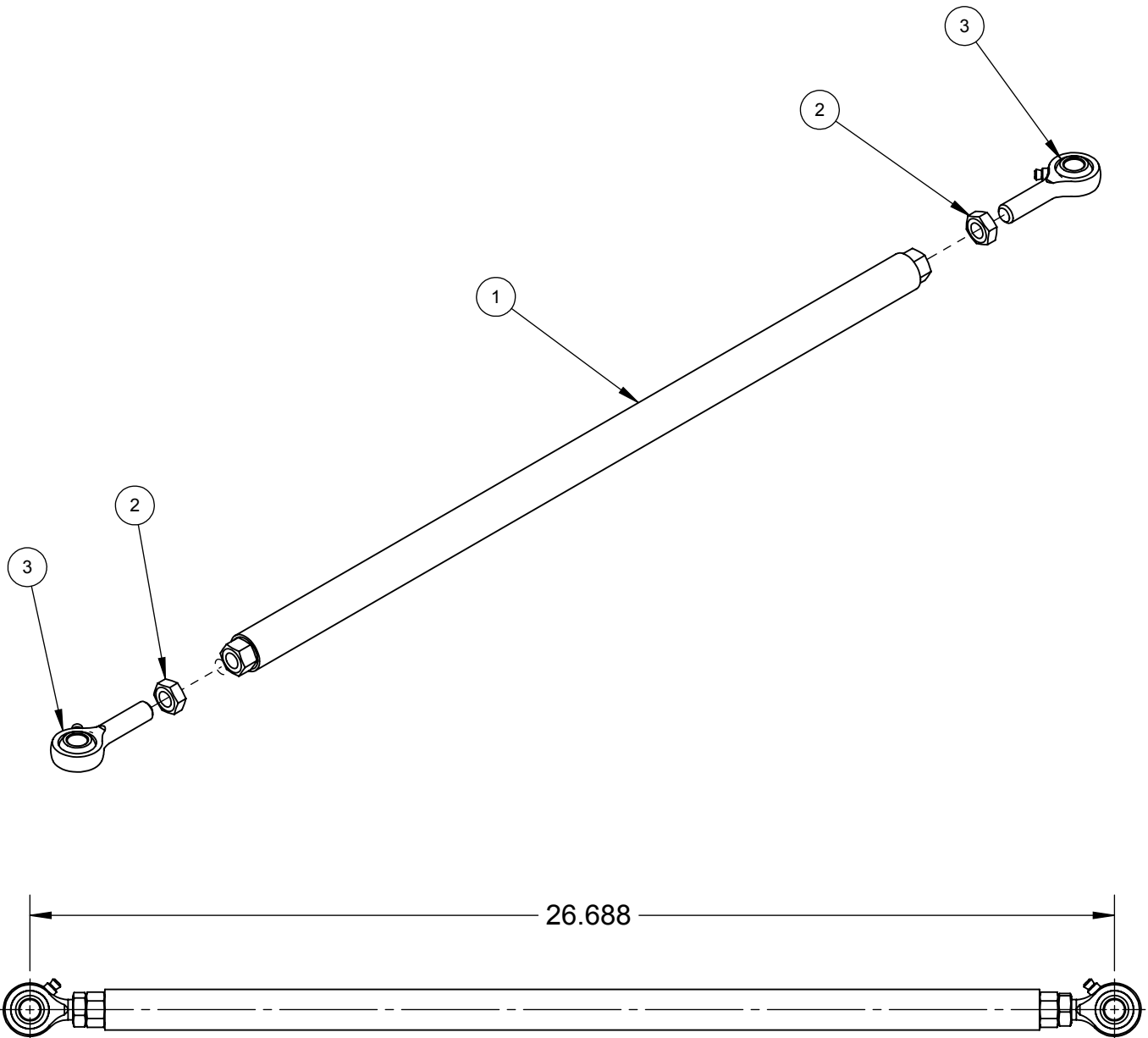
DWG. NO.	REV	SHEET
09040133	07	5 OF 5

VEHICLE WASH SYSTEMS

PART OF OPW  COMPANY

ITEM	PART #	DESCRIPTION
1	06190159	ARM, DRYER-OSCILLATION, STAND-ALONE
2	71015-JFS	NUT, 1/2-20, HEX, JAM, SST
3	05120046	ROD-END, .50, 1/2-20UNC, MALE, ZINC-PLTD, GRS



PICTORIAL PARTS CATALOG

DESCRIPTION:
**OSCILLATION LINK STAND ALONE
 DRYER**

DWG. NO.	REV	SHEET
11170122	00	1 OF 1

PDQ
 VEHICLE WASH SYSTEMS

PART OF OPW **DOVER** COMPANY

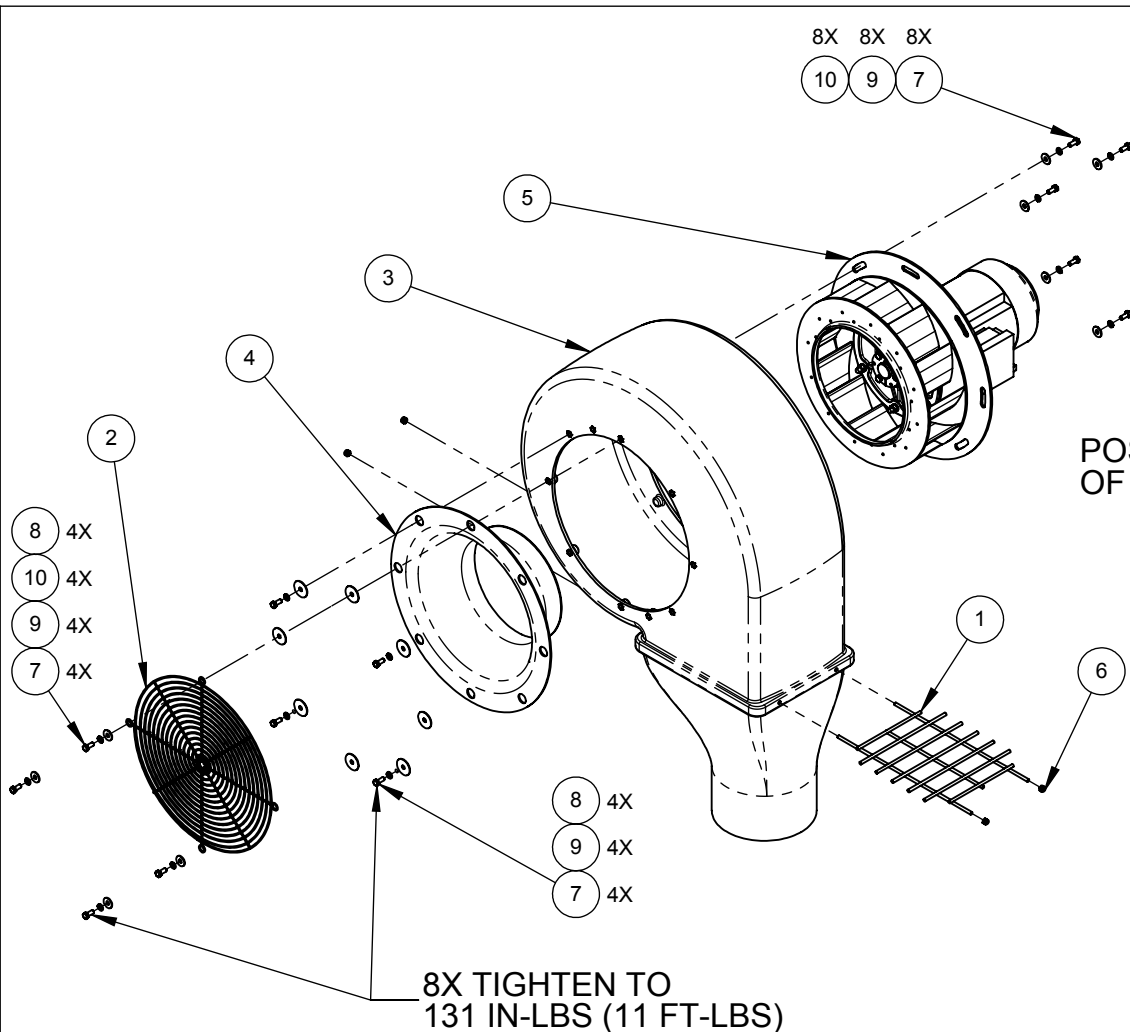
PRODUCER PART NO.	VOLTAGE	IMPELLER ROTATION	MOTOR-IMPELLER PART NO.
11100174	208-230V,60HZ	CW	11100160
11100175	208-230V,60HZ	CCW	11100161
11100176	575V,60HZ	CW	11100169
11100177	575V,60HZ	CCW	11100170
11100178	400V,50HZ	CW	11100171
11100179	400V,50HZ	CCW	11100172
11100271	400-460V,60HZ	CW	11100269
11100272	400-460V,60HZ	CCW	11100270
11100311	220V,50HZ	CW	11100315
11100312	220V,50HZ	CCW	11100316

NOTE:

1. ATTACH INLET CONE 06050043 TO HOUSING. MAKE SURE INLET CONE IS CENTERED INSIDE THE IMPELLER. SPIN IMPELLER TO VERIFY THAT THE INLET CONE IS NOT RUBBING AGAINST THE WHEEL.
2. MOTOR -IMPELLER ASSEMBLY MUST BE REPLACED AS A UNIT AND BE FACTORY BALANCED WHEN ASSEMBLED.

223

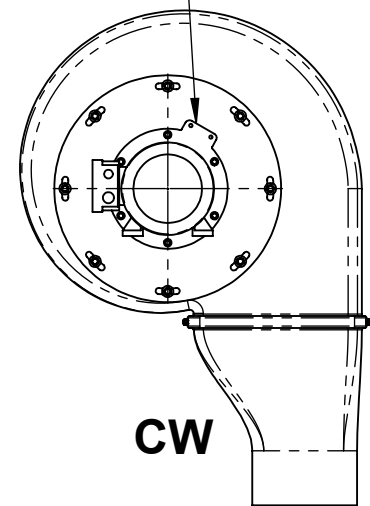
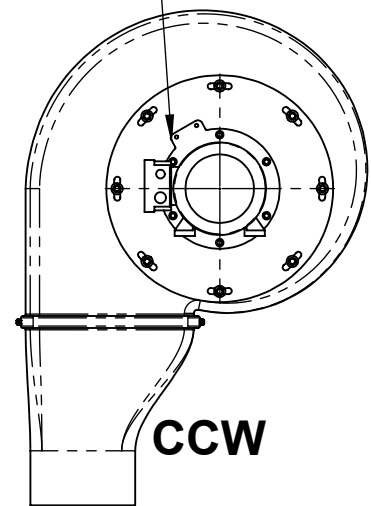
PICTORIAL PARTS CATALOG		
DESCRIPTION: STAND ALONE DRYER OSCILLATING INNER PRODUCER ASSEMBLY		
DWG. NO. 11100174	REV 01	SHEET 1 OF 2
 		
VEHICLE WASH SYSTEMS		
PART OF OPW  COMPANY		



ITEM	PART #	DESCRIPTION
1	06160195	GUARD,DISCHARGE-SCREEN,DRYER,SST
2	06160237	GUARD,INLET-SCREEN,DRYER,WIRE,SST
3	06050065	HOUSING,BLOWER,SA,MAX-AIR,DARK-BLUE
4	06050043	INLET-CONE,MAXAIR,GH,ALUMINUM
5	SEE TABLE	MOTOR-IMPELLER
6	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
7	70143-HCS	SCREW,5/16-18x.75,HHCS,SST
8	05030075	WASHER,5/16,FENDER,1.50OD,.062THK,SST
9	71512-LS	WASHER,5/16,LOCK,SST
10	05030018	WASHER,M8,FENDER,SST

POSITION OF LINK MNT

POSITION OF LINK MNT



- NOTE:
1. ATTACH INLET CONE 06050043 TO HOUSING. MAKE SURE INLET CONE IS CENTERED INSIDE THE IMPELLER. SPIN IMPELLER TO VERIFY THAT THE INLET CONE IS NOT RUBBING AGAINST THE WHEEL.
 2. MOTOR -IMPELLER ASSEMBLY MUST BE REPLACED AS A UNIT AND BE FACTORY BALANCED WHEN ASSEMBLED.

PICTORIAL PARTS CATALOG

DESCRIPTION:
**STAND ALONE DRYER OSCILLATING
 INNER PRODUCER ASSEMBLY**

DWG. NO.	REV	SHEET
11100174	01	2 OF 2






VEHICLE WASH SYSTEMS

PART OF OPW  COMPANY

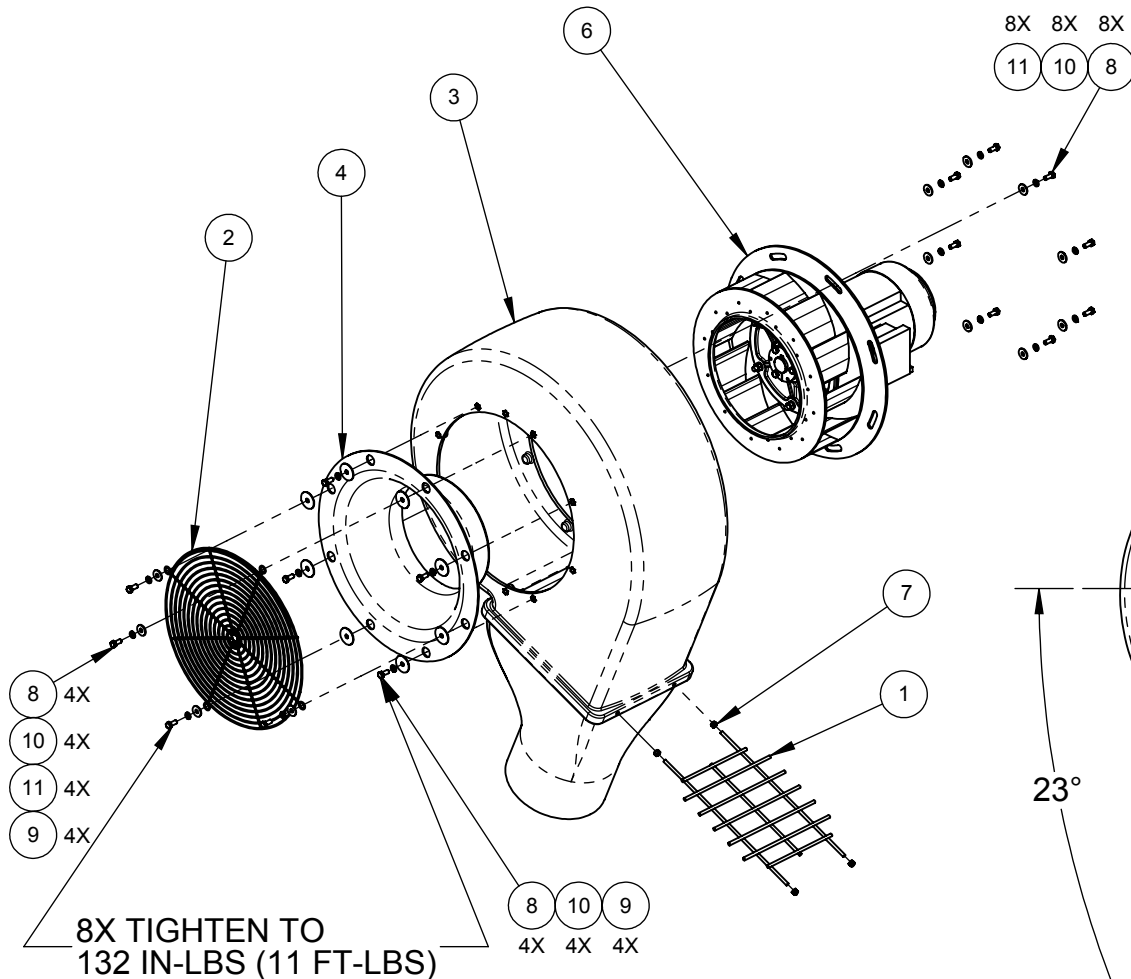
PRODUCER PART NO.	VOLTAGE	IMPELLER ROTATION	MOTOR-IMPELLER PART NO.
11100188	208-230V,60HZ	CW	11100181
11100189	208-230V,60HZ	CCW	11100182
11100190	575V,60HZ	CW	11100183
11100191	575V,60HZ	CCW	11100184
11100192	380V,50HZ	CW	11100185
11100193	380V,50HZ	CCW	11100186
11100267	380/460V,60HZ	CW	11100265
11100268	380/460V,60HZ	CCW	11100266
11100313	220V,50HZ	CW	11100309
11100314	220V,50HZ	CCW	11100310

NOTE:

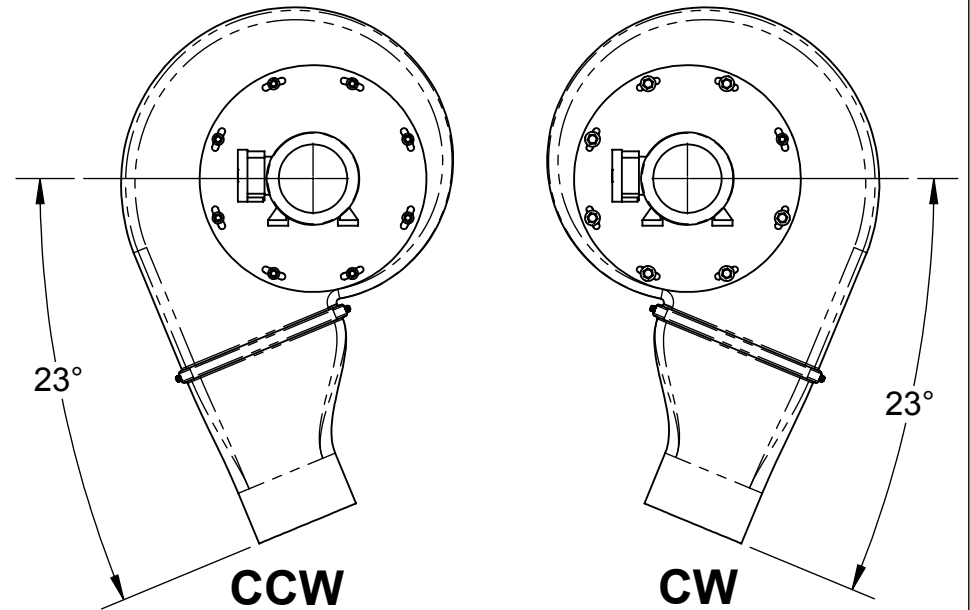
1. ATTACH INLET CONE 06050043 TO HOUSING. MAKE SURE INLET CONE IS CENTERED INSIDE THE IMPELLER. SPIN IMPELLER TO VERIFY THAT THE INLET CONE IS NOT RUBBING AGAINST THE WHEEL.
2. MOTOR -IMPELLER ASSEMBLY MUST BE REPLACED AS A UNIT AND BE FACTORY BALANCED WHEN ASSEMBLED.

PICTORIAL PARTS CATALOG		
DESCRIPTION: STAND-ALONE DRYER SWINGAIR OUTER PRODUCER ASSEMBLY		
DWG. NO. 11100188	REV 00	SHEET 1 OF 2
 		
VEHICLE WASH SYSTEMS		
PART OF OPW 		

ITEM	PART #	DESCRIPTION
1	06160195	GUARD,DISCHARGE-SCREEN,DRYER,SST
2	06160237	GUARD,INLET-SCREEN,DRYER,WIRE,SST
3	06050065	HOUSING,BLOWER,SA,MAX-AIR,DARK-BLUE
4	06050043	INLET-CONE,MAXAIR,GH,ALUMINUM
5	02240027	LABEL,1x1,DANGER-HIGH-VOLTAGE
6	SEE TABLE	MOTOR-IMPELLER
7	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
8	70143-HCS	SCREW,5/16-18x.75,HHCS,SST
9	05030075	WASHER,5/16,FENDER,1.50OD,.062THK,SST
10	71512-LS	WASHER,5/16,LOCK,SST
11	05030018	WASHER,M8,FENDER,SST






**COUNTER CLOCKWISE (CCW)
ASSEMBLY SHOWN**



NOTE:

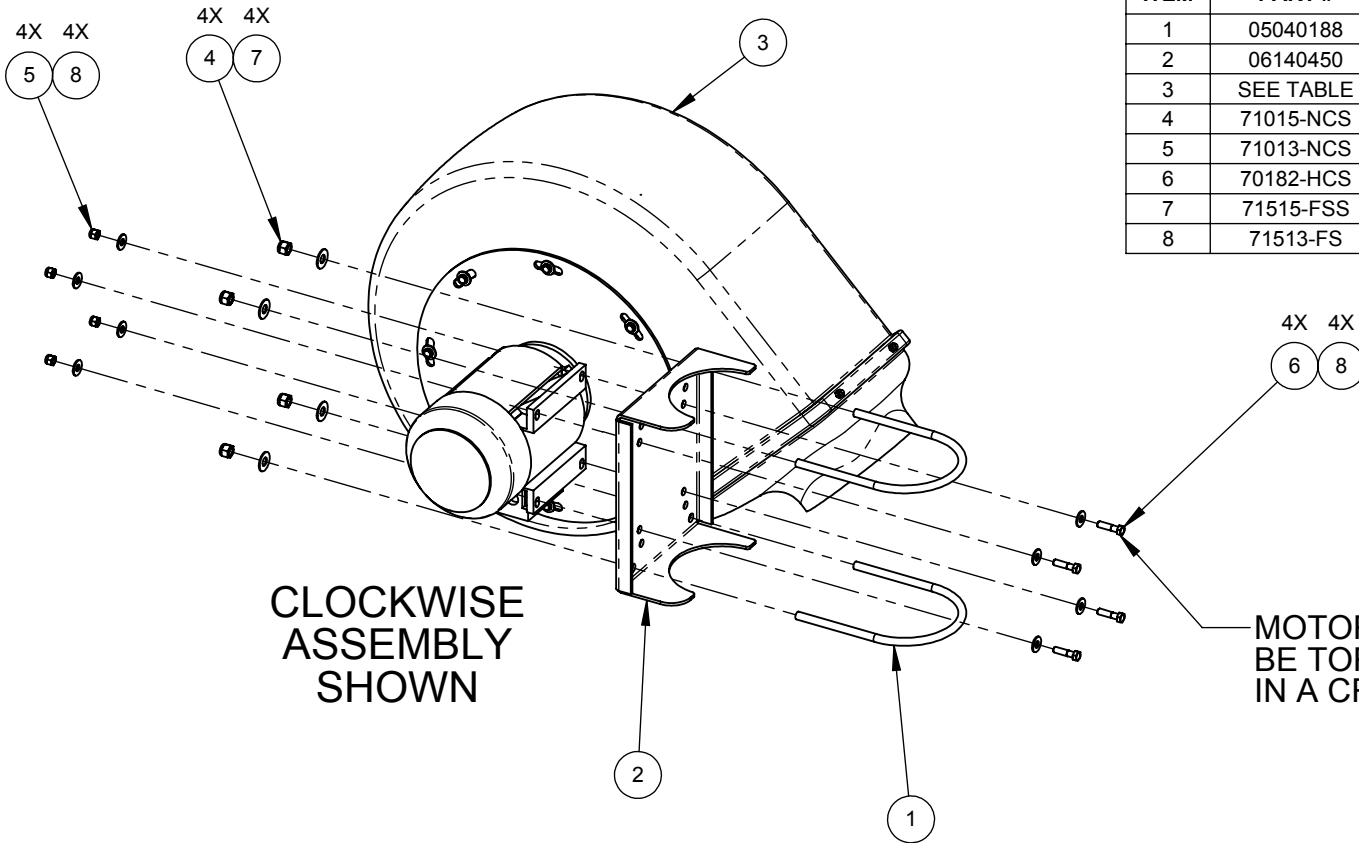
1. ATTACH INLET CONE 06050043 TO HOUSING. MAKE SURE INLET CONE IS CENTERED INSIDE THE IMPELLER. SPIN IMPELLER TO VERIFY THAT THE INLET CONE IS NOT RUBBING AGAINST THE WHEEL.
2. MOTOR -IMPELLER ASSEMBLY MUST BE REPLACED AS A UNIT AND BE FACTORY BALANCED WHEN ASSEMBLED.

226

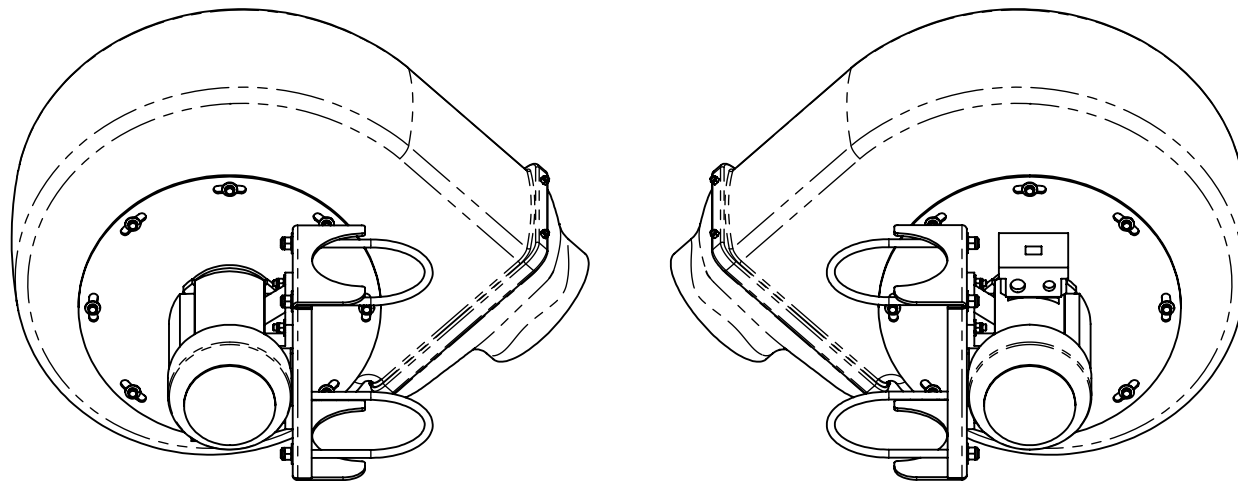
PICTORIAL PARTS CATALOG		
DESCRIPTION: STAND-ALONE DRYER SWINGAIR OUTER PRODUCER ASSEMBLY		
DWG. NO. 11100188	REV 00	SHEET 2 OF 2
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW</small>  COMPANY		

MODEL #	DRYER SUPPLY VOLTAGE	CW PRODUCER	CCW PRODUCER
09040027	208/230V - 60HZ	11100143	11100144
09040028	575V - 60HZ	11100145	11100146
09040045	380V - 50HZ	11100147	11100148
09040178	380/460V - 60HZ	11100263	11100264

PICTORIAL PARTS CATALOG		
DESCRIPTION: STAND ALONE DRYER SIDE PRODUCERS		
DWG. NO. 09040027	REV 06	SHEET 1 OF 2
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW  COMPANY</small>		



ITEM	PART #	DESCRIPTION
1	05040188	BOLT,1/2-13x9.00x6.75W,U-BOLT,SST
2	06140450	BRACKET,SIDE-PRODUCER-MOUNTING,MA
3	SEE TABLE	DRYER PRODUCER
4	71015-NCS	NUT,1/2-13,HEX,LOCK,SST
5	71013-NCS	NUT,3/8-16,HEX,LOCK,SST
6	70182-HCS	SCREW,3/8-16x1.50,HHCS,SST
7	71515-FSS	WASHER,1/2,FLAT,SST
8	71513-FS	WASHER,3/8,FLAT,1-OD,.083THK,SST



CW

228 CCW

PICTORIAL PARTS CATALOG		
DESCRIPTION: STAND ALONE DRYER SIDE PRODUCERS		
DWG. NO. 09040027	REV 06	SHEET 2 OF 2
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small>		<small>ADOVER COMPANY</small>

PRODUCER PART NO.	VOLTAGE	IMPELLER ROTATION	MOTOR-IMPELLER PART NO.
11100143	208-230V,60HZ	CW	11100072
11100144	208-230V,60HZ	CCW	11100073
11100145	575V,60HZ	CW	11100076
11100146	575V,60HZ	CCW	11100077
11100147	380V,50HZ	CW	11100093
11100148	380V,50HZ	CCW	11100099
11100263	380/460V,60HZ	CW	11100257
11100264	380/460V,60HZ	CCW	11100258

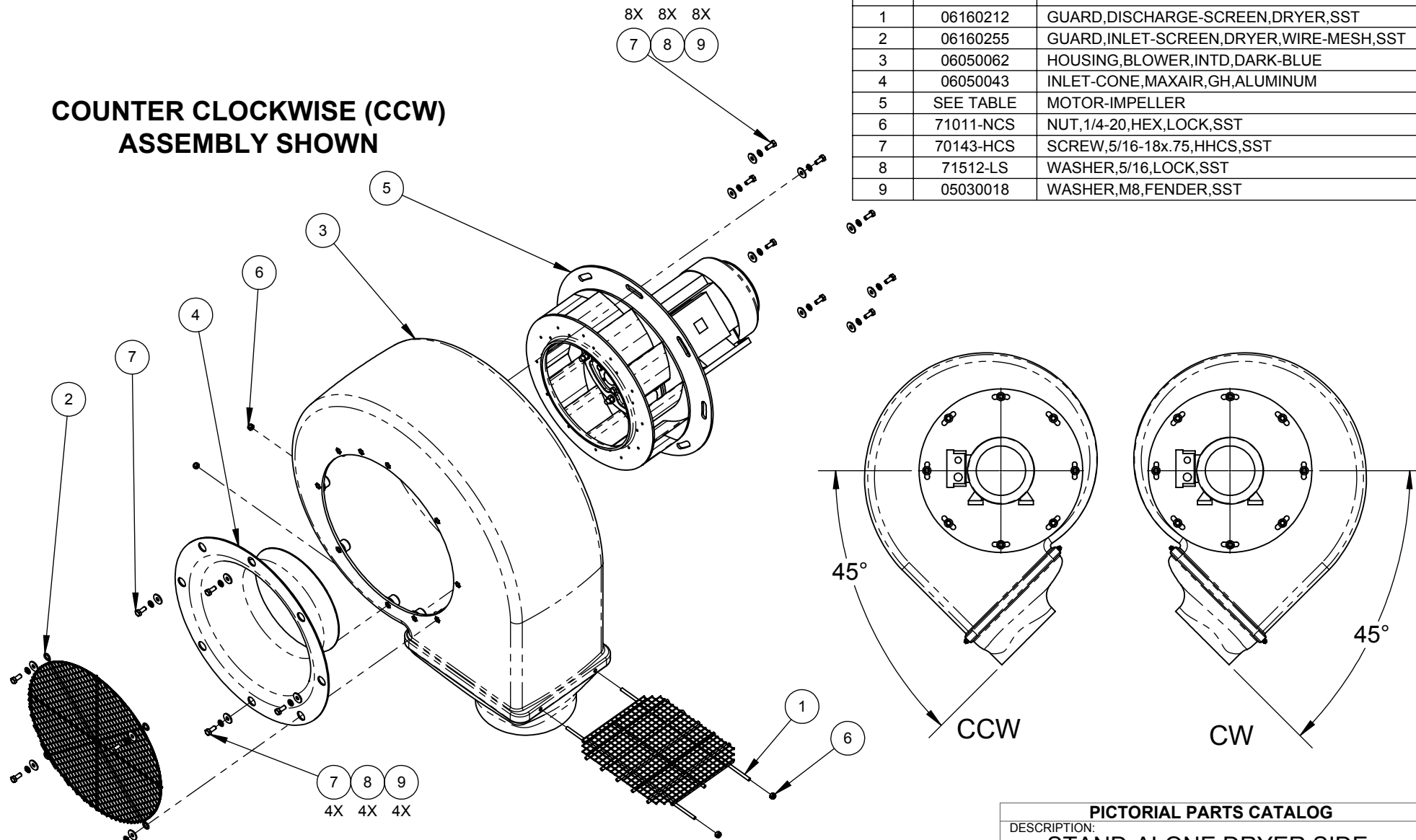
NOTE:

1. ATTACH INLET CONE 06050043 TO HOUSING. MAKE SURE INLET CONE IS CENTERED INSIDE THE IMPELLER. SPIN IMPELLER TO VERIFY THAT THE INLET CONE IS NOT RUBBING AGAINST THE WHEEL.
2. MOTOR -IMPELLER ASSEMBLY MUST BE REPLACED AS A UNIT AND BE FACTORY BALANCED WHEN ASSEMBLED.

PICTORIAL PARTS CATALOG		
DESCRIPTION: STAND-ALONE DRYER SIDE PRODUCER DARK BLUE HOUSING		
DWG. NO. 11100143	REV 00	SHEET 1 OF 2
 		
VEHICLE WASH SYSTEMS		
PART OF OPW  COMPANY		

**COUNTER CLOCKWISE (CCW)
ASSEMBLY SHOWN**

ITEM	PART #	DESCRIPTION
1	06160212	GUARD,DISCHARGE-SCREEN,DRYER,SST
2	06160255	GUARD,INLET-SCREEN,DRYER,WIRE-MESH,SST
3	06050062	HOUSING,BLOWER,INTD,DARK-BLUE
4	06050043	INLET-CONE,MAXAIR,GH,ALUMINUM
5	SEE TABLE	MOTOR-IMPELLER
6	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
7	70143-HCS	SCREW,5/16-18x.75,HHCS,SST
8	71512-LS	WASHER,5/16,LOCK,SST
9	05030018	WASHER,M8,FENDER,SST



NOTE:

1. ATTACH INLET CONE 06050043 TO HOUSING. MAKE SURE INLET CONE IS CENTERED INSIDE THE IMPELLER. SPIN IMPELLER TO VERIFY THAT THE INLET CONE IS NOT RUBBING AGAINST THE WHEEL.
2. MOTOR -IMPELLER ASSEMBLY MUST BE REPLACED AS A UNIT AND BE FACTORY BALANCED WHEN ASSEMBLED.230

PICTORIAL PARTS CATALOG

DESCRIPTION:
**STAND-ALONE DRYER SIDE
PRODUCER DARK BLUE HOUSING**

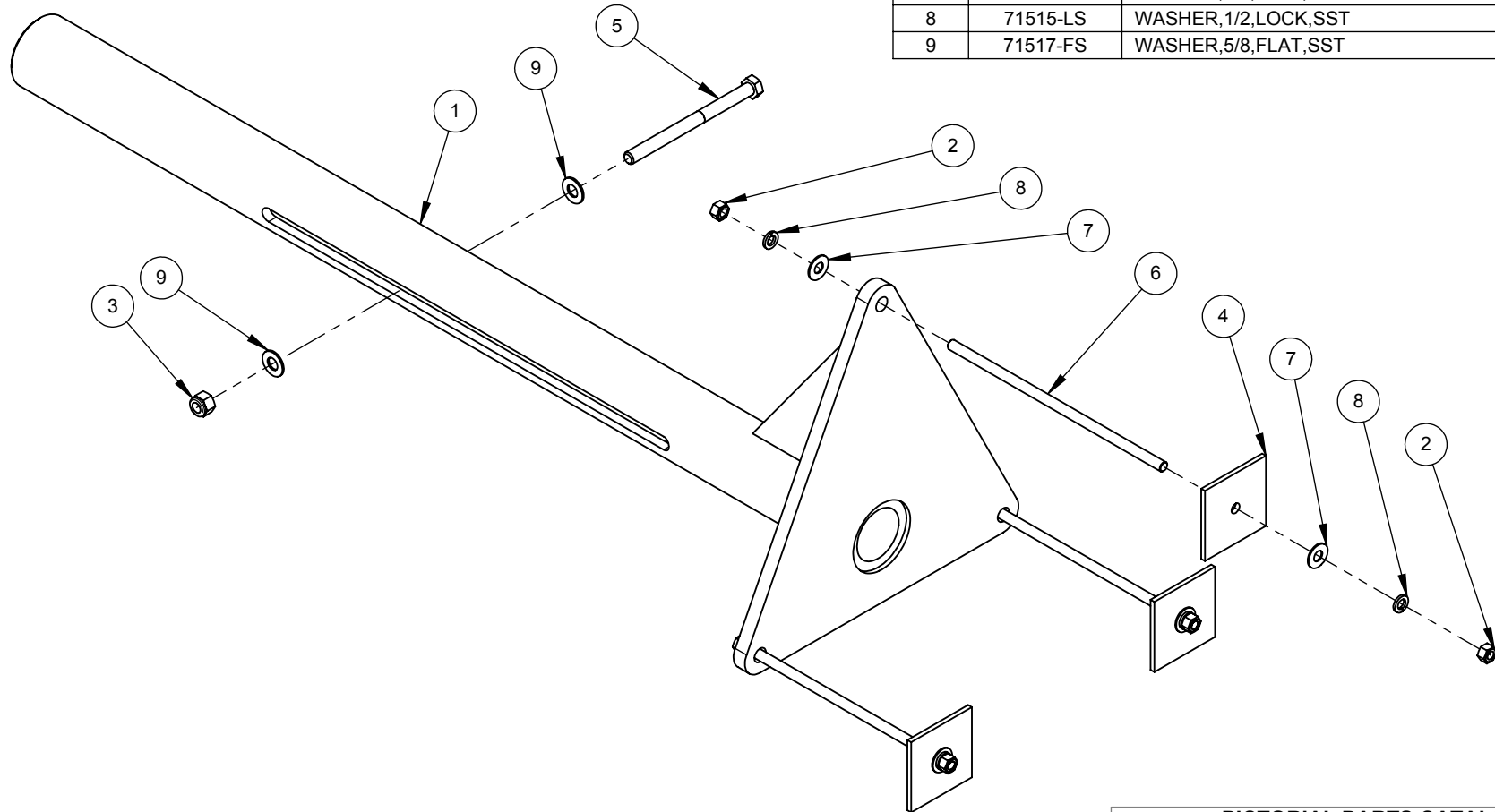
DWG. NO.	REV	SHEET
11100143	00	2 OF 2




VEHICLE WASH SYSTEMS

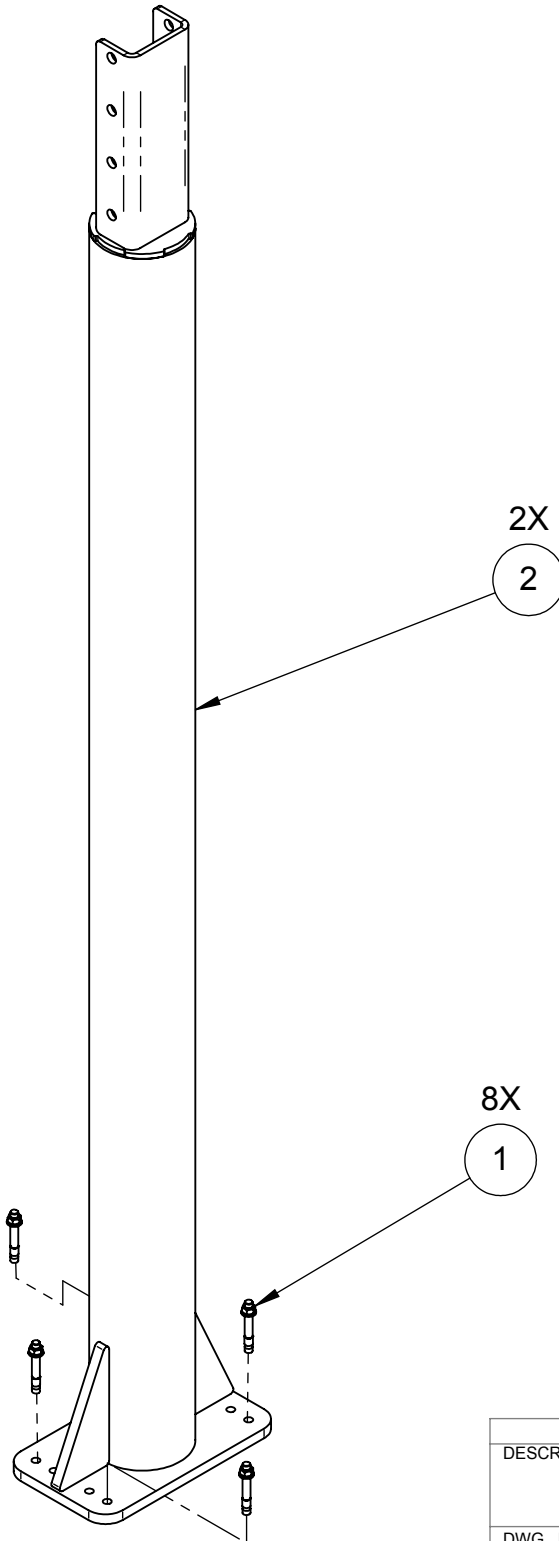
PART OF OPW  COMPANY

ITEM	PART #	DESCRIPTION
1	06250038	FRAME,WALL-MOUNT-DRYER,SA,MA
2	71015-HCS	NUT,1/2-13,HEX,SST
3	71017-NCS	NUT,5/8-11,HEX,LOCK,SST
4	M330033	PLATE,BACKING,..25x4.00x4.00,CS,1/2-RODS
5	05040186	SCREW,5/8-11x8,HHCS,SST
6	M390020-S	THREADED-ROD,1/2-13x14.00,SST
7	71515-FSS	WASHER,1/2,FLAT,SST
8	71515-LS	WASHER,1/2,LOCK,SST
9	71517-FS	WASHER,5/8,FLAT,SST



PICTORIAL PARTS CATALOG		
DESCRIPTION: STAND-ALONE DRYER WALL MOUNT		
DWG. NO.	REV	SHEET
09040032	01	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	05090001	ANCHOR,STUD,1/2-13UNCx3-3/4",SST
2	06250137	FRAME,LEG,DRYER,SA,MA

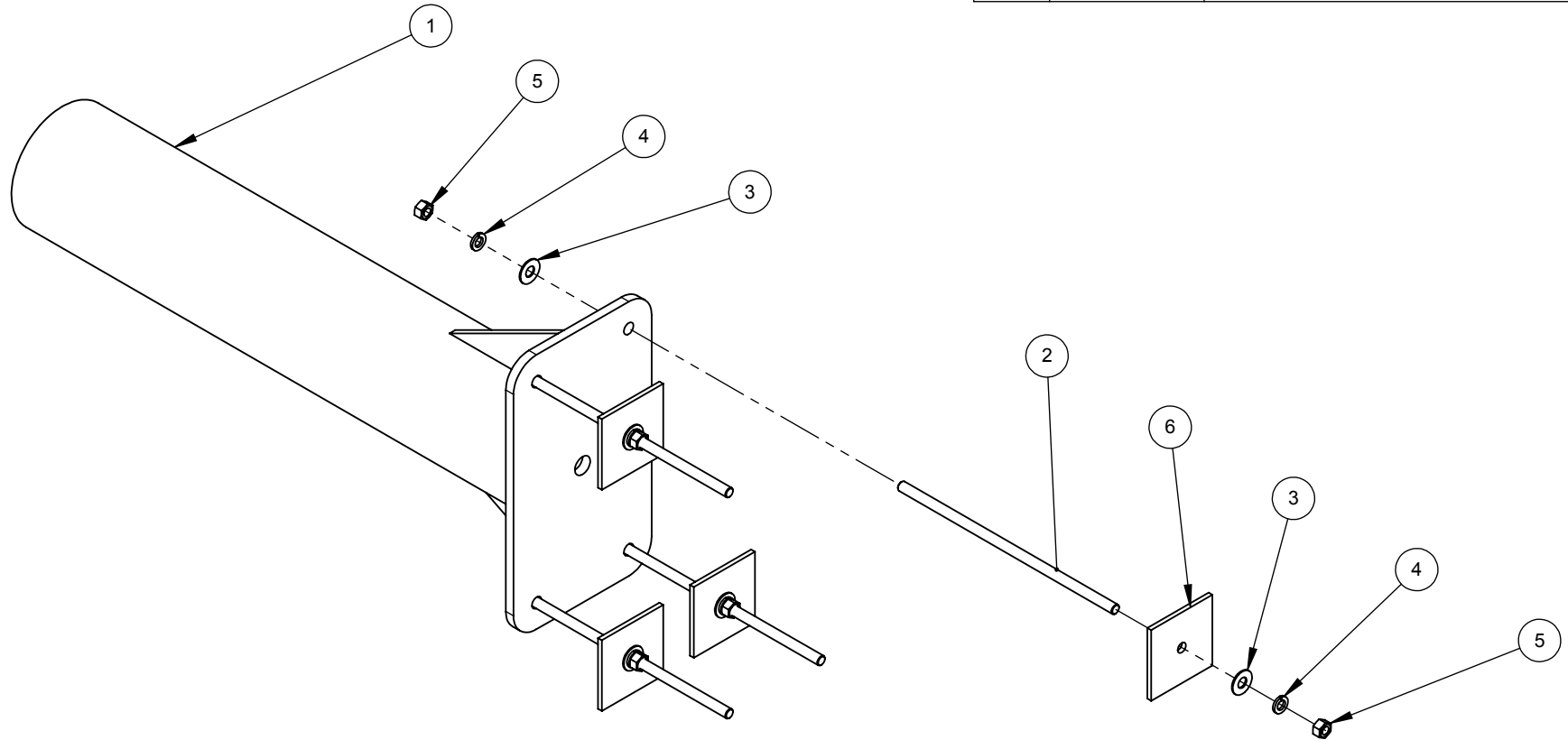





PICTORIAL PARTS CATALOG		
DESCRIPTION: STAND-ALONE DRYER LEG ASSEMBLY		
DWG. NO. 09040024	REV 03	SHEET 1 OF 1



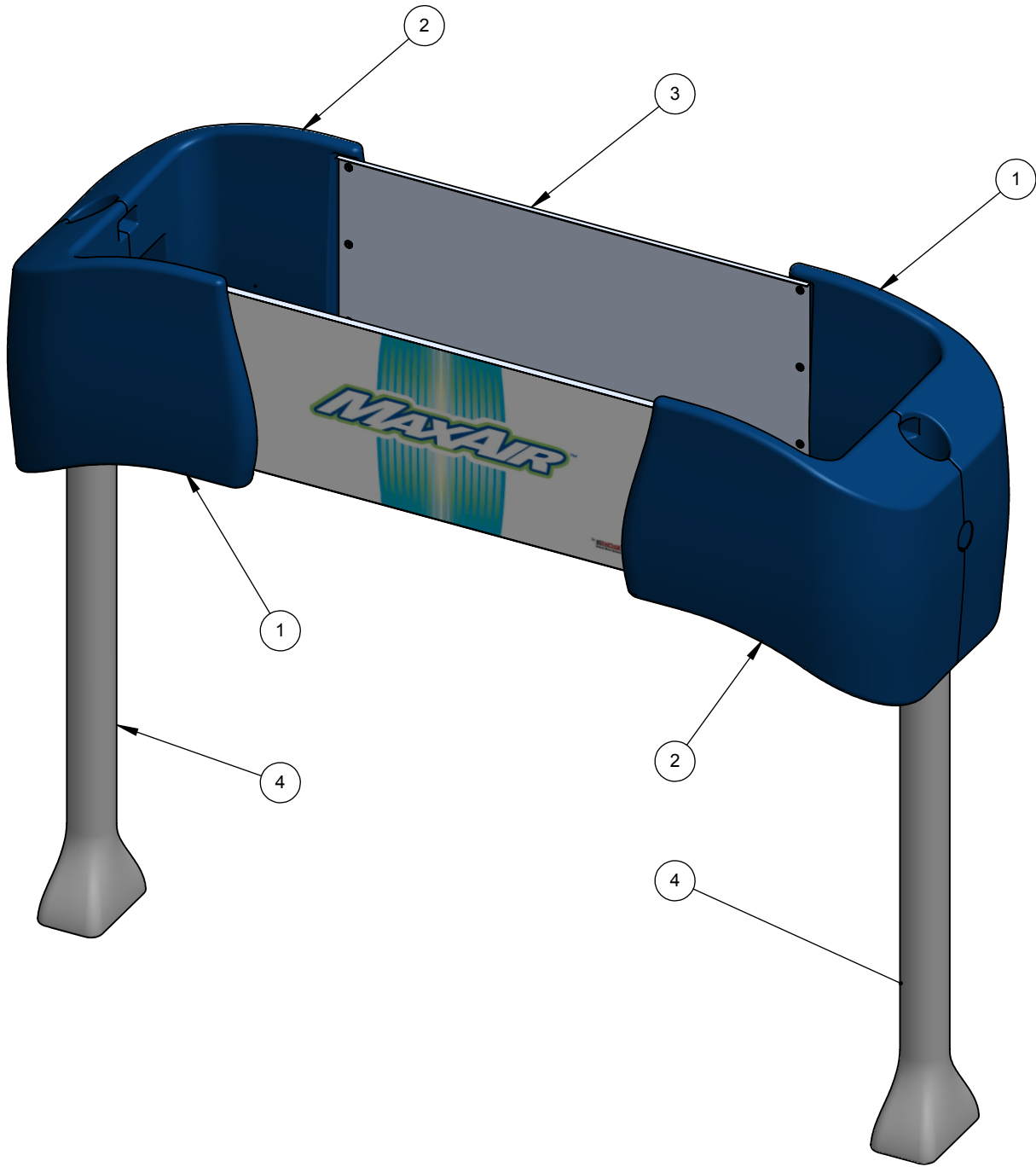

VEHICLE WASH SYSTEMS
PART OF OPW DOVER COMPANY

ITEM	PART #	DESCRIPTION
1	06250036	FRAME,WALL-MOUNT.MA,SIDE-PRODUCER
2	M390020-S	THREADED-ROD,1/2-13x14.00,SST
3	71515-FSS	WASHER,1/2,FLAT,SST
4	71515-LS	WASHER,1/2,LOCK,SST
5	71015-HCS	NUT,1/2-13,HEX,SST
6	M330033-S	PLATE,BACKING,.25x4.00x4.00,SST,1/2-RODS



PICTORIAL PARTS CATALOG		
DESCRIPTION: SIDE PRODUCER WALL MOUNT		
DWG. NO.	REV	SHEET
09040033	00	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	06160182	COVER,END,LH,STAND-ALONE,MA,GRAY
2	06160183	COVER,END,RH,STAND-ALONE,MA,GRAY
3	11260018	COVER,IMAGE-PACKAGE-PANEL,MAX-AIR
4	06160184	COVER,LEG,PLASTIC,MAX-AIR,STAND-ALONE



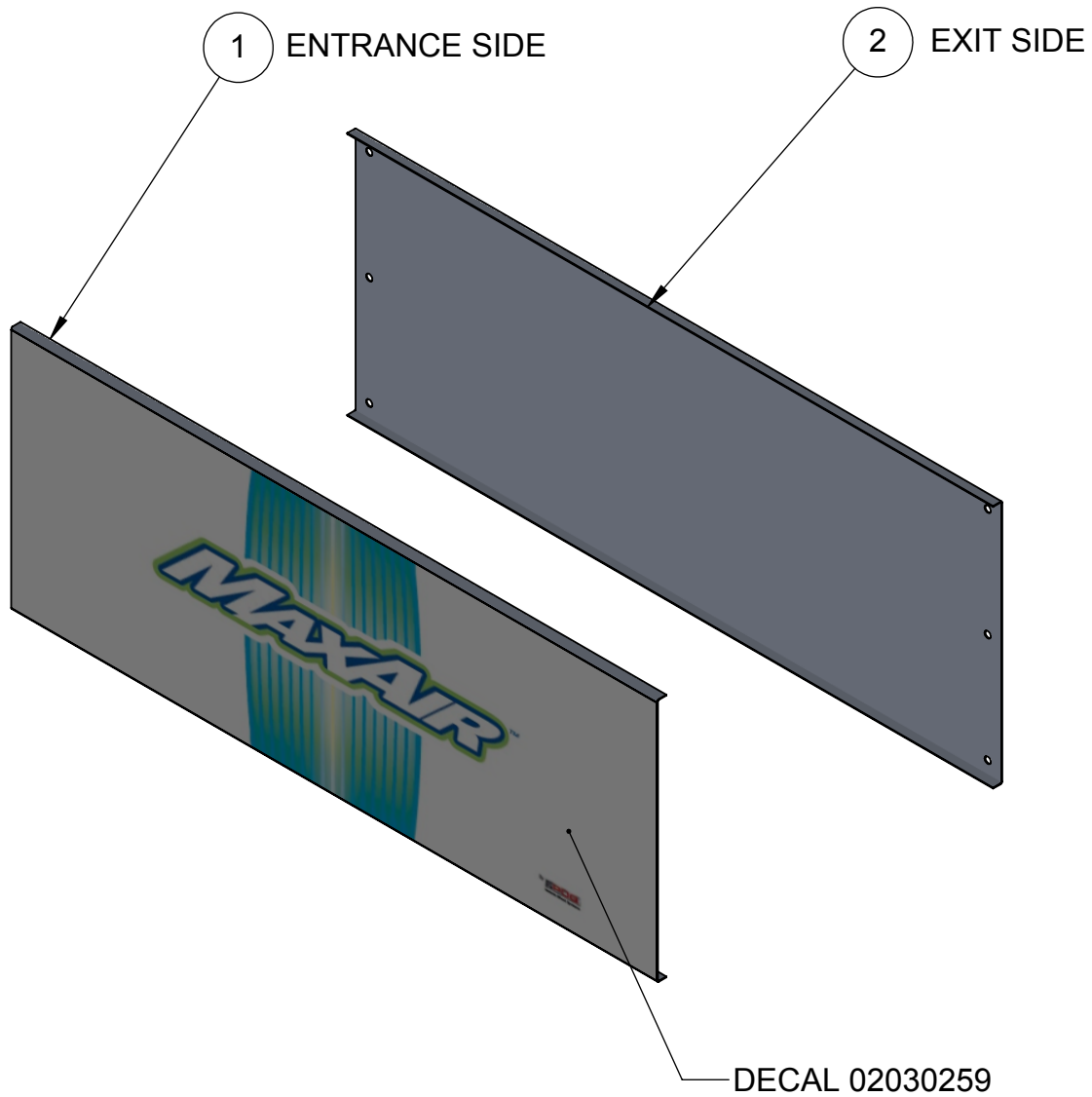
PICTORIAL PARTS CATALOG		
DESCRIPTION: IMAGE PACKAGE LEG MOUNTED STAND ALONE DRYER		
DWG. NO.	REV	SHEET
09040126	00	1 OF 1




VEHICLE WASH SYSTEMS

PART OF OPW 

ITEM	PART #	DESCRIPTION
1	11260021	COVER,IMAGE-PACKAGE-PANEL,SGL,DECAL,MA
2	06160178	COVER,ORBITAL-MITTER/DRYER,CENTER,AL



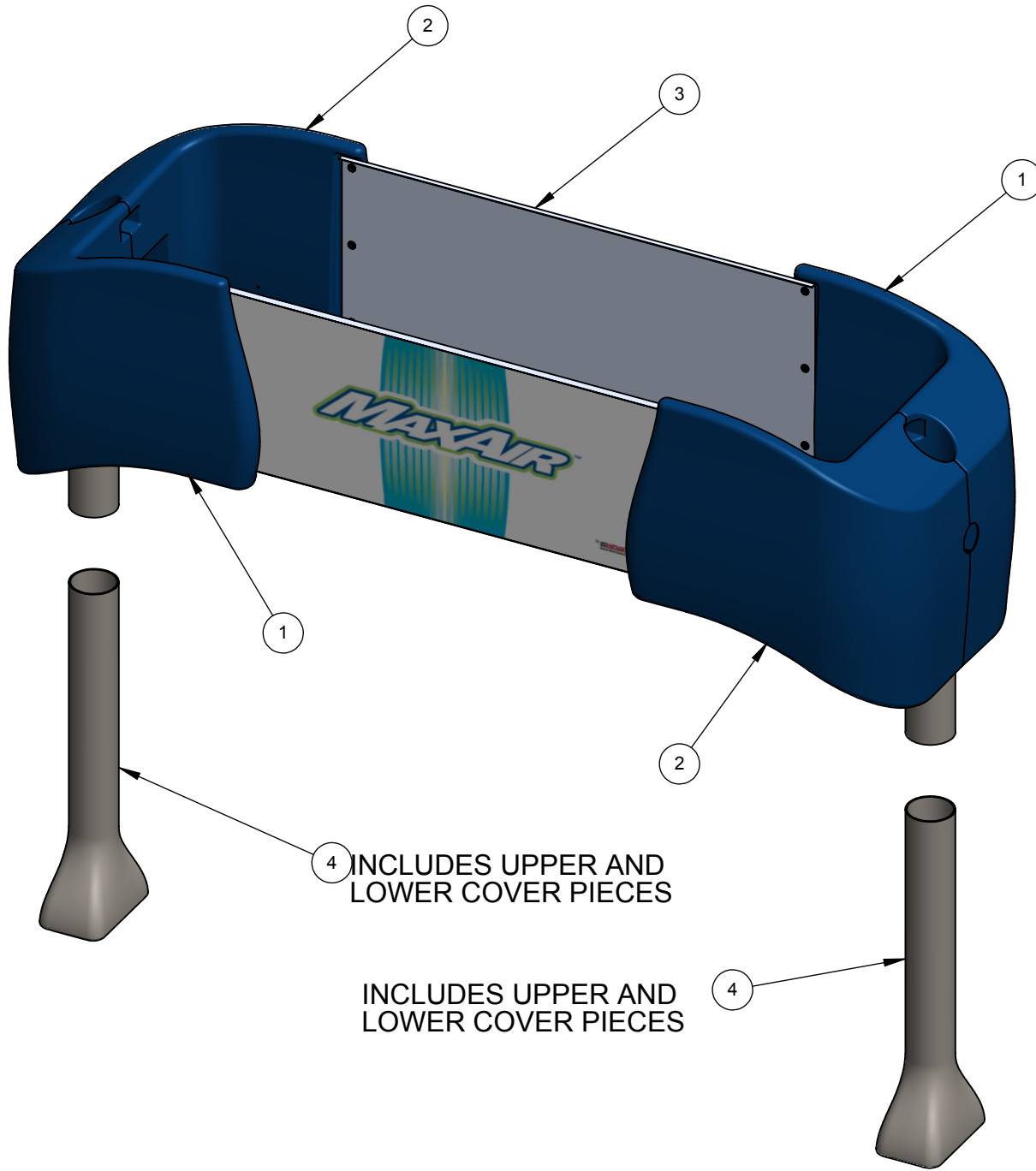
PICTORIAL PARTS CATALOG		
DESCRIPTION: STAND ALONE DRYER CENTER COVER		
DWG. NO. 11260018	REV 02	SHEET 1 OF 1




VEHICLE WASH SYSTEMS

PART OF OPW 

ITEM	PART #	DESCRIPTION
1	06160182	COVER,END,LH,STAND-ALONE,MA,GRAY
2	06160183	COVER,END,RH,STAND-ALONE,MA,GRAY
3	11260018	COVER,IMAGE-PACKAGE-PANEL,MAX-AIR
4	06160206	COVER,LEG,PLASTIC,SIDE-PRODUCER,MA



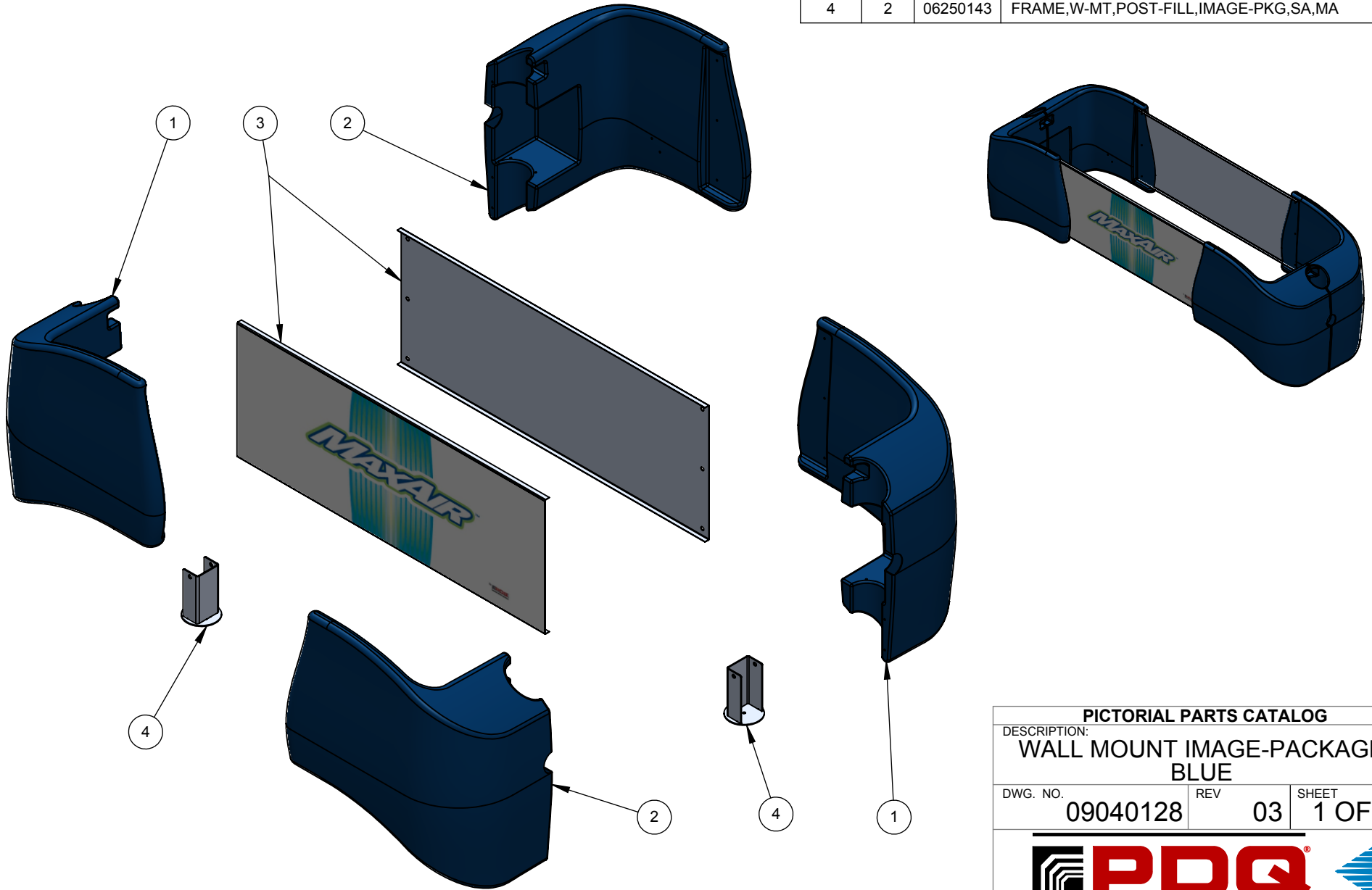
4 INCLUDES UPPER AND LOWER COVER PIECES

INCLUDES UPPER AND LOWER COVER PIECES

PICTORIAL PARTS CATALOG		
DESCRIPTION: IMAGE PACKAGE DRYER WITH SIDE PRODUCERS		
DWG. NO.	REV	SHEET
09040127	00	1 OF 1






ITEM	QTY.	PART #	DESCRIPTION
1	2	06160376	COVER,END,LH,STAND-ALONE,MA,DARK-BLUE
2	2	06160377	COVER,END,RH,STAND-ALONE,MA,DARK-BLUE
3	1	11260018	COVER,IMAGE-PACKAGE-PANEL,MAX-AIR
4	2	06250143	FRAME,W-MT,POST-FILL,IMAGE-PKG,SA,MA



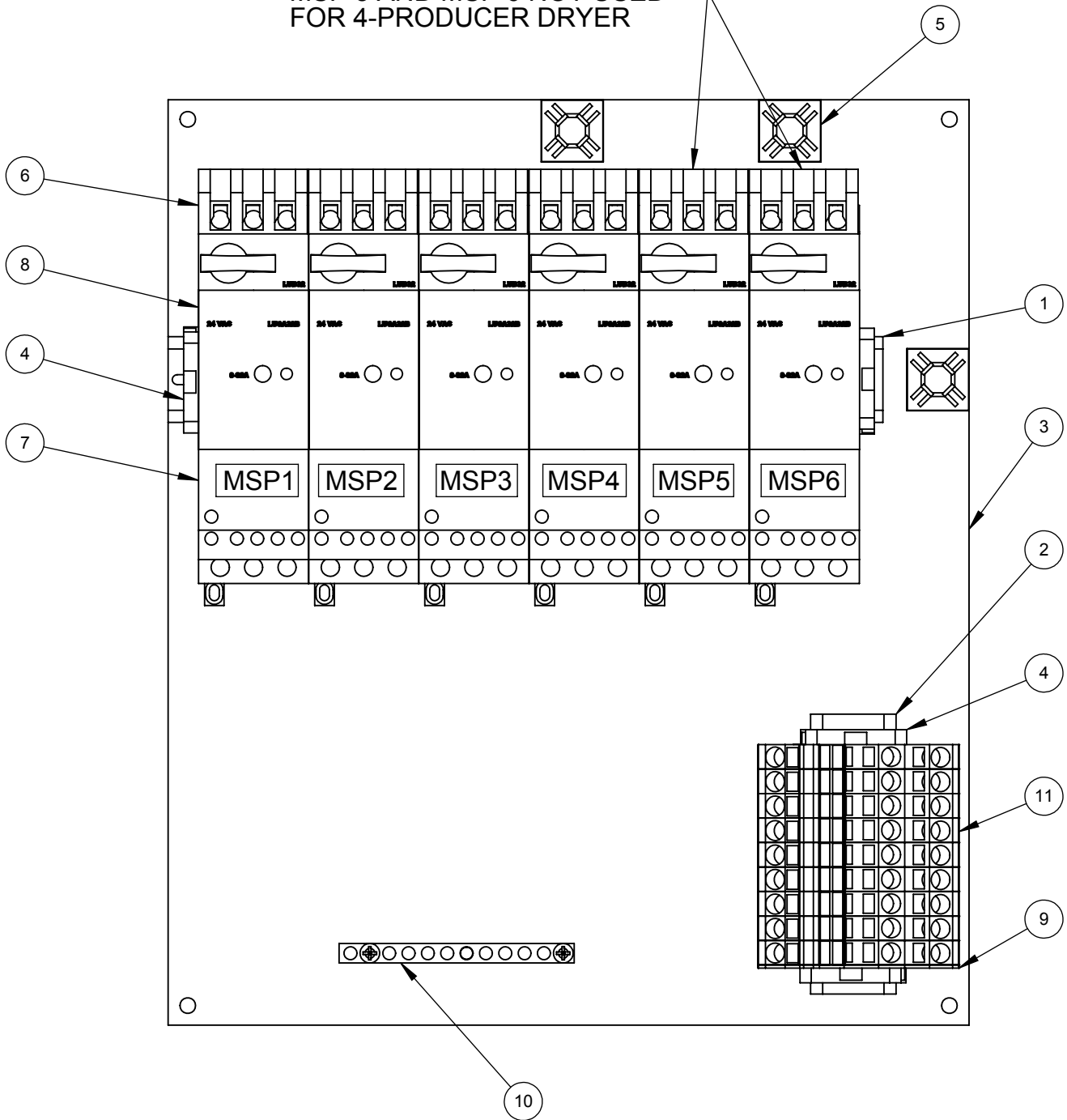
PICTORIAL PARTS CATALOG		
DESCRIPTION: WALL MOUNT IMAGE-PACKAGE BLUE		
DWG. NO.	REV	SHEET
09040128	03	1 OF 1
VEHICLE WASH SYSTEMS		
PART OF OPW		

ITEM	PART #	DESCRIPTION
1	36950-11.50	DIN-RAIL,35mmx11.5mmx1M,AL
2	36950-4.50	DIN-RAIL,35mmx4.50",AL
3	04090083	ENCLOSURE-PANEL,16x14"
4	36650	END-STOP,6mm,PLST,GRAY,249-116
5	76521	MOUNT,CABLE-TIE,1.00x1.00,NY
6	04110037	MSP, PHASE-SEPARATOR
7	04110026	MSP,COMB,BASE,32A,24VAC,TESYS-ULINE
8	SEE TABLE	MSP MODULE
9	04100041	TERMINAL,END-PLATE,WAGO,2010-SER,3P,ORG
10	04100046	TERMINAL-BLOCK,GND-BAR,9P,8-14AWG,225A
11	04100039	TERMINAL-BLOCK,WAGO,3P,8-20AWG,GRAY

DRYER SUPPLY VOLTAGE	MSP MODULE PART NUMBER
208/230V - 60HZ	04110027
220V - 50HZ	04110047
380V - 50HZ	04110047
380/460V - 60HZ	04110027
575V - 60HZ	04110027



PICTORIAL PARTS CATALOG		
DESCRIPTION: STAND ALONE DRYER CONTROL BOX		
DWG. NO. 11010057	REV 03	SHEET 1 OF 2
 		
VEHICLE WASH SYSTEMS		
PART OF OPW 		

MSP 5 AND MSP 6 NOT USED
FOR 4-PRODUCER DRYER

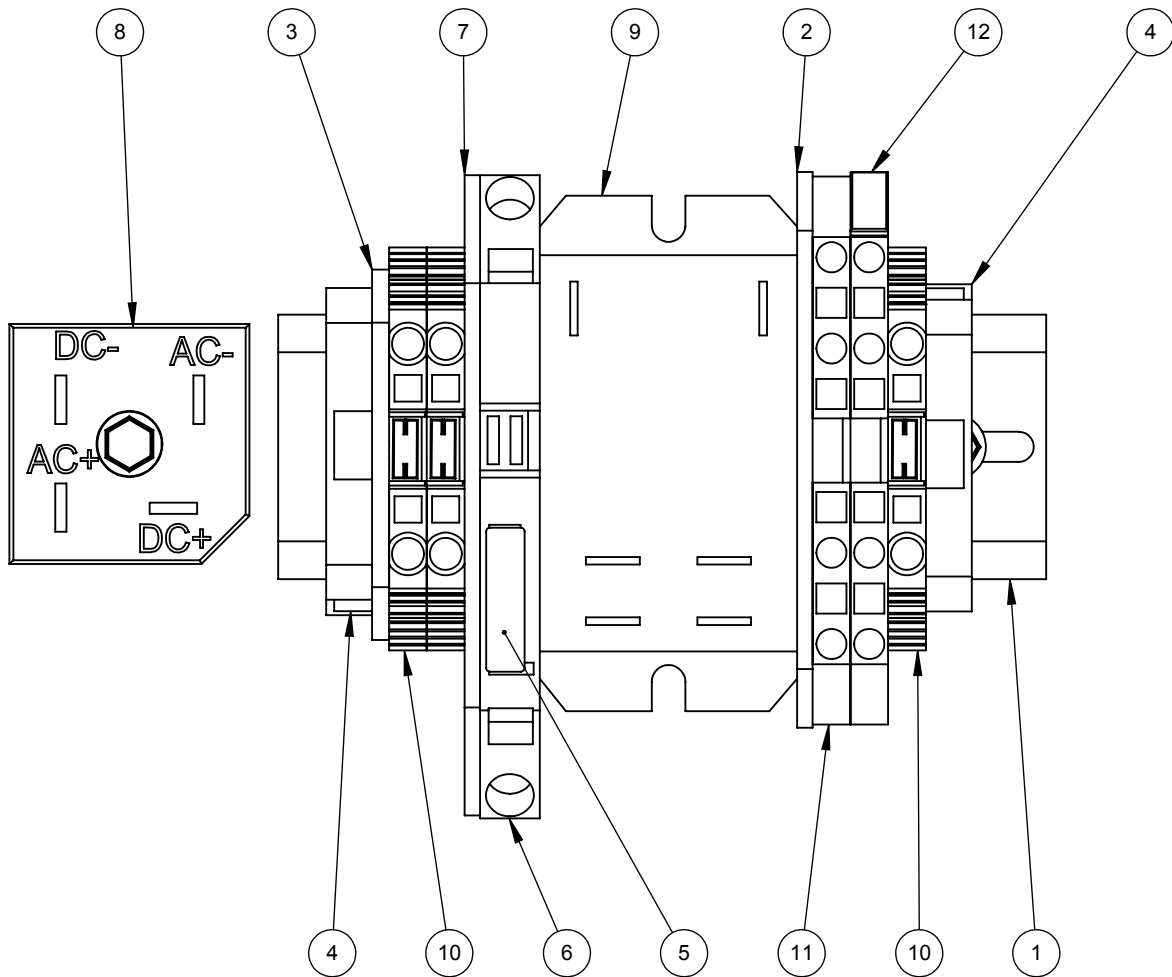


OTHER PART NUMBERS:

PART #	DESCRIPTION
02030399	SCHEMATIC DECAL-6 PRODUCER
02030398	SCHEMATIC DECAL-4 PRODUCER
04090082	ENCLOSURE
M402030	LABEL, MULTIPLE DISCONNECTS
M402035	LABEL, MULTIPLE DISCONNECTS - FRENCH
02020400	LABEL, HAZARDOUS VOLTAGE
02020296	LABEL, GROUND-SYMBOL
02020074	LABEL, DO-NOT-DRILL
04100086	TERMINAL-MARKER

PICTORIAL PARTS CATALOG		
DESCRIPTION: STAND ALONE DRYER CONTROL BOX		
DWG. NO. 11010057	REV 03	SHEET 2 OF 2
		
VEHICLE WASH SYSTEMS		
PART OF OPW		

ITEM	PART #	DESCRIPTION
1	36950-4.00	DIN-RAIL,35mmx4.00",AL
2	36607	END PLATE,FRONT,4P,280-317,ORANGE
3	36606	END-PLATE,FRONT,2P,PLST,280-331
4	36650	END-STOP,6mm,PLST,GRAY,249-116
5	04110039	FUSE,7.5A,MINI,FAST-ACTING,AUTOMOTIVE
6	04110031	FUSE-HOLDER,AUTOMOTIVE,TERM-BLK
7	04110035	FUSE-HOLDER,END-PLATE,2P,MINI-AUTOMOTIVE
8	04590020	RECTIFIER-BRIDGE,SILCONE,SINGLE-PH,35A
9	04050013	RELAY-DPST,24VAC-COIL,30A-RATED-CONTACTS
10	36506	TERMINAL-BLK,26-12GA,2P,PLST,280-601
11	36507	TERMINAL-BLK,26-14GA,4P,GRAY
12	04100081	TERMINAL-MARKER,OSCILLATOR,SA-DRYER



OTHER PART NUMBERS:
 02240061 FUSE REPLACEMENT LABEL
 02030551 SCHEMATIC DECAL

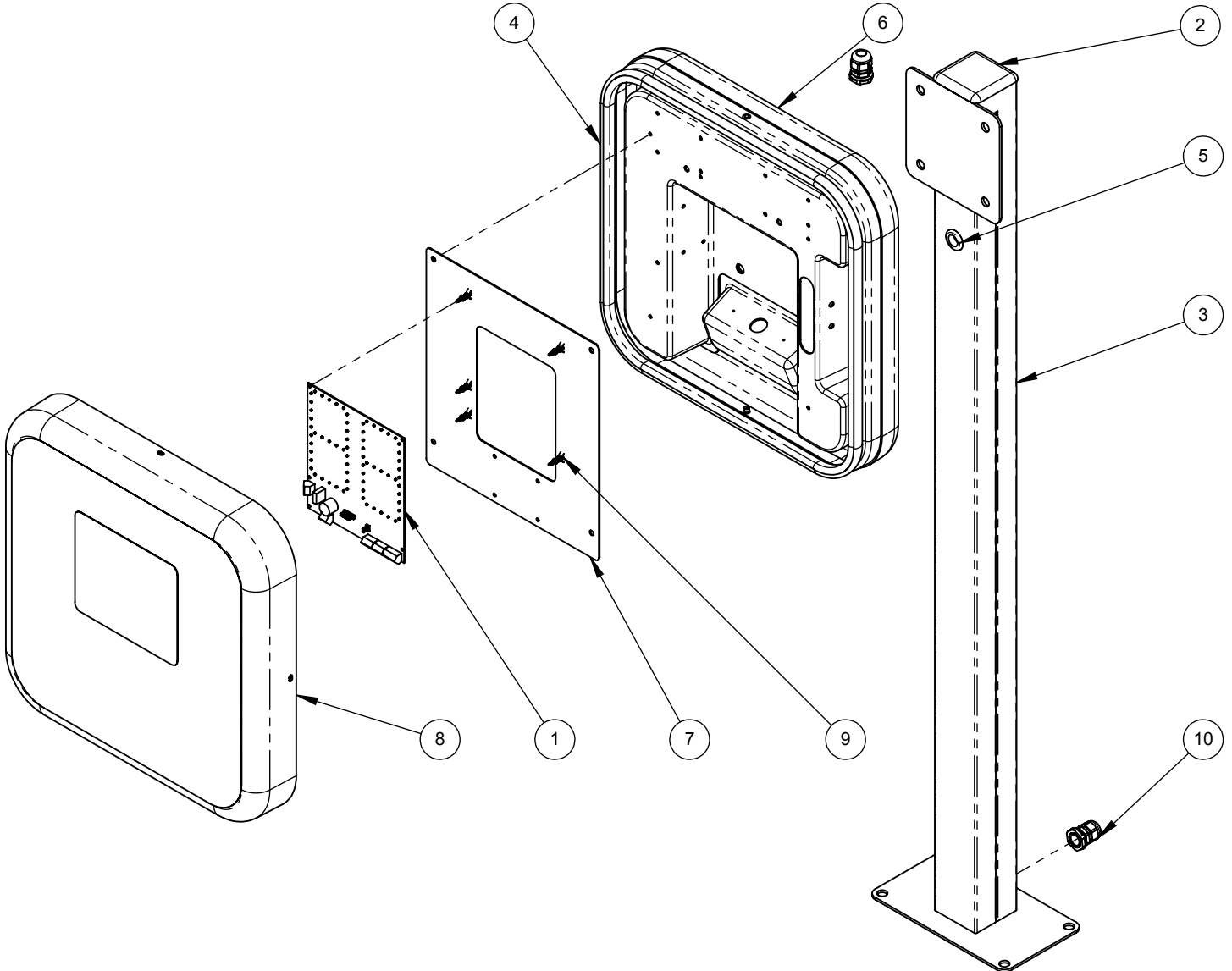
PICTORIAL PARTS CATALOG		
DESCRIPTION: STAND ALONE DRYER OSCILLATING CONTROLS		
DWG. NO. 11010194	REV 04	SHEET 1 OF 1





SIGN FACE

ITEM	PART #	DESCRIPTION
1	04580032	CIRCUIT BOARD, PDQ COUNTDOWN TIMER,24VAC
2	06160198	COVER,ENDPLATE,LWM5,3.00x3.00-TUBE
3	06250040	FRAME,TIMER,50.13,SST
4	06070030	GASKET,HOUSING,ENTRANCE-SIGN,NPRN
5	76140	GROMMET, .62x1.12x.06,BUNA
6	06240061	PANEL,SIGN,18x18,MOLDED,BACK,ENTRANCE
7	06240245	PLATE,ADAPTER,COUNTDWTIMER,SIGN
8	06420164	SIGN-FACE,COUNTDOWN-TIMER,BSC,NTXT,LW
9	05130025	STAND-OFF,SNAP-IN,PCB-MT,INBAY/CONFIRM
10	36402	STRAIN-RELIEF, .236-.472",POLY,W/LOCKNUT



PICTORIAL PARTS CATALOG

DESCRIPTION:
**BASIC COUNTDOWN-TIMER
 NO TEXT**

DWG. NO.	REV	SHEET
09020159	00	1 OF 1

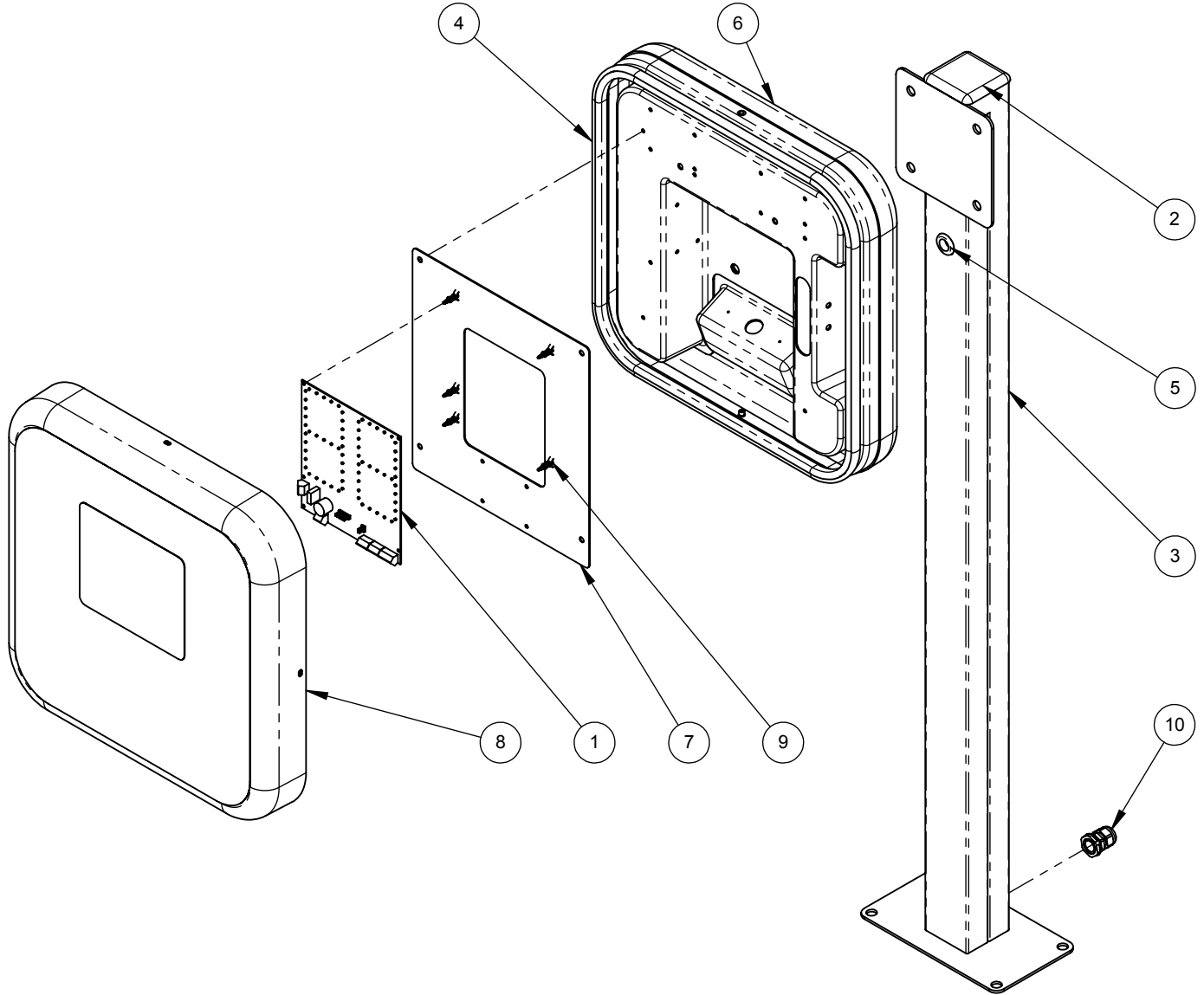
PDQ
 VEHICLE WASH SYSTEMS

PART OF OPW **DOVER** COMPANY



SIGN FACE

ITEM	PART #	DESCRIPTION
1	04580032	CIRCUIT BOARD, PDQ COUNTDOWN TIMER,24VAC
2	06160198	COVER,ENDPLATE,LWM5,3.00x3.00-TUBE
3	06250040	FRAME,TIMER,50.13,SST
4	06070030	GASKET,HOUSING,ENTRANCE-SIGN,NPRN
5	76140	GROMMET, .62x1.12x.06,BUNA
6	06240061	PANEL,SIGN,18x18,MOLDED,BACK,ENTRANCE
7	06240245	PLATE,ADAPTER,COUNTDWTIMER,SIGN
8	06420163	SIGN-FACE,COUNTDOWN-TIMER,BSC,ENG,LW
9	05130025	STAND-OFF,SNAP-IN,PCB-MT,INBAY/CONFIRM
10	36402	STRAIN-RELIEF, .236-.472",POLY,W/LOCKNUT



PICTORIAL PARTS CATALOG

DESCRIPTION:
BASIC COUNTDOWN TIMER - ENGLISH TEXT

DWG. NO.	REV	SHEET
09020158	00	1 OF 1

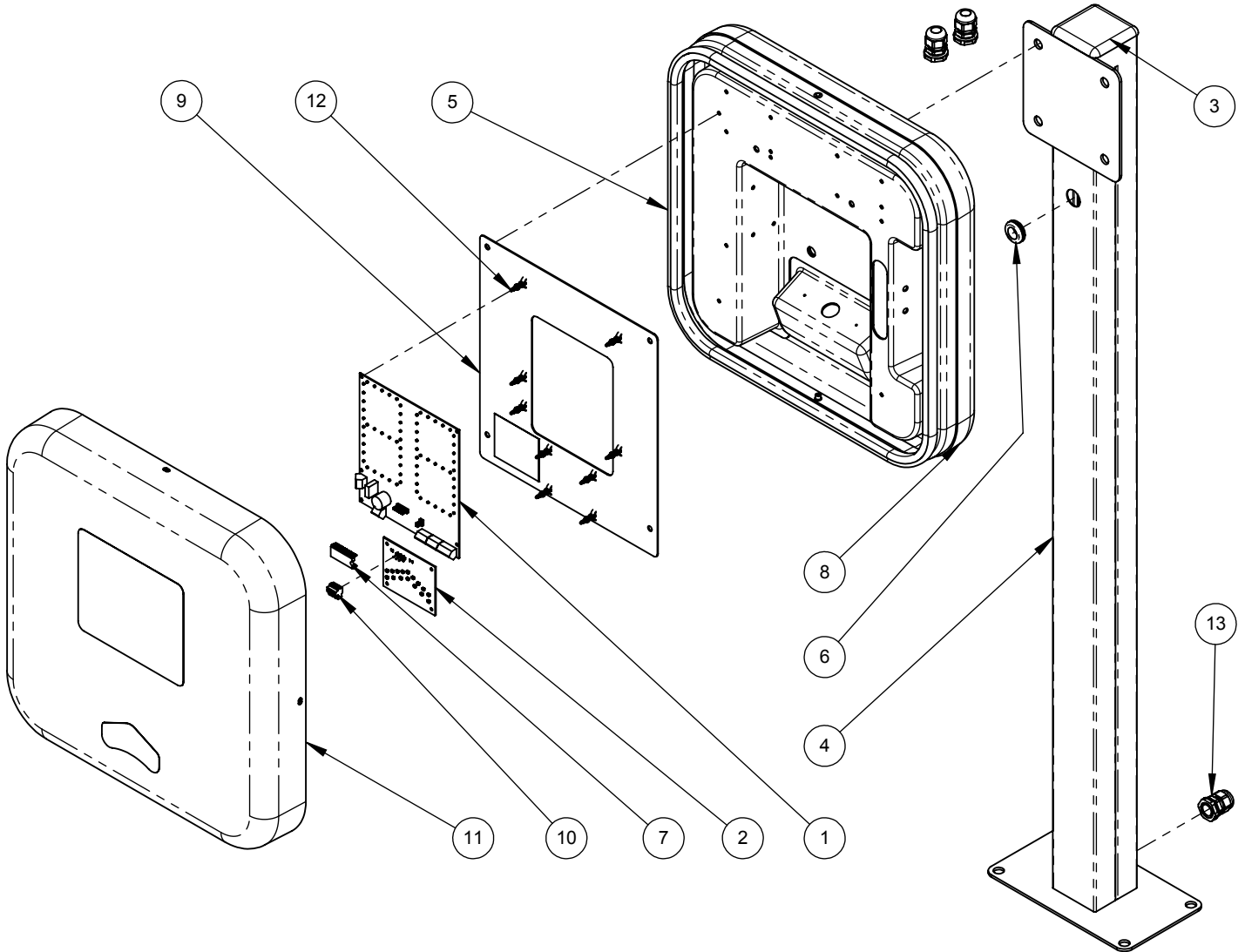
PDQ
 VEHICLE WASH SYSTEMS

PART OF OPW **DOVER** COMPANY



SIGN FACE



ITEM	PART #	DESCRIPTION
1	04580032	CIRCUIT BOARD, PDQ COUNTDOWN TIMER,24VAC
2	04580027	CIRCUIT-BOARD,LED,CHEVRON,GREEN
3	06160198	COVER,ENDPLATE,LWM5,3.00x3.00-TUBE
4	06250040	FRAME,TIMER,50.13,SST
5	06070030	GASKET,HOUSING,ENTRANCE-SIGN,NPRN
6	76140	GROMMET,.62x1.12x.06,BUNA
7	04590019	IC-CHIP,ISOLATED_RS485,COUNTDOWNTIMER
8	06240061	PANEL,SIGN,18x18,MOLDED,BACK,ENTRANCE
9	06240245	PLATE,ADAPTER,COUNTDWNTIMER,SIGN
10	04560020	PLUG,PCB,3PIN,5mm,250V/10A,14-24AWG,GRN
11	06420162	SIGN-FACE,COUNTDOWN-TIMER,DLX,NTXT,LW
12	05130025	STAND-OFF,SNAP-IN,PCB-MT,INBAY/CONFIRM
13	36402	STRAIN-RELIEF,.236-.472",POLY,W/LOCKNUT




PICTORIAL PARTS CATALOG

DESCRIPTION:
**DELUXE COUNTDOWN TIMER-
NO TEXT**

DWG. NO.	REV	SHEET
09020157	00	1 OF 1

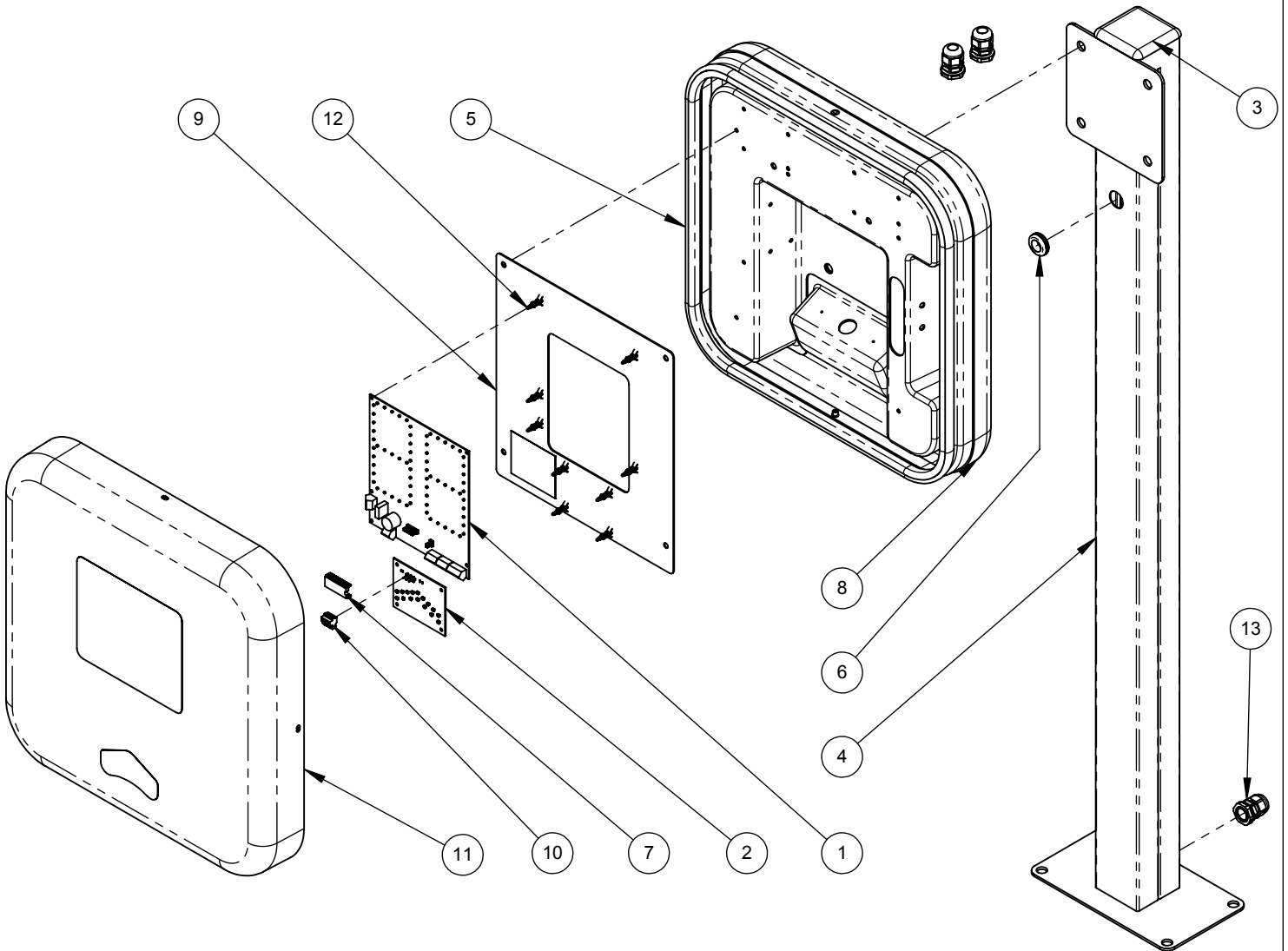
VEHICLE WASH SYSTEMS

PART OF OPW 



SIGN FACE

ITEM	PART #	DESCRIPTION
1	04580032	CIRCUIT BOARD, PDQ COUNTDOWN TIMER,24VAC
2	04580027	CIRCUIT-BOARD,LED,CHEVRON,GREEN
3	06160198	COVER,ENDPLATE,LWM5,3.00x3.00-TUBE
4	06250040	FRAME,TIMER,50.13,SST
5	06070030	GASKET,HOUSING,ENTRANCE-SIGN,NPRN
6	76140	GROMMET,.62x1.12x.06,BUNA
7	04590019	IC-CHIP,ISOLATED_RS485,COUNTDOWNTIMER
8	06240061	PANEL,SIGN,18x18,MOLDED,BACK,ENTRANCE
9	06240245	PLATE,ADAPTER,COUNTDWNTIMER,SIGN
10	04560020	PLUG,PCB,3PIN,5mm,250V/10A,14-24AWG,GRN
11	06420161	SIGN-FACE,COUNTDOWN-TIMER,DLX,ENG,LW
12	05130025	STAND-OFF,SNAP-IN,PCB-MT,INBAY/CONFIRM
13	36402	STRAIN-RELIEF,.236-.472",POLY,W/LOCKNUT



PICTORIAL PARTS CATALOG

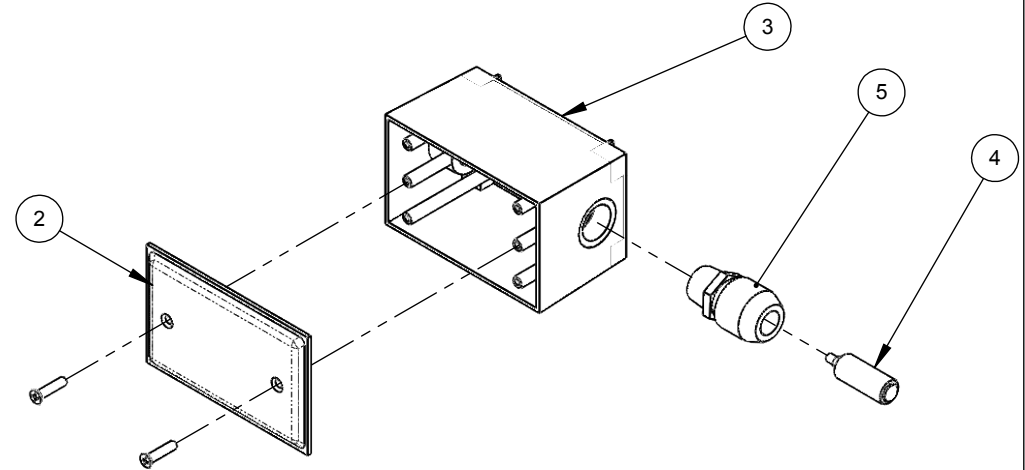
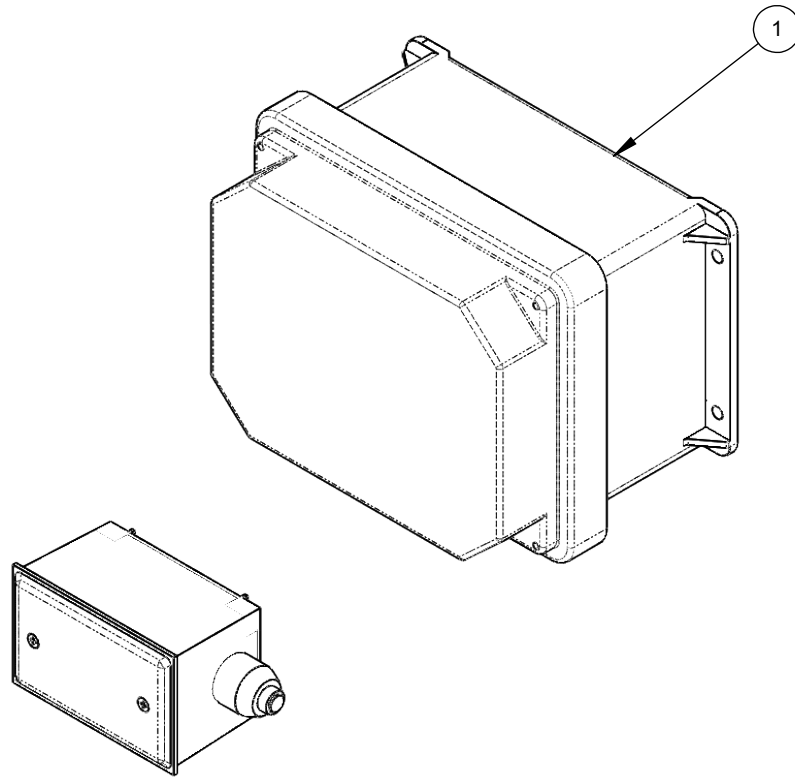
DESCRIPTION:
**DELUXE COUNTDOWN TIMER-
 ENGLISH TEXT**

DWG. NO.	REV	SHEET
09020156	00	1 OF 1

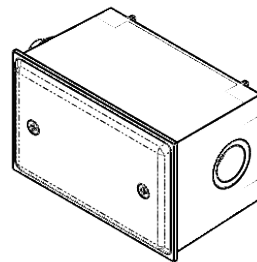
PDQ
 VEHICLE WASH SYSTEMS



PART OF OPW **DOVER** COMPANY

ITEM	PART #	DESCRIPTION
1	11010275	CONTROL-BOX,DOOR-PACKAGE,BASIC
2	39613	COVER PLATE WEATHERPROOF BLANK
3	39609	JUNCTION-BOX,2x4,OUTDOOR
4	93176	PHOTO-EYE,THRU-BEAM,SET,14MM,CARLO
5	36415	STRAIN RELIEF 1/2 .31-.56"CORD,PLASTIC

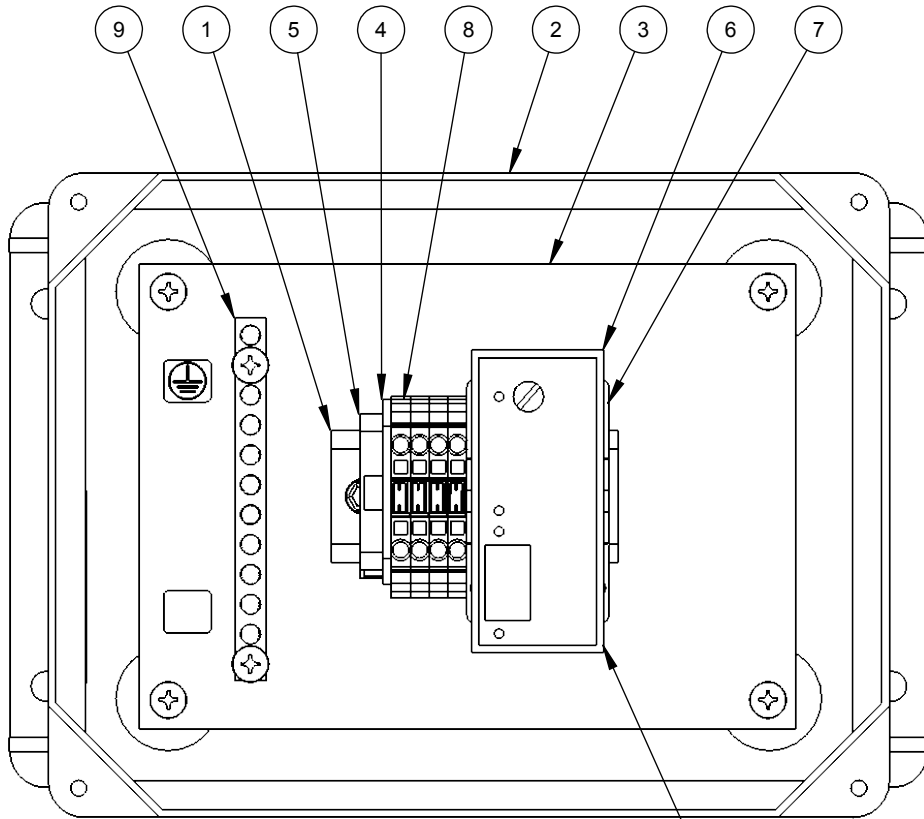


EYE ASSEMBLY






PICTORIAL PARTS CATALOG		
DESCRIPTION: DRYER SHUTOFF KIT		
DWG. NO. KIT4930S	REV 01	SHEET 1 OF 1
		
VEHICLE WASH SYSTEMS		
PART OF OPW		

ITEM	PART #	DESCRIPTION
1	36950-3.00	DIN-RAIL, 35mmx3.00", AL
2	04090029	ENCLOSURE, 8x6x6, FBRGL, NEMA4X
3	04090019	ENCLOSURE, PANEL, 152X124X2mm, ALUMINUM
4	36606	END-PLATE, FRONT, 2P, PLST, 280-331
5	36650	END-STOP, 6mm, PLST, GRAY, 249-116
6	93194	PHOTO-EYE, AMP, 24VAC, 10A, SPDT, 11PIN
7	04060003	RELAY-SOCKET, 11-PIN CIRC, 300VAC, 10A
8	36506	TERMINAL-BLK, 26-12GA, 2P, PLST, 280-601
9	04100046	TERMINAL-BLOCK, GND-BAR, 9P, 8-14AWG, 225A



COVER REMOVED

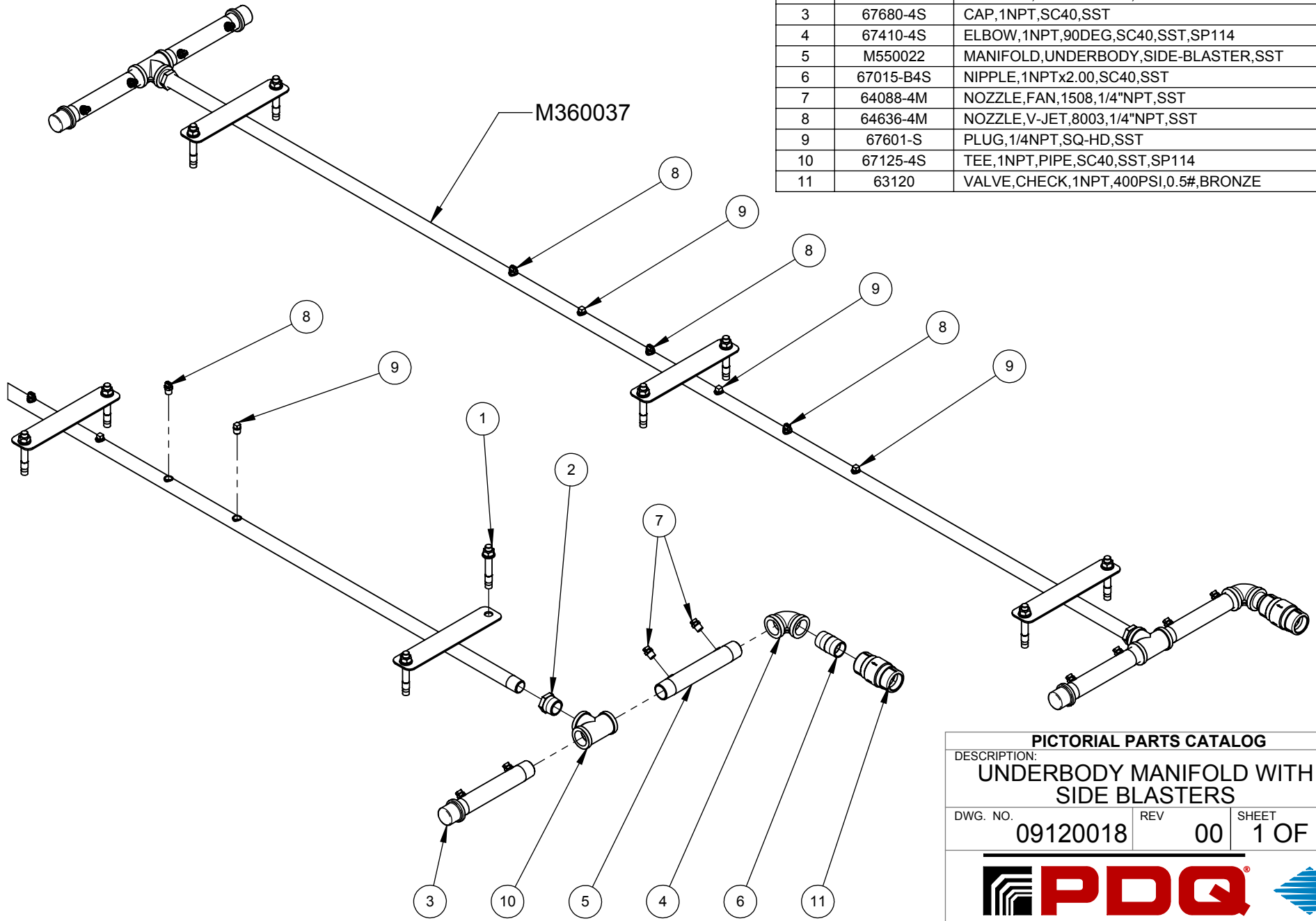
SET PHOTO AMP DIAL TO AUTO. SET DIP SWITCHES TO OFF.

PICTORIAL PARTS CATALOG		
DESCRIPTION: DOOR CONTROL BOX		
DWG. NO.	REV	SHEET
11010275	02	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		



Entrance Services



ITEM	PART #	DESCRIPTION
1	05090001	ANCHOR,STUD,1/2-13UNCx3-3/4",SST
2	67714-S	BUSHING,1NPTx3/4NPT,SST
3	67680-4S	CAP,1NPT,SC40,SST
4	67410-4S	ELBOW,1NPT,90DEG,SC40,SST,SP114
5	M550022	MANIFOLD,UNDERBODY,SIDE-BLASTER,SST
6	67015-B4S	NIPPLE,1NPTx2.00,SC40,SST
7	64088-4M	NOZZLE,FAN,1508,1/4"NPT,SST
8	64636-4M	NOZZLE,V-JET,8003,1/4"NPT,SST
9	67601-S	PLUG,1/4NPT,SQ-HD,SST
10	67125-4S	TEE,1NPT,PIPE,SC40,SST,SP114
11	63120	VALVE,CHECK,1NPT,400PSI,0.5#,BRONZE




PICTORIAL PARTS CATALOG

DESCRIPTION:
**UNDERBODY MANIFOLD WITH
SIDE BLASTERS**

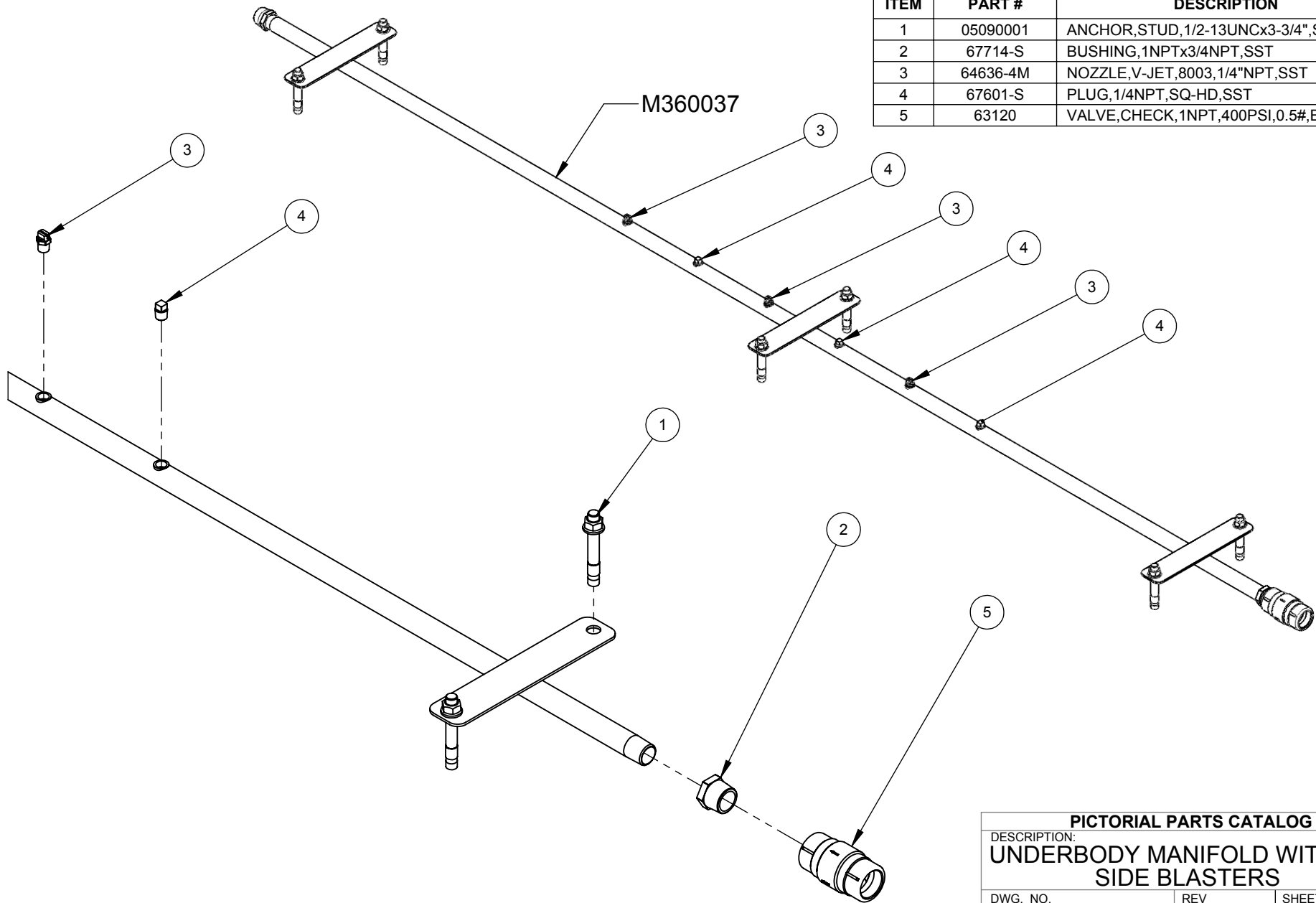
DWG. NO.	REV	SHEET
09120018	00	1 OF 1







VEHICLE WASH SYSTEMS

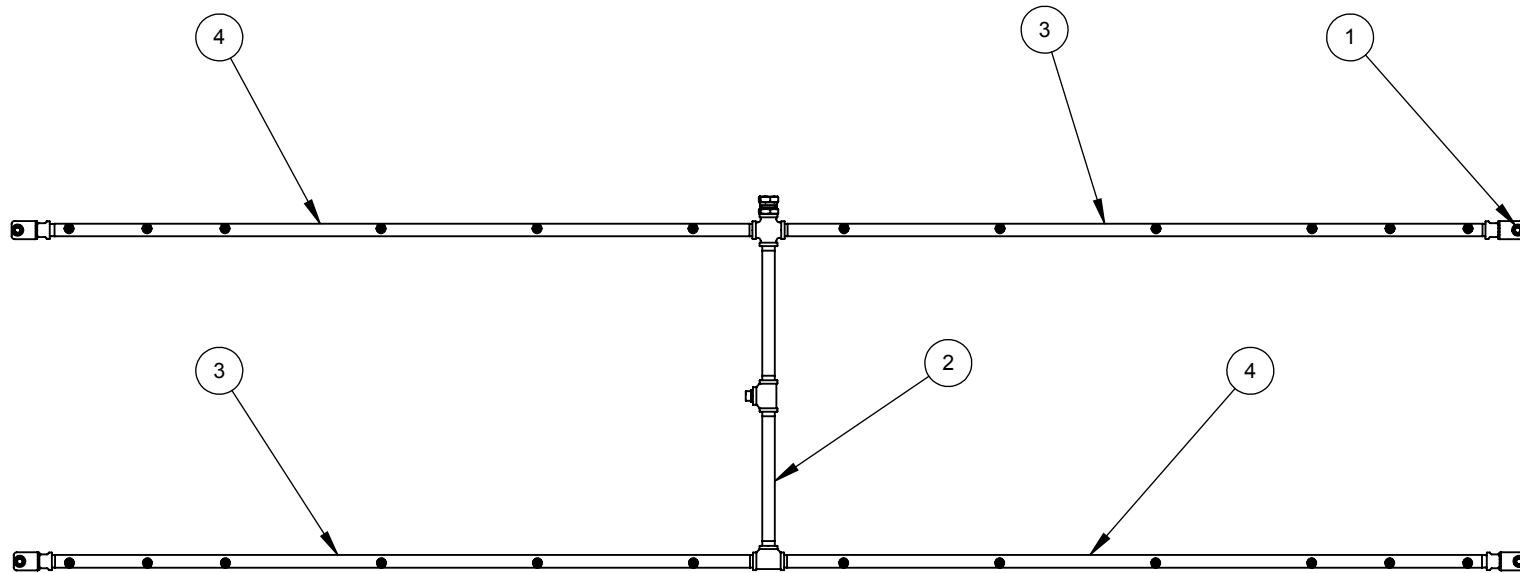
PART OF OPW  COMPANY



ITEM	PART #	DESCRIPTION
1	05090001	ANCHOR, STUD, 1/2-13UNCx3-3/4", SST
2	67714-S	BUSHING, 1NPTx3/4NPT, SST
3	64636-4M	NOZZLE, V-JET, 8003, 1/4"NPT, SST
4	67601-S	PLUG, 1/4NPT, SQ-HD, SST
5	63120	VALVE, CHECK, 1NPT, 400PSI, 0.5#, BRONZE



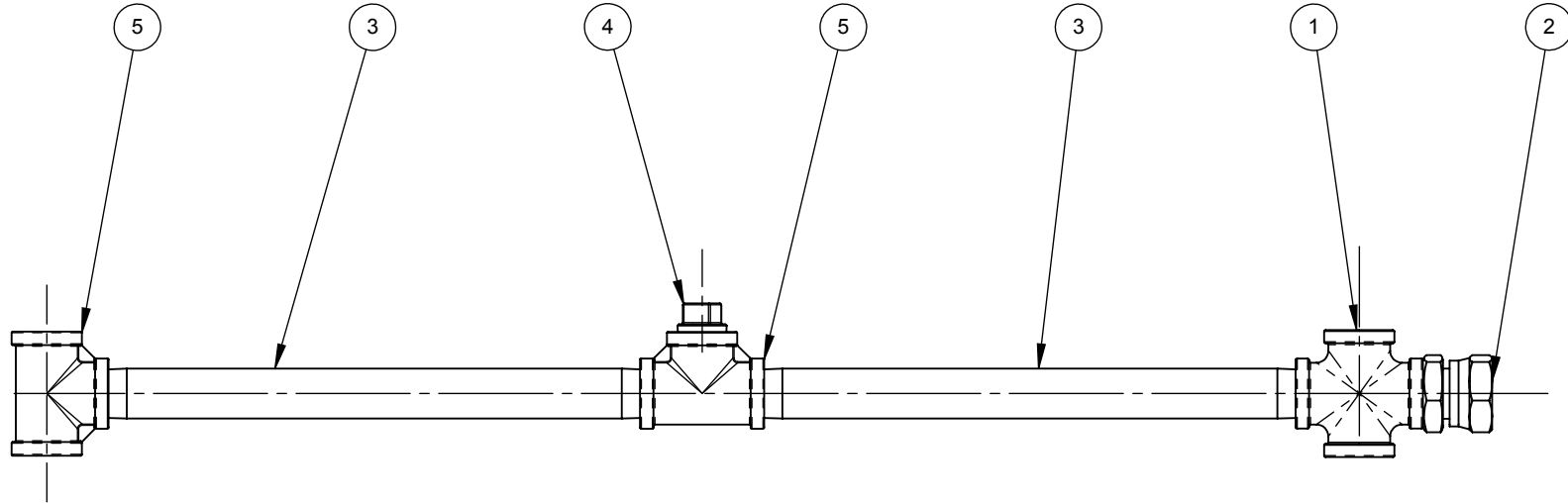
PICTORIAL PARTS CATALOG		
DESCRIPTION: UNDERBODY MANIFOLD WITHOUT SIDE BLASTERS		
DWG. NO.	REV	SHEET
09120019	00	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		




ITEM	PART #	DESCRIPTION
1	05090001	ANCHOR,STUD,1/2-13UNCx3-3/4",SST
2	11250300	MANIFOLD,UNDERBODY,IN-PLACE,CENTER,HP,LW360P
3	11250301-LH	MANIFOLD,UNDERBODY,IN-PLACE,W-NOZ,HP,360P,LH
4	11250301-RH	MANIFOLD,UNDERBODY,IN-PLACE,W-NOZ,HP,360P,RH



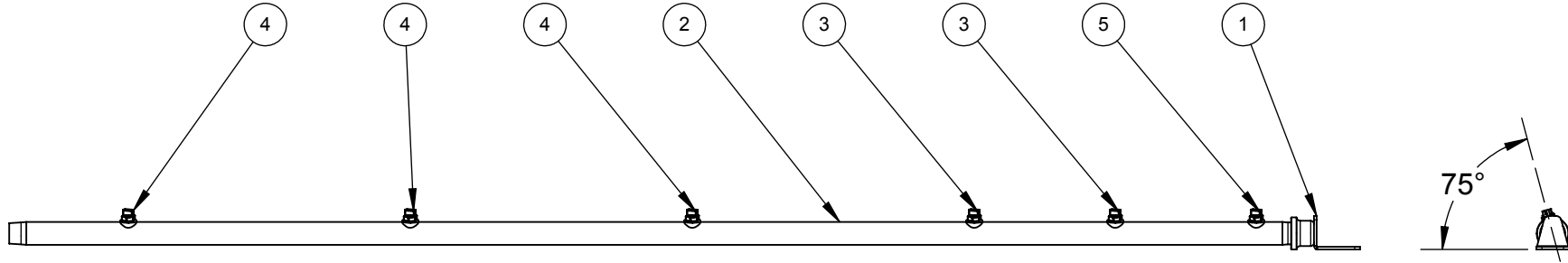
PICTORIAL PARTS CATALOG		
DESCRIPTION: UNDERBODY MANIFOLD - IN PLACE		
DWG. NO. 11250299	REV 01	SHEET 1 OF 1
		
VEHICLE WASH SYSTEMS		
PART OF OPW		ADOVER COMPANY



ITEM	PART #	DESCRIPTION
1	03060001	CROSS,3/4NPT,SCH40,SST
2	44563-N	HYD-FTG ADPT FEMSWVL 1X3/4 MALE STL NI
3	03130028	NIPPLE,3/4NPTx12.00",SC40,SST
4	67604-S	PLUG,3/4NPT,SQ-HD,SST
5	67120-4S	TEE,3/4NPT,PIPE,SC40,SST,SP114



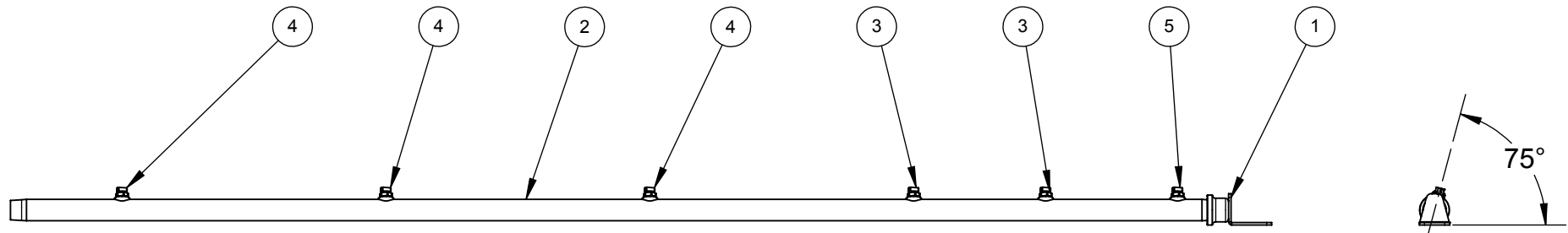
PICTORIAL PARTS CATALOG		
DESCRIPTION: IN PLACE UNDERBODY - CENTER MANIFOLD		
DWG. NO.	REV	SHEET
11250300	00	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		



ITEM	PART #	DESCRIPTION
1	03100019	CAP, 3/4"NPT, SCH40, WELDED, W/BRACKET, SST
2	03220235	MANIFOLD, PIPE, 3/4", SCH40, 6-1/4"-PORTS, SST
3	64080-4M	NOZZLE, FAN, 1503, 1/4"NPT, SST
4	64116-4M	NOZZLE, FAN, 2503, 1/4"NPT, SST
5	64152-4M	NOZZLE, FAN, 4003, 1/4"NPT, SST

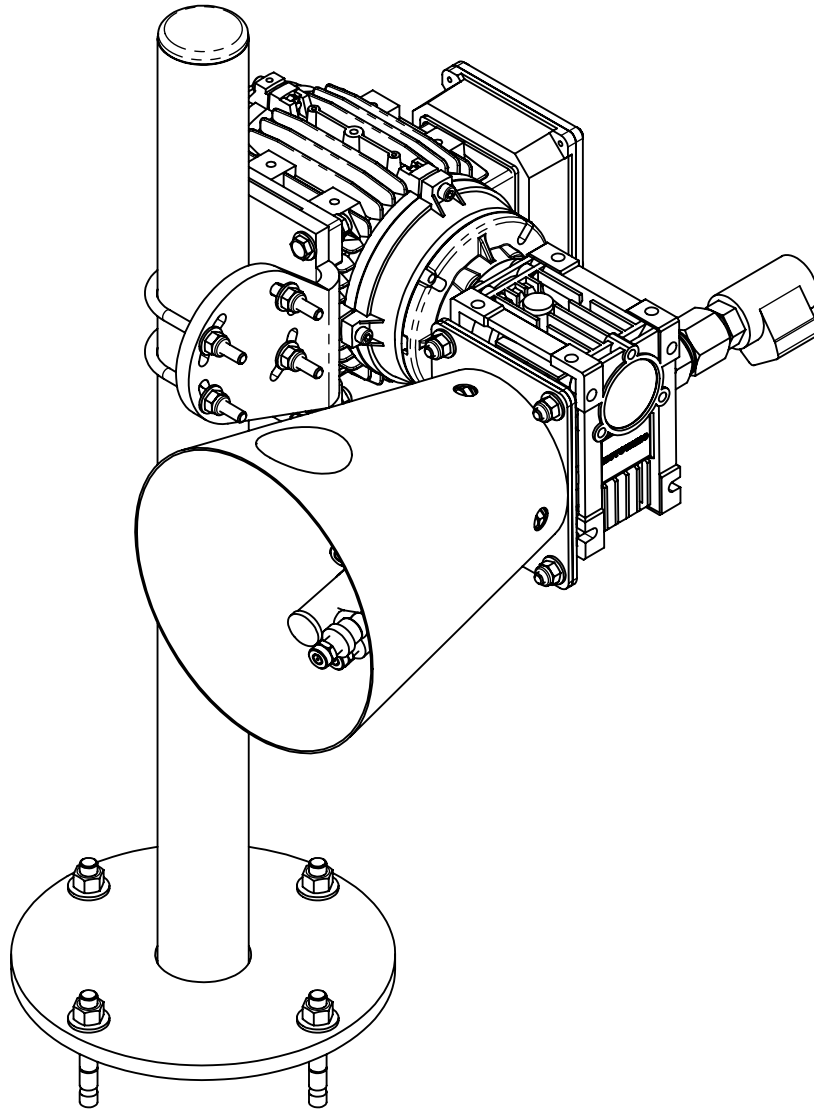


PICTORIAL PARTS CATALOG		
DESCRIPTION: IN PLACE UNDERBODY - RIGHT MANIFOLD		
DWG. NO. 11250301-RH	REV 00	SHEET 1 OF 1
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small> 		

ITEM	PART #	DESCRIPTION
1	03100019	CAP,3/4NPT,SCH40,WELDED,W/BRACKET,SST
2	03220235	MANIFOLD,PIPE,3/4",SCH40,6-1/4-PORTS,SST
3	64080-4M	NOZZLE,FAN,1503,1/4"NPT,SST
4	64116-4M	NOZZLE,FAN,2503,1/4"NPT,SST
5	64152-4M	NOZZLE,FAN,4003,1/4"NPT,SST



PICTORIAL PARTS CATALOG		
DESCRIPTION: IN PLACE UNDERBODY - LEFT MANIFOLD		
DWG. NO. 11250301-LH	REV 00	SHEET 1 OF 1
		
VEHICLE WASH SYSTEMS		
PART OF OPW		ADOVER COMPANY



ITEM	PART #	DESCRIPTION
1	05090004	ANCHOR,STUD,3/8-16x2-3/4",SST
2	05040238	BOLT,1/4-20x2.00x3.25,U-BOLT,SST
3	06140903	BRACKET,MTR-MNT,1650RPM,1/2HP,ROTARY-GUN
4	05120023	COLLAR,.75",DOUBLE-SPLIT,SST
5	06160338	COVER,MANIFOLD,GATLING GUN,CONE
6	02030342	DECAL,WARNING,HAZARDOUS-MOVING-PARTS
7	67485-4S	ELBOW STREET 90 DE 1/8 304 SS
8	06250078	FRAME,LEG,ROTARY GUN,ALUMINUM
9	06280041	GEARBOX-MOTOR,1650RPM,1/2HP,GUNS,50/60HZ
10	03220222	MANIFOLD,ROTARY-GUN,SST
11	64011-8M	NOZZLE,FAN,0004,1/8"NPT,SST
12	06240584	PLATE,MOUNT,CONE,GAT-GUN,MRV
13	03080033	PLUG,1.875" TUBE,PUSH-IN,BLK PLSTC
14	03360004	SLEEVE,3/4",TUBE FRONT-FERRULE,SST
15	03360003	SLEEVE,3/4" TUBE,BACKING-FERRULE,SST
16	06180074	SPACER,CONE-MOUNT,GATLING-GUN
17	05120040	SPRING-PIN,.125"x1.00,SST
18	03240012	SWIVEL,90°,1/2FNPT,GATLING,INBAY
19	03320046	TUBE-FTG,CONN,3/4Tx1/2FNPT,COMP,BRS

PICTORIAL PARTS CATALOG

DESCRIPTION:

ELECTRIC GATLING GUN

DWG. NO.

11400009

REV

03

SHEET

1 OF 2

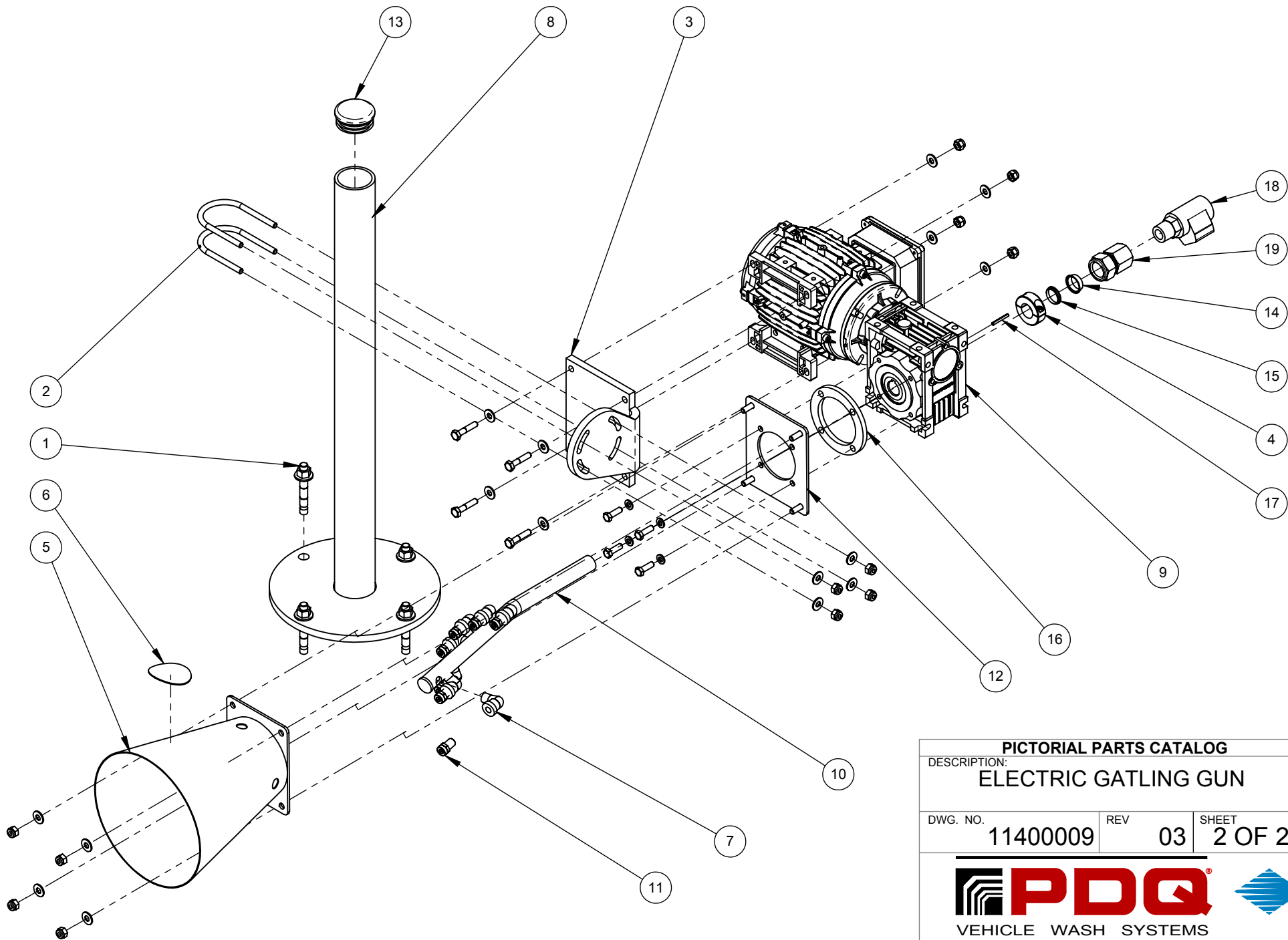




VEHICLE WASH SYSTEMS



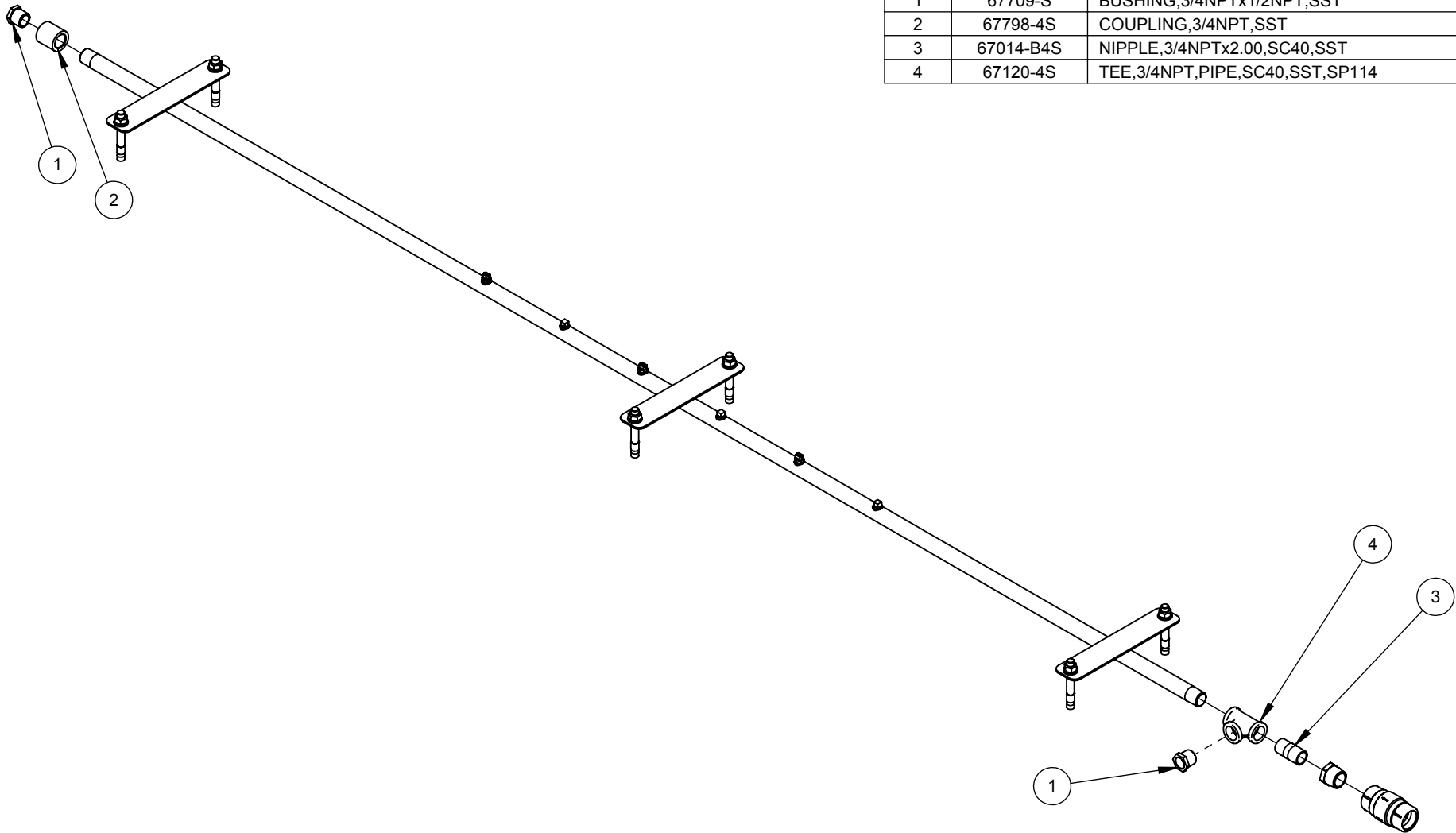
PART OF OPW



ADOVER COMPANY

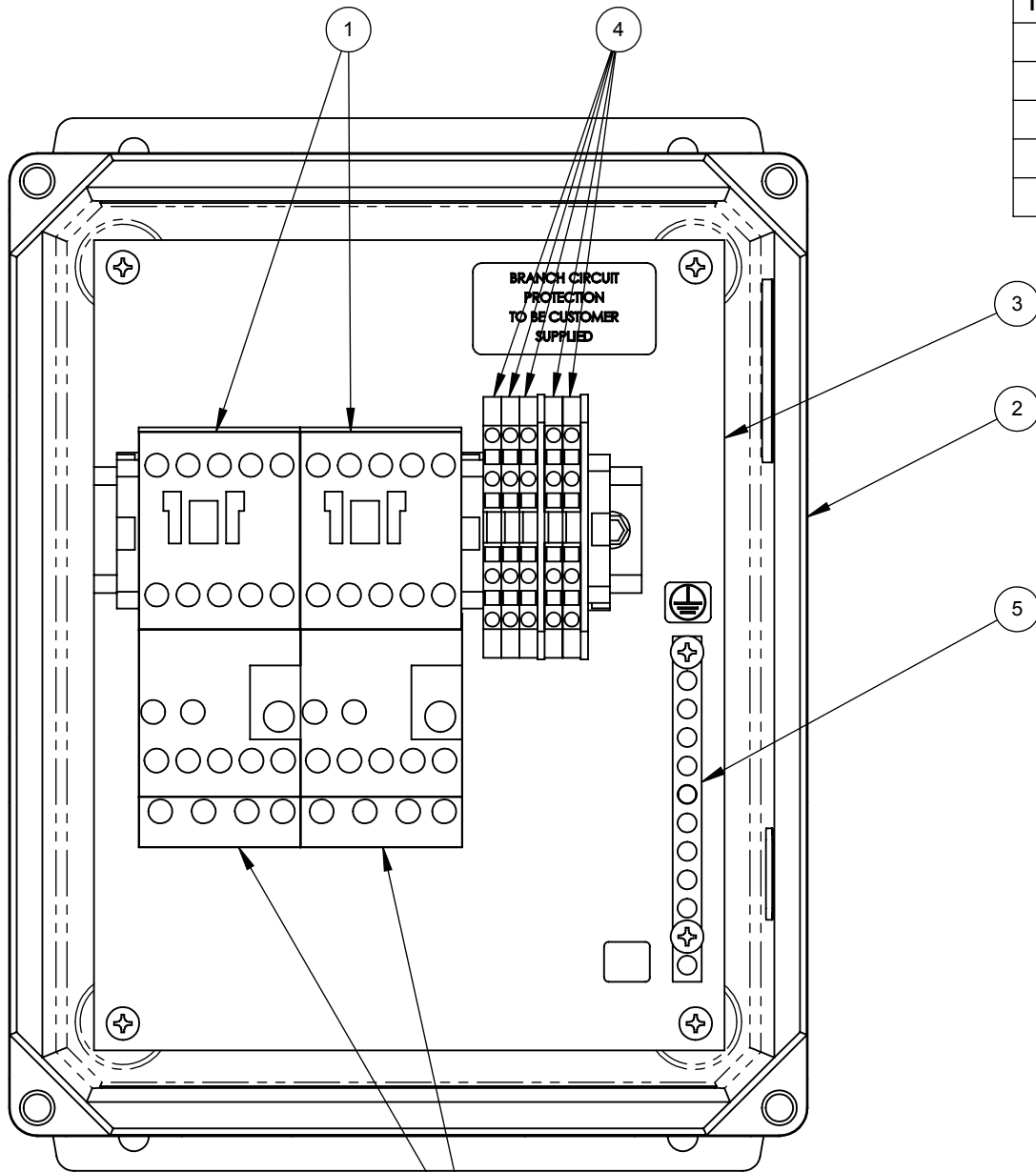


PICTORIAL PARTS CATALOG		
DESCRIPTION: ELECTRIC GATLING GUN		
DWG. NO.	REV	SHEET
11400009	03	2 OF 2
 PDQ VEHICLE WASH SYSTEMS		
PART OF OPW  COMPANY		

ITEM	PART #	DESCRIPTION
1	67709-S	BUSHING,3/4NPTx1/2NPT,SST
2	67798-4S	COUPLING,3/4NPT,SST
3	67014-B4S	NIPPLE,3/4NPTx2.00,SC40,SST
4	67120-4S	TEE,3/4NPT,PIPE,SC40,SST,SP114






PICTORIAL PARTS CATALOG		
DESCRIPTION: GATLING GUN LOOSE PARTS		
DWG. NO.	REV	SHEET
11400010	00	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

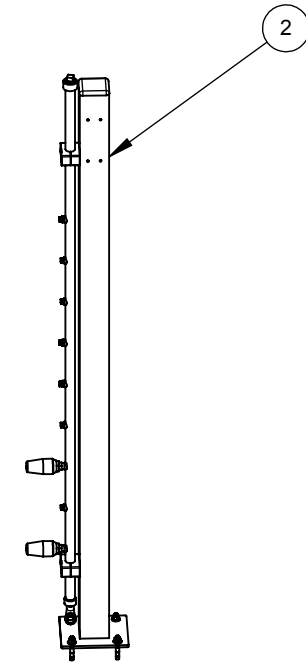
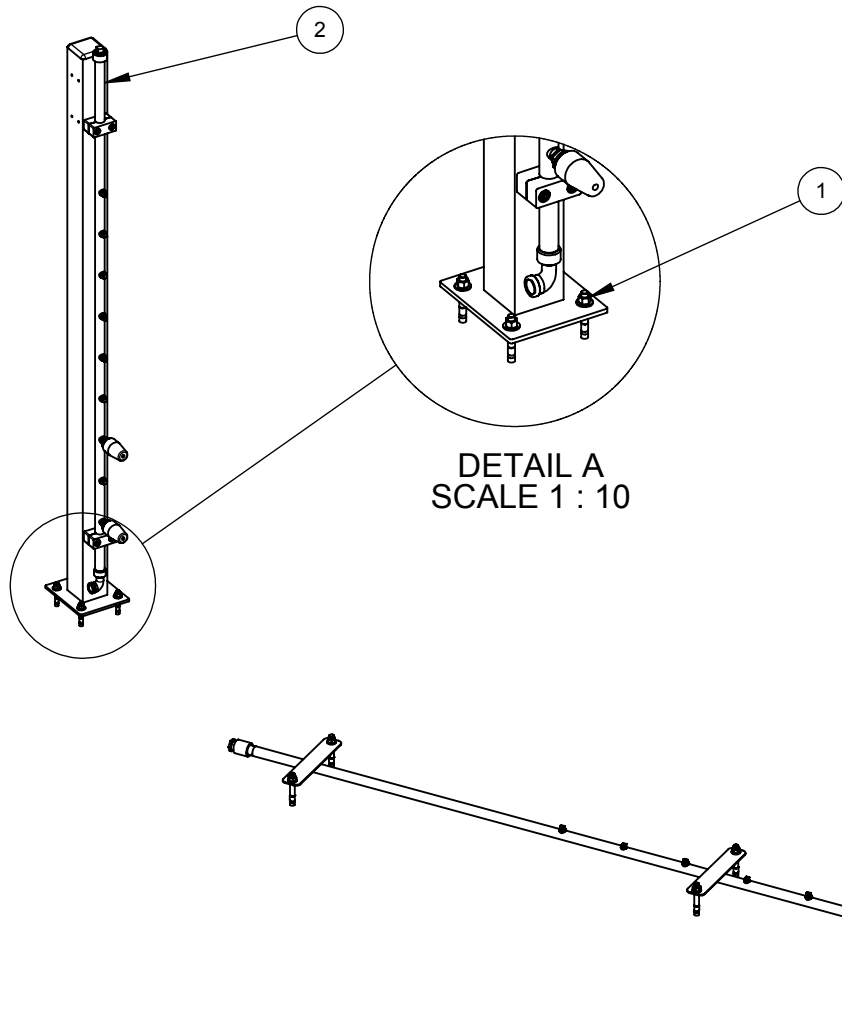


ITEM	PART #	DESCRIPTION
1	04020001	CONTACTOR,9A,1(NO),24VAC
2	04090109	ENCLOSURE,10x8",FIBERGLASS
3	04090028	ENCLOSURE,PANEL,8.88x6.88x.08",AL
4	36507	TERMINAL-BLK,26-14GA,4P,GRAY
5	04100046	TERMINAL-BLOCK,GND-BAR,9P,8-14AWG,225A

PART NO 04030005 FOR 208/230V 60 HZ
 AMP SETTING 2.2A
 PART NO 04030004 FOR 400V 50 HZ
 AMP SETTING 1.2A

PICTORIAL PARTS CATALOG		
DESCRIPTION: ELECTRIC GATLING GUN CONTROL BOX		
DWG. NO. 11010162	REV 07	SHEET 1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	05090004	ANCHOR,STUD,3/8-16x2-3/4",SST
2	11130023	ARCH,COMBO,TOWER,CLEANER,INBAY

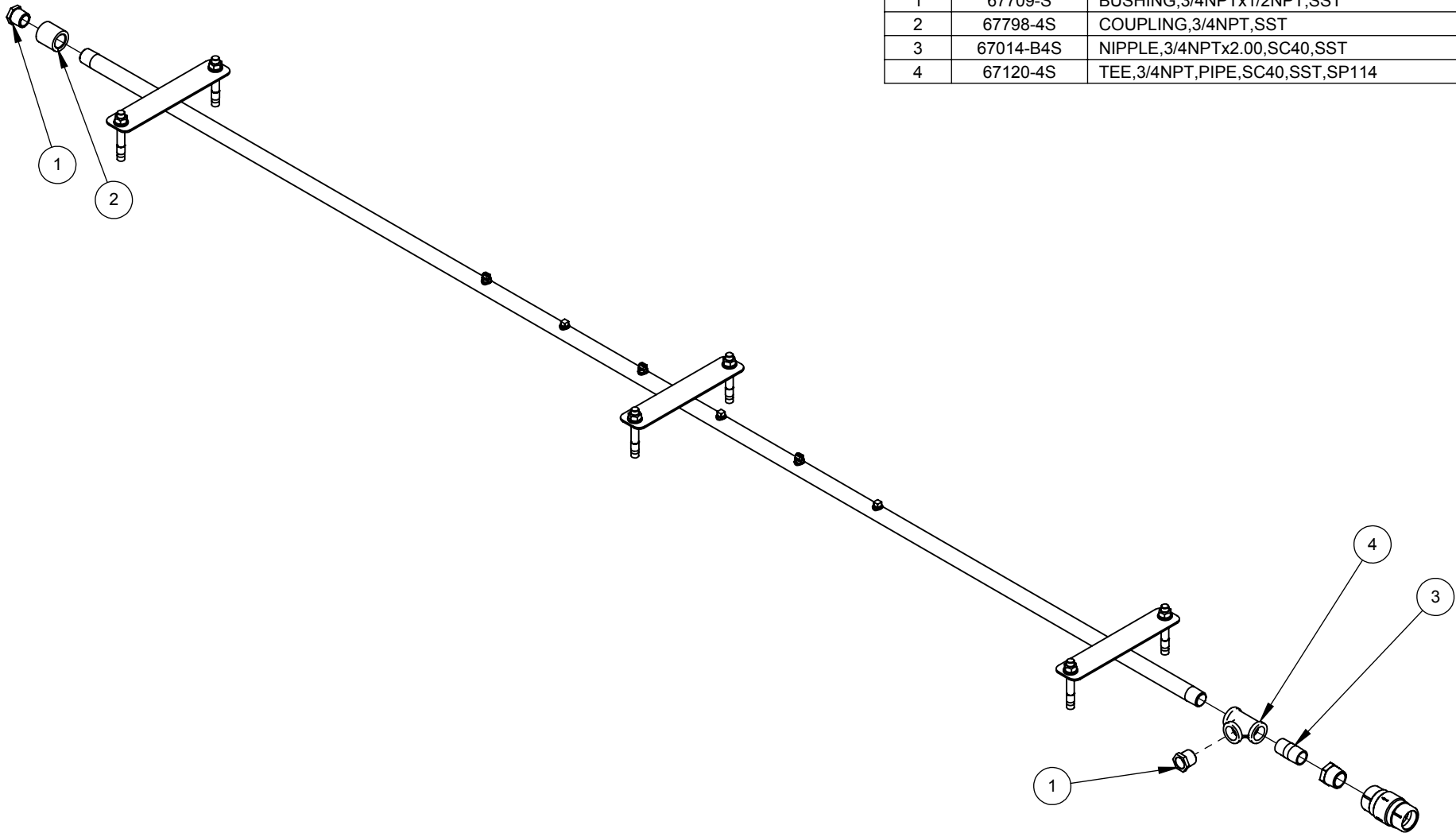


NOZZLES INCLUDED:
NOTE: BE SURE TO ORDER THE NOZZLE USING
THE NUMBER IMPRINTED ON THE FRONT

PDQ PART NO.	NOZZLE NUMBER
64122-4M	2506
64226-4M	6504
64116-4M	2503
64222-4M	6502

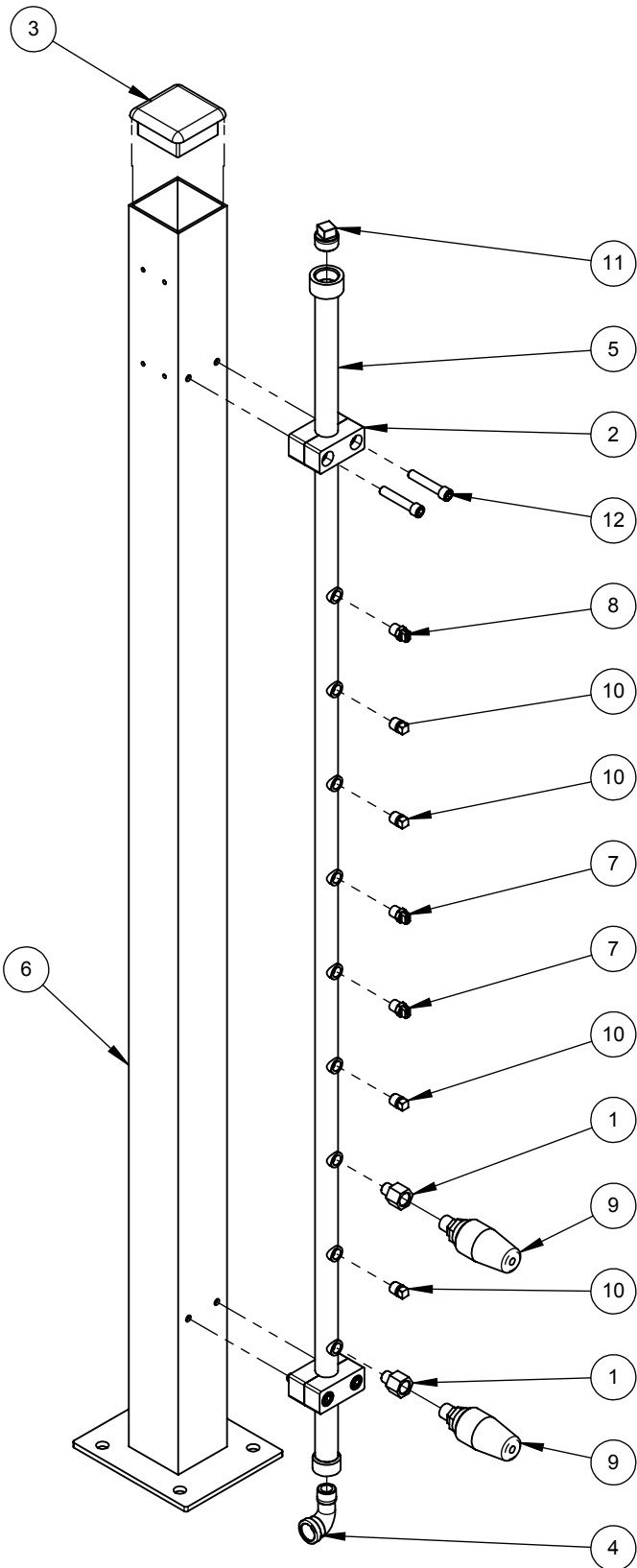
PICTORIAL PARTS CATALOG		
DESCRIPTION: SIDE COMBO CLEANERS		
DWG. NO.	REV	SHEET
09170039	00	1 OF 2
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	67709-S	BUSHING,3/4NPTx1/2NPT,SST
2	67798-4S	COUPLING,3/4NPT,SST
3	67014-B4S	NIPPLE,3/4NPTx2.00,SC40,SST
4	67120-4S	TEE,3/4NPT,PIPE,SC40,SST,SP114



PICTORIAL PARTS CATALOG		
DESCRIPTION: SIDE COMBO CLEANER- UNDERBODY PARTS		
DWG. NO.	REV	SHEET
09170039	00	2 OF 2
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	67914-B	ADAPTER,3/8NPTx1/4NPT,BRS
2	75024	CLAMP,TUBE,1",PP,HEAVY
3	06160198	COVER,ENDPLATE,LWM5,3.00x3.00-TUBE
4	67491-4S	ELBOW,STREET,1/2NPT,90DEG,SST
5	M360522	MANIFOLD 1X.120X63.50 OAL (13) 1/4 PORTS
6	M360507	MOUNT 3"X66.25X.120 SS 6.0X7.0 MNT PLATE
7	64126-4M	NOZZLE,FAN,2510,1/4"NPT,SST
8	64226-4M	NOZZLE,FAN,6504,1/4"NPT,SST
9	03230077	NOZZLE,ROTATING,25DEG-6.5,BRASS
10	67601-S	PLUG,1/4NPT,SQ-HD,SST
11	67604-S	PLUG,3/4NPT,SQ-HD,SST
12	70184-CCS	SCREW,3/8-16X2.00,HSHCS,SST



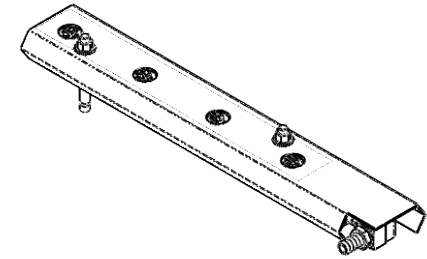
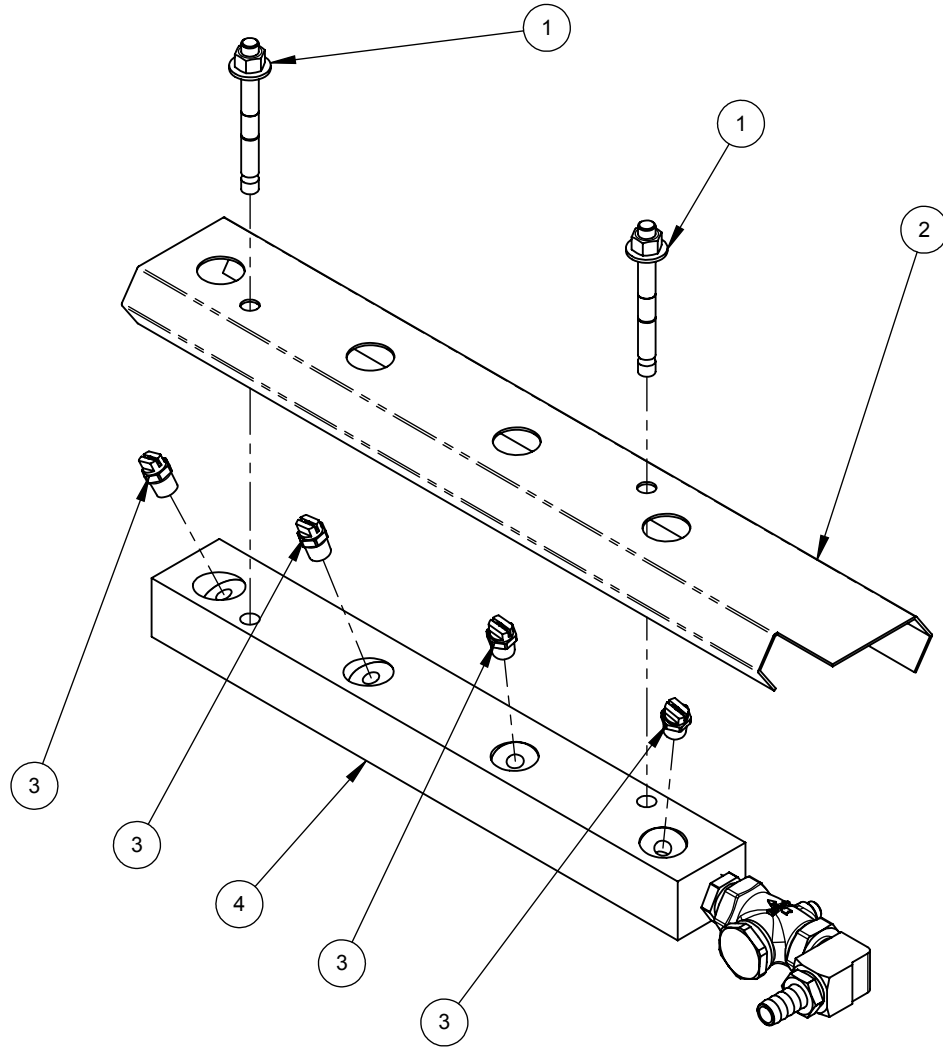
PICTORIAL PARTS CATALOG




DESCRIPTION:
SIDE COMBO CLEANER TOWER

DWG. NO.	REV	SHEET
11130023	02	1 OF 1

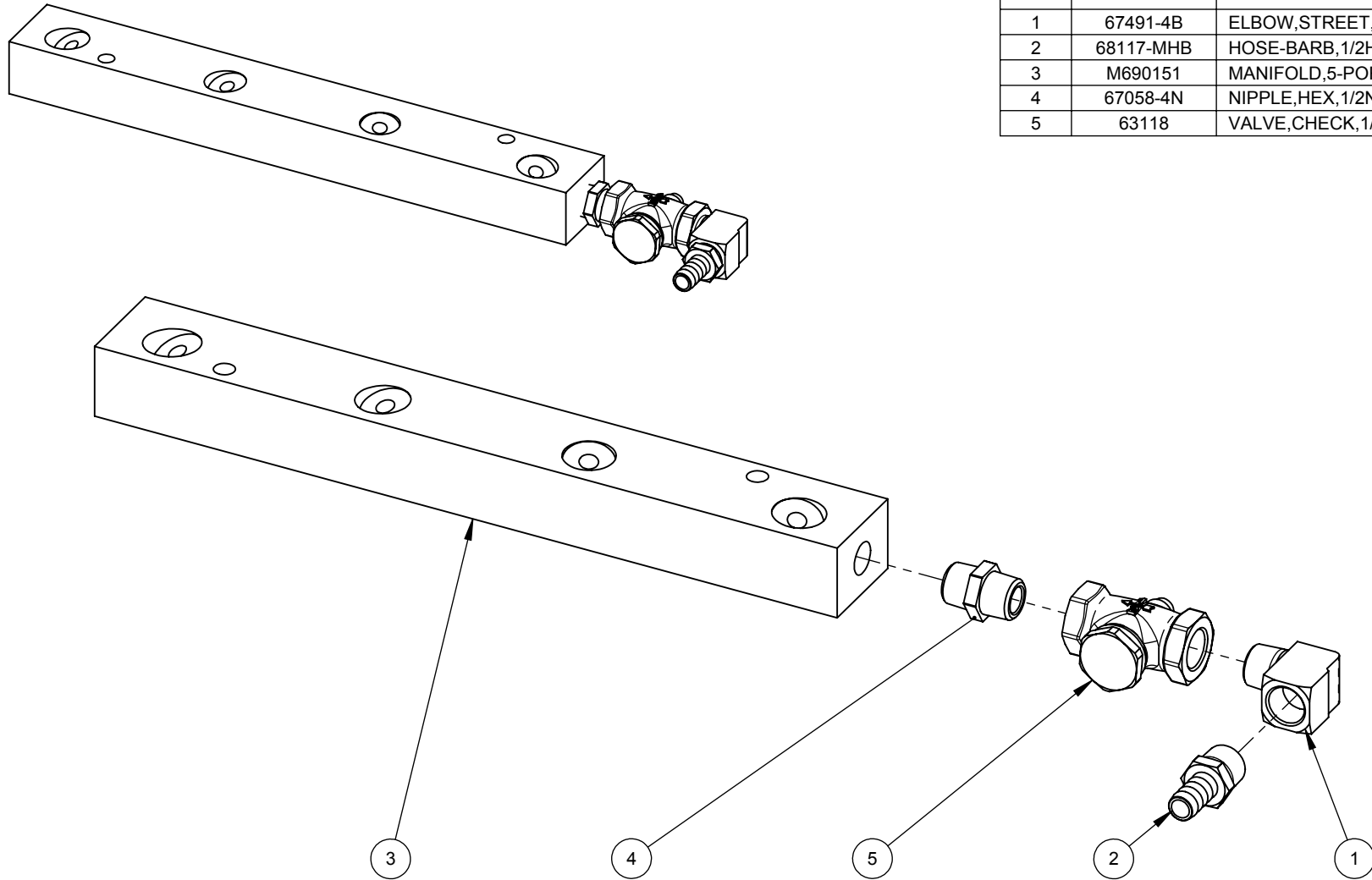


ITEM	PART #	DESCRIPTION
1	05090007	ANCHOR,STUD,3/8-16UNCx3.75",SST
2	M500132	COVER,RUST-INHIBITOR,16GA-SST
3	03230002	NOZZLE,SPRAY,4008,1/4MPT,SST
4	M920320	RUST INHIBITOR ASSEMBLY



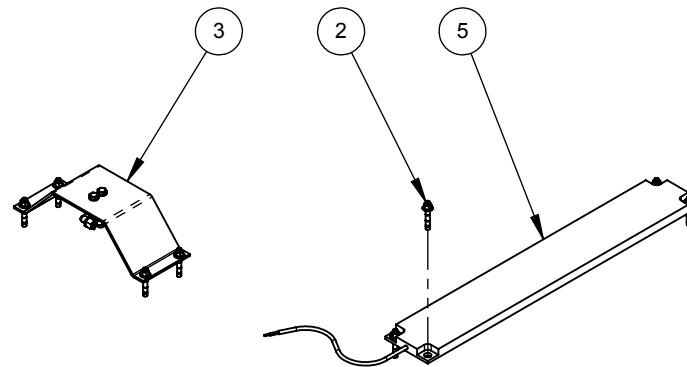
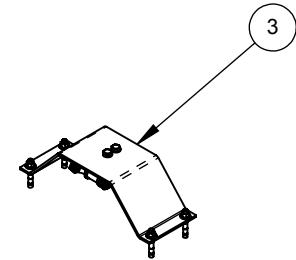
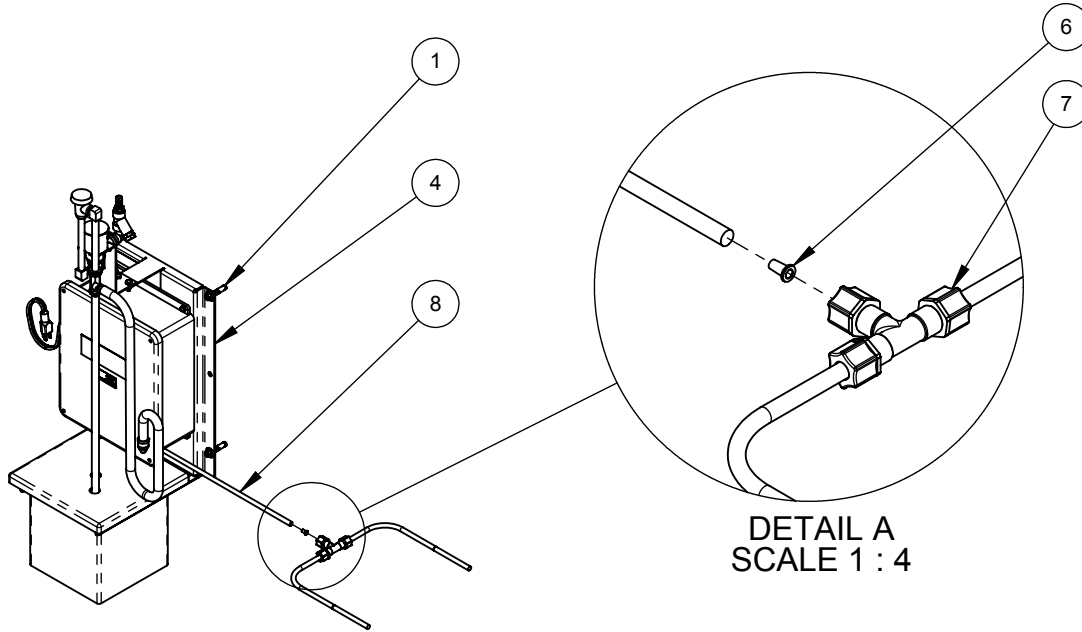
PICTORIAL PARTS CATALOG		
DESCRIPTION: RUST INHIBITOR ASSEMBLY		
DWG. NO.	REV	SHEET
09120039	00	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		



ITEM	PART #	DESCRIPTION
1	67491-4B	ELBOW, STREET, 1/2NPT, 90DEG, SC40, BRS
2	68117-MHB	HOSE-BARB, 1/2Hx1/2MNPT, BRS
3	M690151	MANIFOLD, 5-PORT, RUST-INHIBITOR, PVC
4	67058-4N	NIPPLE, HEX, 1/2NPT, NYL
5	63118	VALVE, CHECK, 1/2FNPT, 250PSI, BRONZE



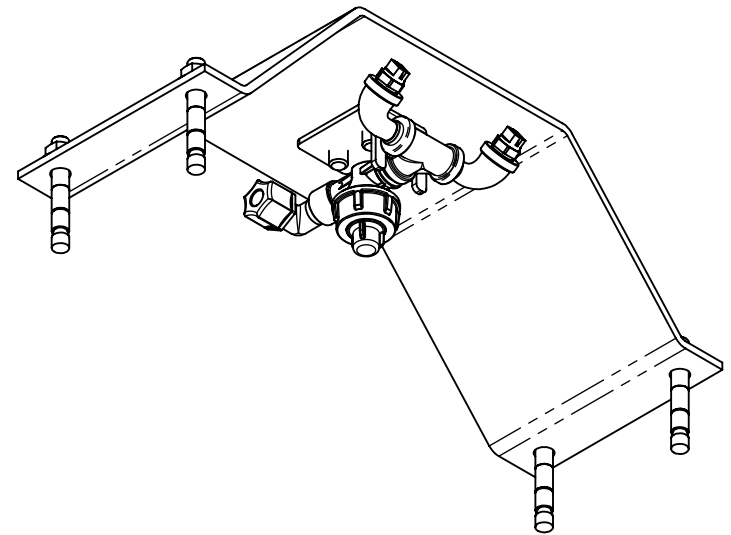
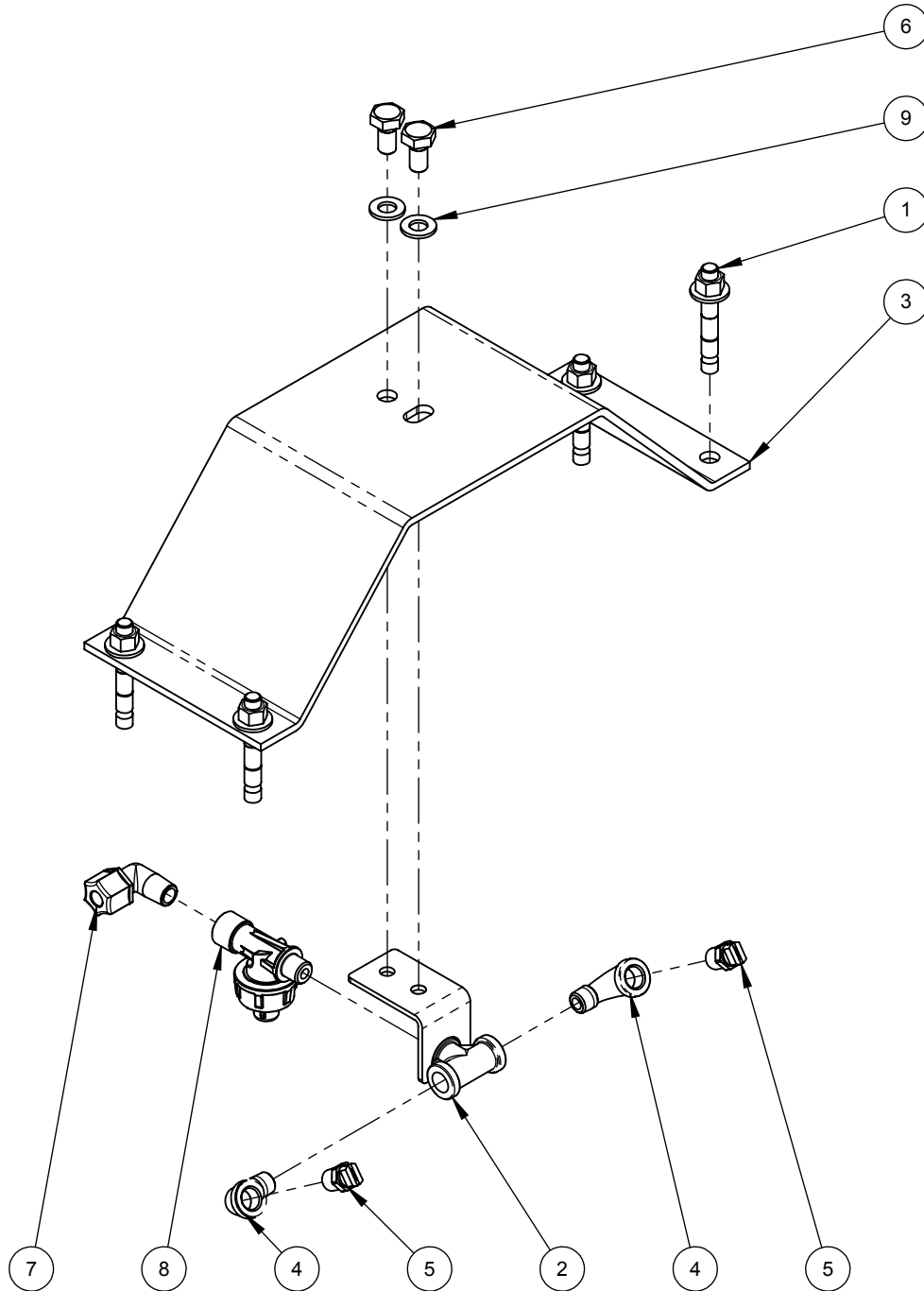
PICTORIAL PARTS CATALOG		
DESCRIPTION: RUST INHIBITOR MANIFOLD		
DWG. NO.	REV	SHEET
M920320	02	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW DOOVER COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	78015	ANCHOR,SLEEVE,3/8x1-7/8",ZNC-PLD
2	05090004	ANCHOR,STUD,3/8-16x2-3/4",SST
3	11130013	ARCH,APPLICATOR,WHEEL-CLEANER,G5,ASSY
4	11050021	PUMP,ASSY,TCA,LIQUID,120VAC,60Hz
5	31009	SWITCH,PRESSURE,5.00x32.00",24VAC
6	24930-O	TUBE-FTG,INSERT,3/8T,PP
7	24500-FO	TUBE-FTG,TEE,UNION,3/8T,COMP,PP
8	23975-NE	TUBING,.38x.06W,NAT-PE



PICTORIAL PARTS CATALOG		
DESCRIPTION: WHEEL CLEANER		
DWG. NO. 09080004	REV 00	SHEET 1 OF 1
		
VEHICLE WASH SYSTEMS		
PART OF OPW		ADOVER COMPANY

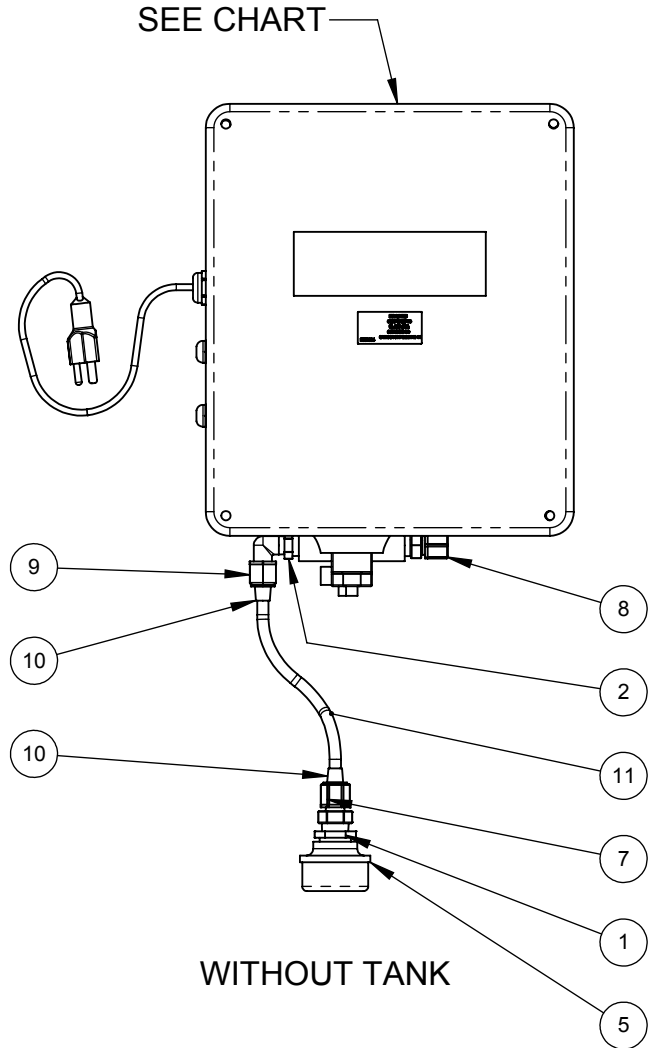
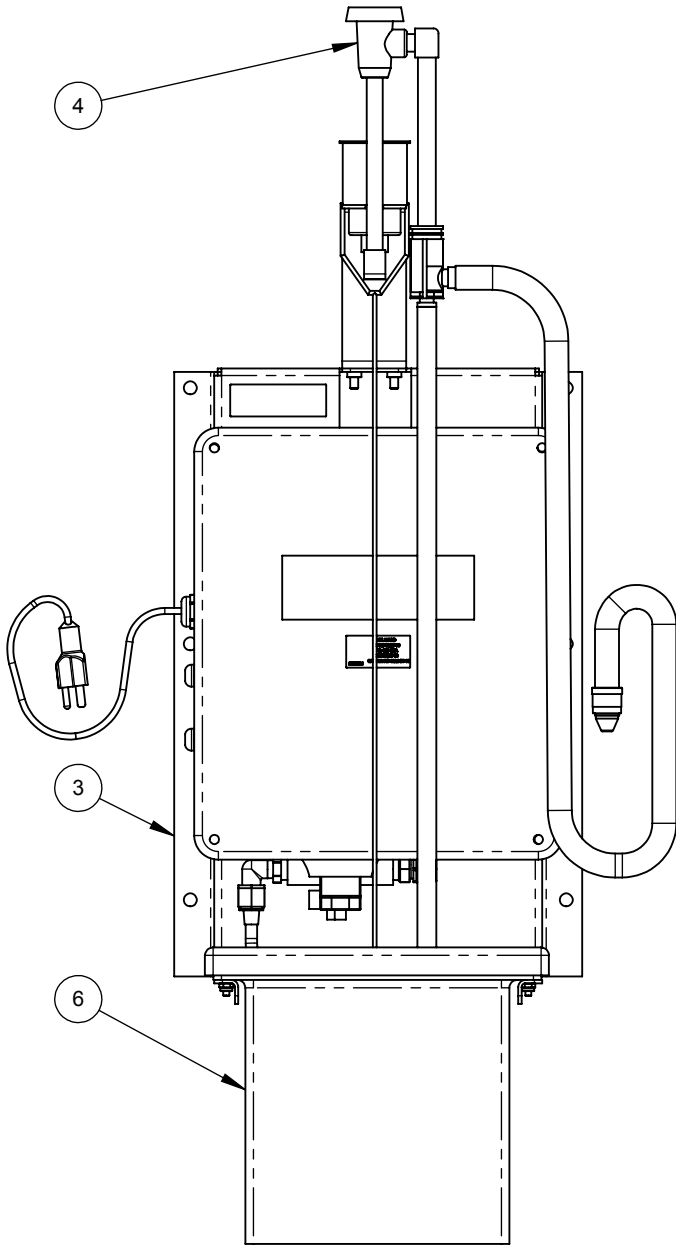
ITEM	PART #	DESCRIPTION
1	05090004	ANCHOR,STUD,3/8-16x2-3/4",SST
2	07020122	BRACKET,TEE,1/4"NPT,WELDED,SST
3	M500300	COVER,.17x5.5x18.56,SST,FORMED
4	67487-4S	ELBOW,STREET,1/4NPT,90DEG,SC40,SST
5	64154-4M	NOZZLE,FAN,4004,1/4"NPT,SST
6	05040021	SCREW,M10x20mm,HHCS,SST
7	24298-FO	TUBE-FTG,ELBOW,3/8Tx1/4NPT,COMP,PP
8	03010034	VALVE,CHECK,DIAPH,1/4"Mx1/4",8PSI
9	05030009	WASHER,M10,FLAT,SST



265

PICTORIAL PARTS CATALOG		
DESCRIPTION: WHEEL CLEANER APPLICATOR		
DWG. NO.	REV	SHEET
11130013	00	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	67709-N	BUSHING,3/4NPTx1/2NPT,NYL
2	67702-N	BUSHING,3/8NPTx1/4NPT,NYL
3	07040030	FRAME,FAB,12.00x12.75x19.00",12GA,SST
4	M900051	HYDROMINDER 515 ASSEMBLY
5	66083	STRAINER WATER 3/4" SUCT 80MESH
6	03390001	TANK,PLSTC,2GAL,8x8x8",W/COVER
7	24040-FO	TUBE-FTG,CONN,3/8Tx1/2NPT,COMP,PP
8	24038-FO	TUBE-FTG,CONN,3/8Tx3/8NPT,COMP,PP
9	24298-FO	TUBE-FTG,ELBOW,3/8Tx1/4NPT,COMP,PP
10	24930-O	TUBE-FTG,INSERT,3/8T,PP
11	23975-CU	TUBING 3/8 OD X .062 WALL CLEAR PU





ASSEMBLY	VOLTS/HZ	CONTROL BOX
11050021	120/60	11010297
11050081	230/50	11010298
11050022	24/60	11010296


PICTORIAL PARTS CATALOG

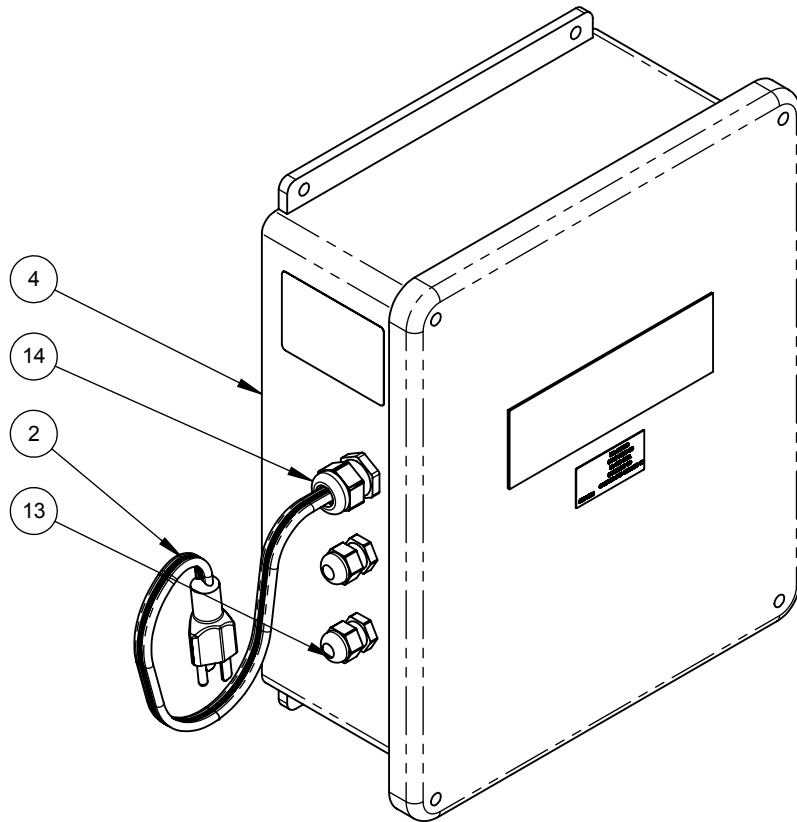
DESCRIPTION:
TCA PUMP ASSEMBLY

DWG. NO.	REV	SHEET
11050021	09	1 OF 1

VEHICLE WASH SYSTEMS

PART OF OPW 



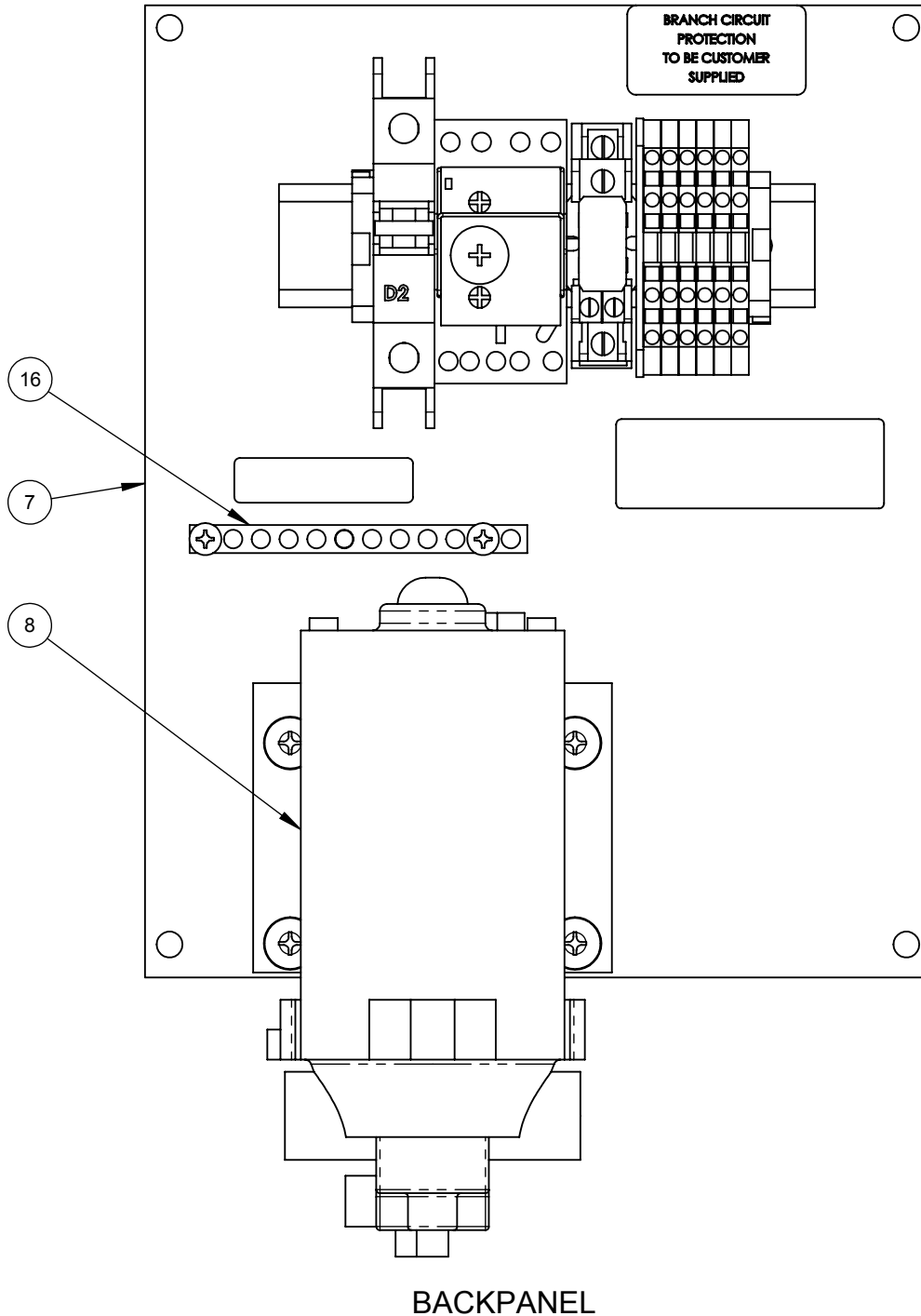
ITEM	PART #	DESCRIPTION
1	37625	CIRCUIT-BREAKER,2A,1P,D,277V,UL-489
2	34325	CORD,#16AWGx3,MOLDED-PLUG,6FT
3	36950-6.00	DIN-RAIL,35mmX10.5mmX1M,AL
4	04090139	ENCLOSURE,W/HOLES,CNTL-BOX,11050021
5	36607	END PLATE,FRONT,4P,280-317,ORANGE
6	36650	END-STOP,6mm,PLST,GRAY,249-116
7	07070009	PANEL,ENCLOSURE,10.88x8.75",CS
8	03180014	PUMP,DIAPHRAGM,2.2GPM,100PSI,115VAC,60HZ
9	32017	RELAY EM SPDT 10 AMP 5 BL 24VAC COIL
10	32105	RELAY-SOCKET,5-BLADE
11	32116	RELAY-SOCKET,8-PIN,10A,400VAC
12	36114	SOCKET,HOLD-DOWN-SPRING,PHOTO-AMP
13	04450024	STRAIN-RELIEF,.138-.315",W/LOCKNUT,NYLON
14	04450016	STRAIN-RELIEF,M20,.276-.512",PLSTC
15	36507	TERMINAL-BLK,26-14GA,4P,GRAY
16	04100046	TERMINAL-BLOCK,GND-BAR,9P,8-14AWG,225A
17	33035	TIMER,MULTI-FUNCTION,24-240VAC,8A,8-PIN

PICTORIAL PARTS CATALOG

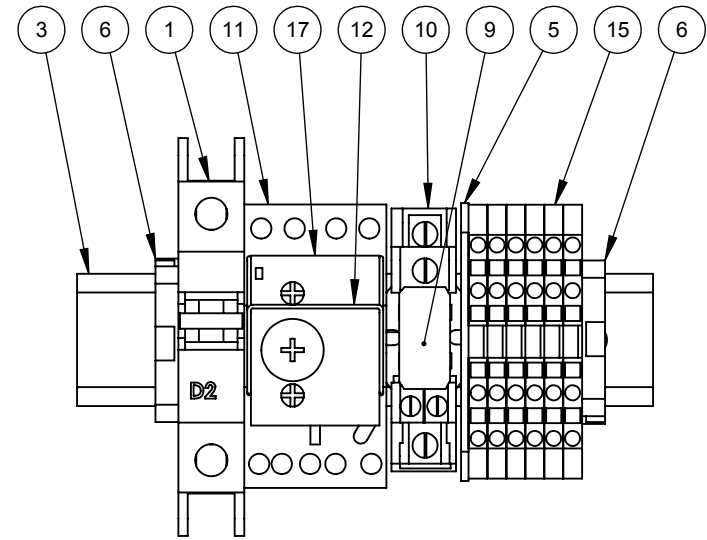
DESCRIPTION:
**WHEEL CLEANER CONTROL BOX -
 120V 60HZ**

DWG. NO.	REV	SHEET
11010297	00	1 OF 2

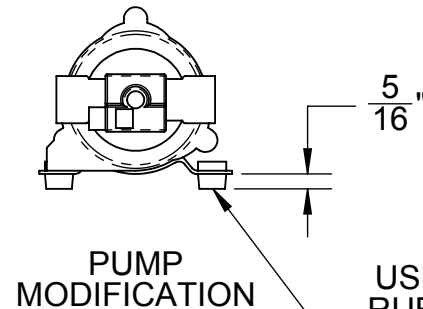




BACKPANEL



TERMINAL ASSEMBLY

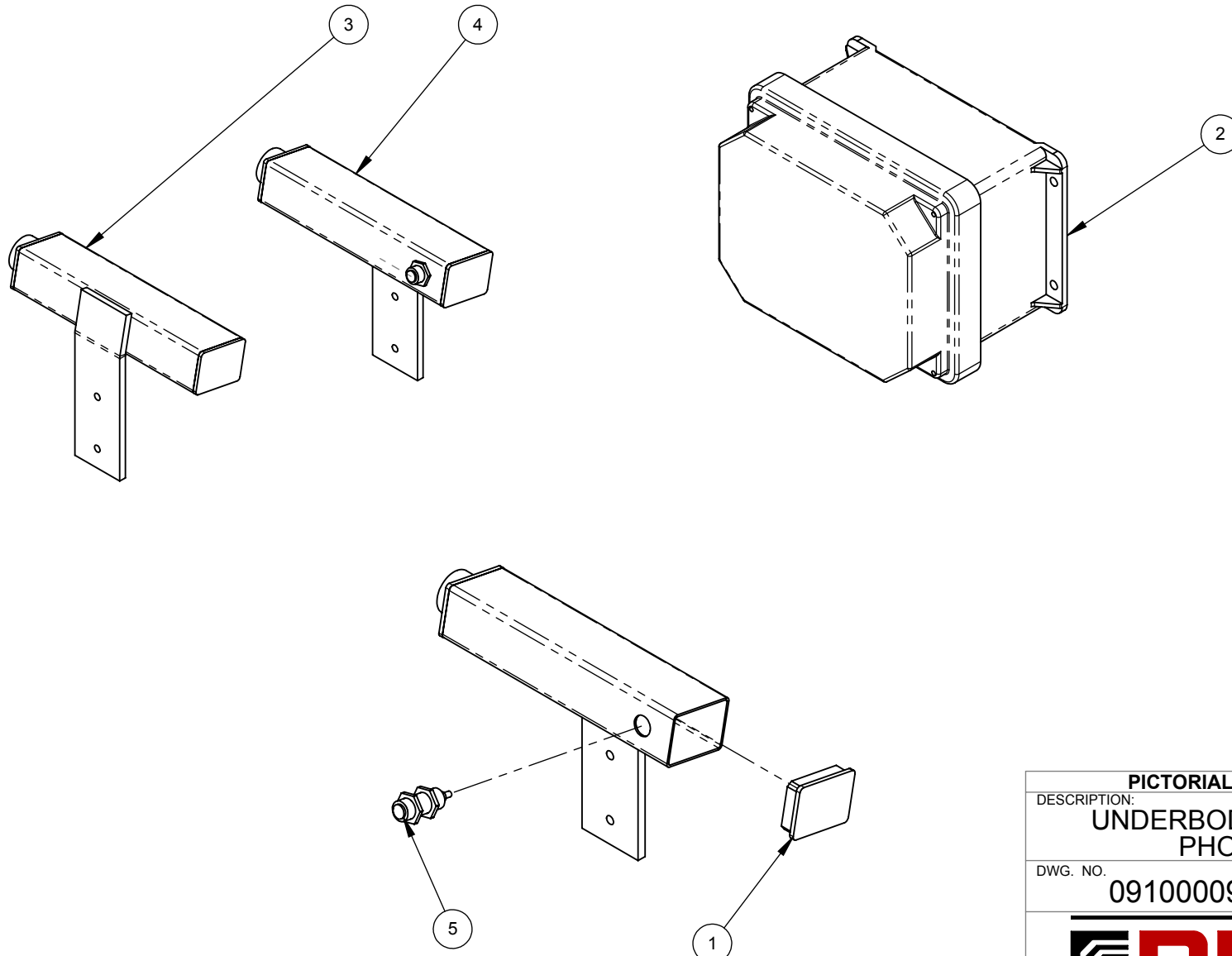





PUMP MODIFICATION

USE DYNA-FILE TO TRIM RUBBER FEET DOWN TO 5/16" FROM BOTTOM OF MOUNTING BRACKET

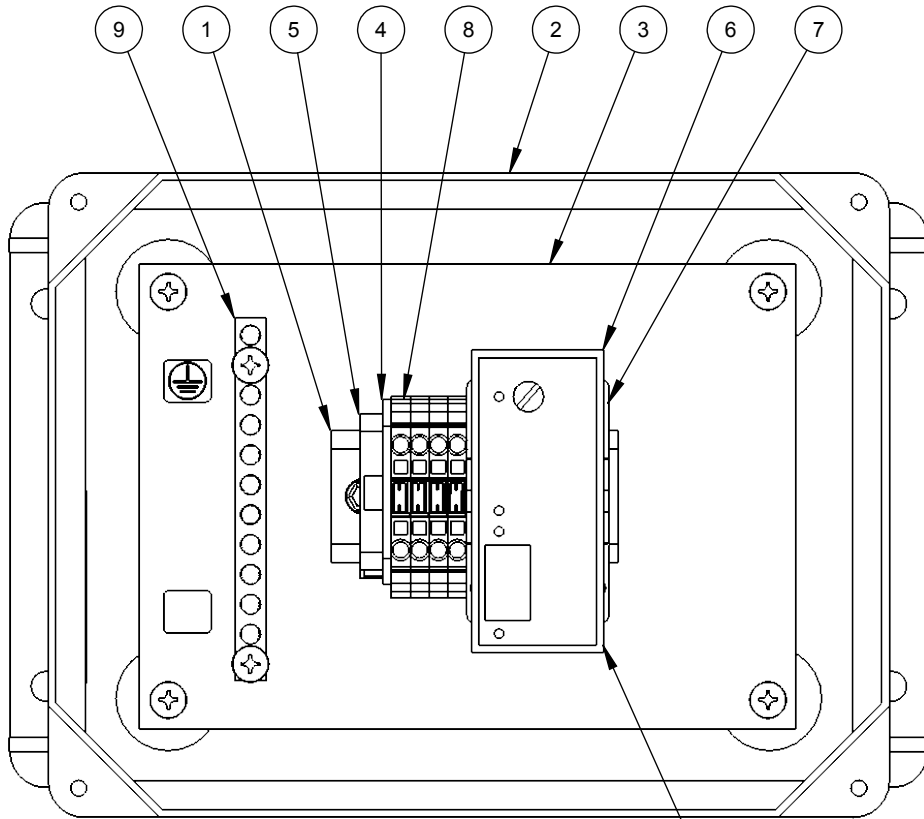
PICTORIAL PARTS CATALOG		
DESCRIPTION: WHEEL CLEANER CONTROL BOX - 120V 60HZ		
DWG. NO. 11010297	REV 00	SHEET 2 OF 2
		
VEHICLE WASH SYSTEMS		
PART OF OPW		

ITEM	PART #	DESCRIPTION
1	M690000	CAP, 1-1/2X2, TUBE, UHMW
2	11010275	CONTROL-BOX, DOOR-PACKAGE, BASIC
3	M390004	HOUSING, SENSOR, D/S, UNDERCARRIAGE
4	M390005	HOUSING, SENSOR, P/S, UNDERCARRIAGE
5	93176	PHOTO-EYE, THRU-BEAM, SET, 14MM, CARLO






PICTORIAL PARTS CATALOG		
DESCRIPTION: UNDERBODY ACTIVATION PHOTOEYES		
DWG. NO.	REV	SHEET
09100009	01	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	36950-3.00	DIN-RAIL, 35mmx3.00", AL
2	04090029	ENCLOSURE, 8x6x6, FBRGL, NEMA4X
3	04090019	ENCLOSURE, PANEL, 152X124X2mm, ALUMINUM
4	36606	END-PLATE, FRONT, 2P, PLST, 280-331
5	36650	END-STOP, 6mm, PLST, GRAY, 249-116
6	93194	PHOTO-EYE, AMP, 24VAC, 10A, SPDT, 11PIN
7	04060003	RELAY-SOCKET, 11-PIN CIRC, 300VAC, 10A
8	36506	TERMINAL-BLK, 26-12GA, 2P, PLST, 280-601
9	04100046	TERMINAL-BLOCK, GND-BAR, 9P, 8-14AWG, 225A

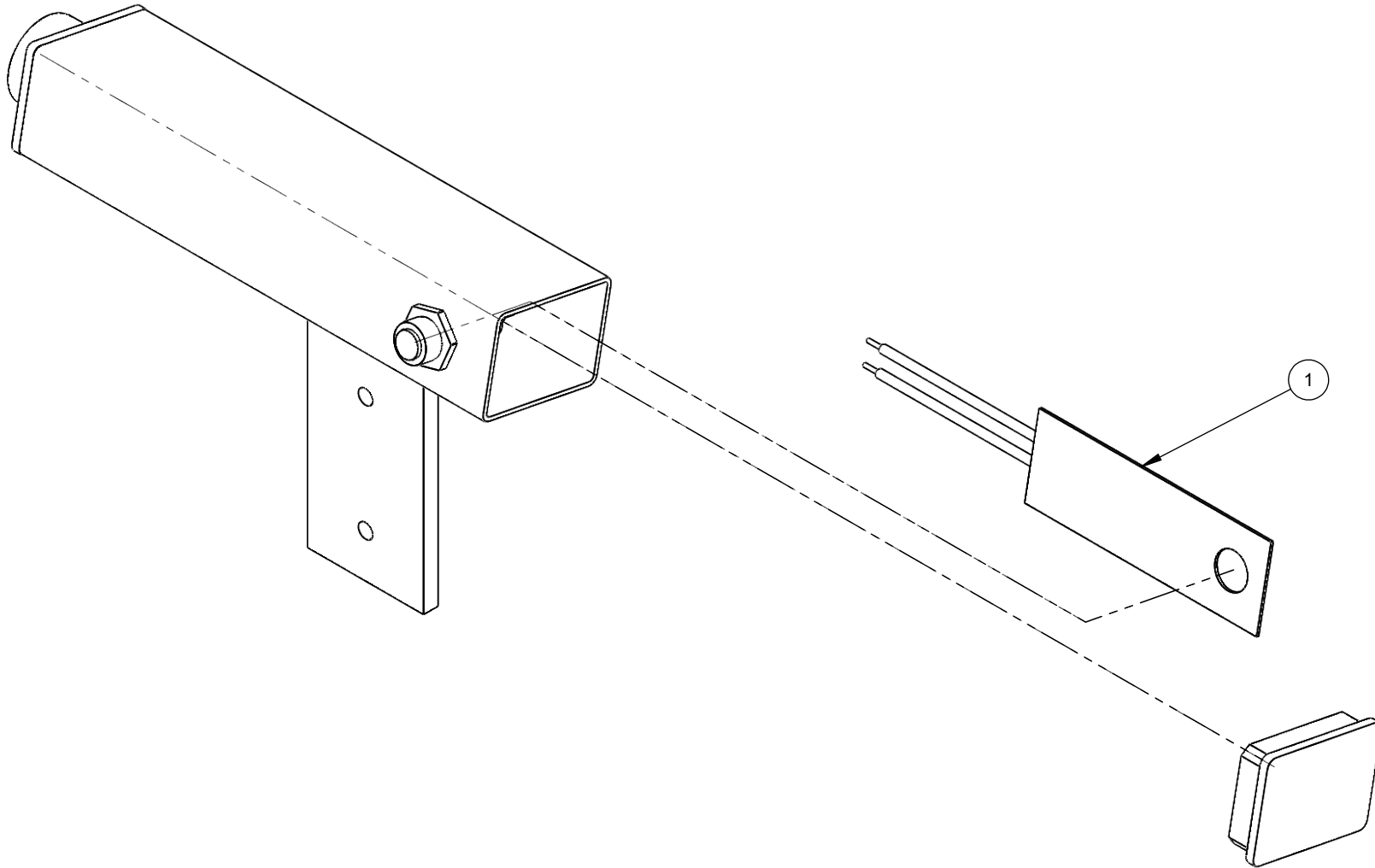


COVER REMOVED

SET PHOTO AMP DIAL TO AUTO. SET DIP SWITCHES TO OFF.

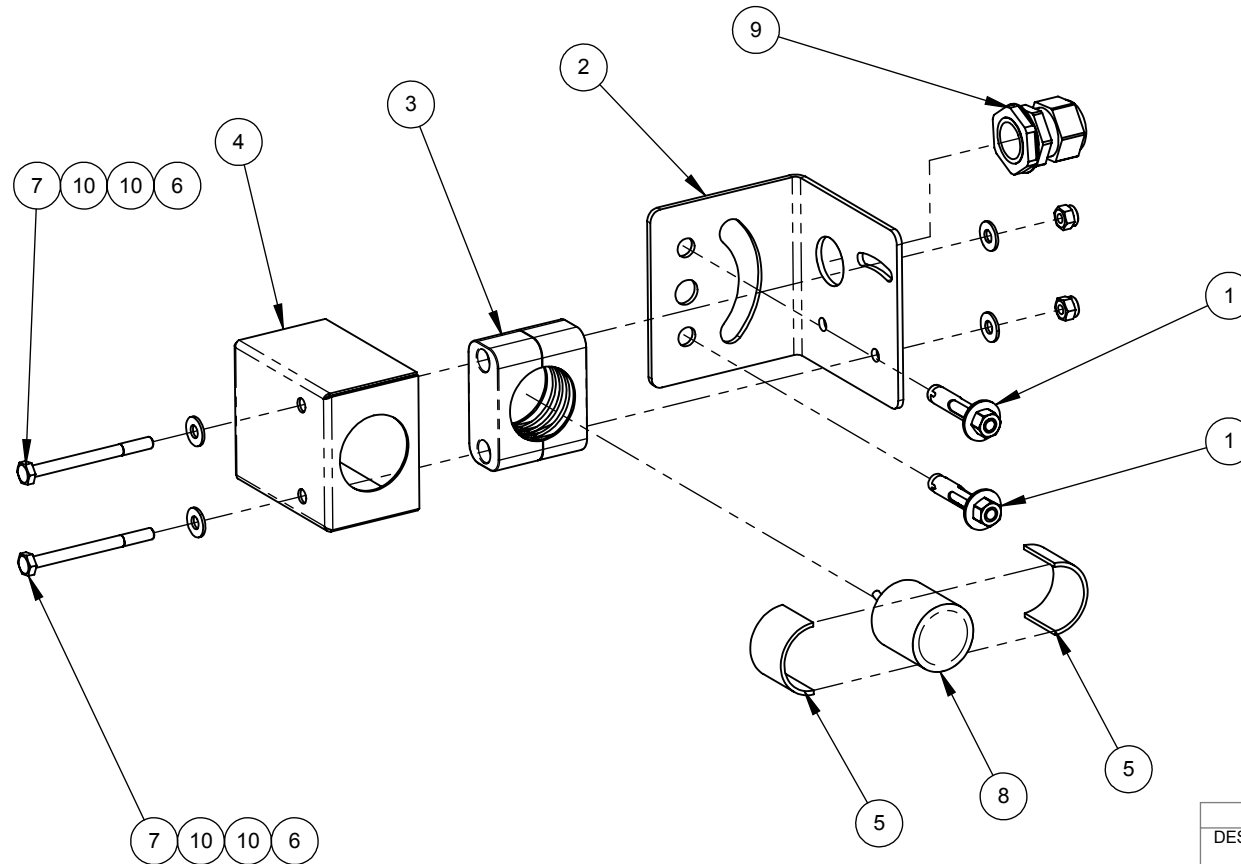
PICTORIAL PARTS CATALOG		
DESCRIPTION: DOOR CONTROL BOX		
DWG. NO.	REV	SHEET
11010275	02	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	M230002	HEATER, W/SUPPORT, 20W, 24VAC, U/C






PICTORIAL PARTS CATALOG		
DESCRIPTION: UNDERBODY PHOTOEYE HEAT		
DWG. NO.	REV	SHEET
09100074	00	1 OF 1
VEHICLE WASH SYSTEMS		
PART OF OPW		

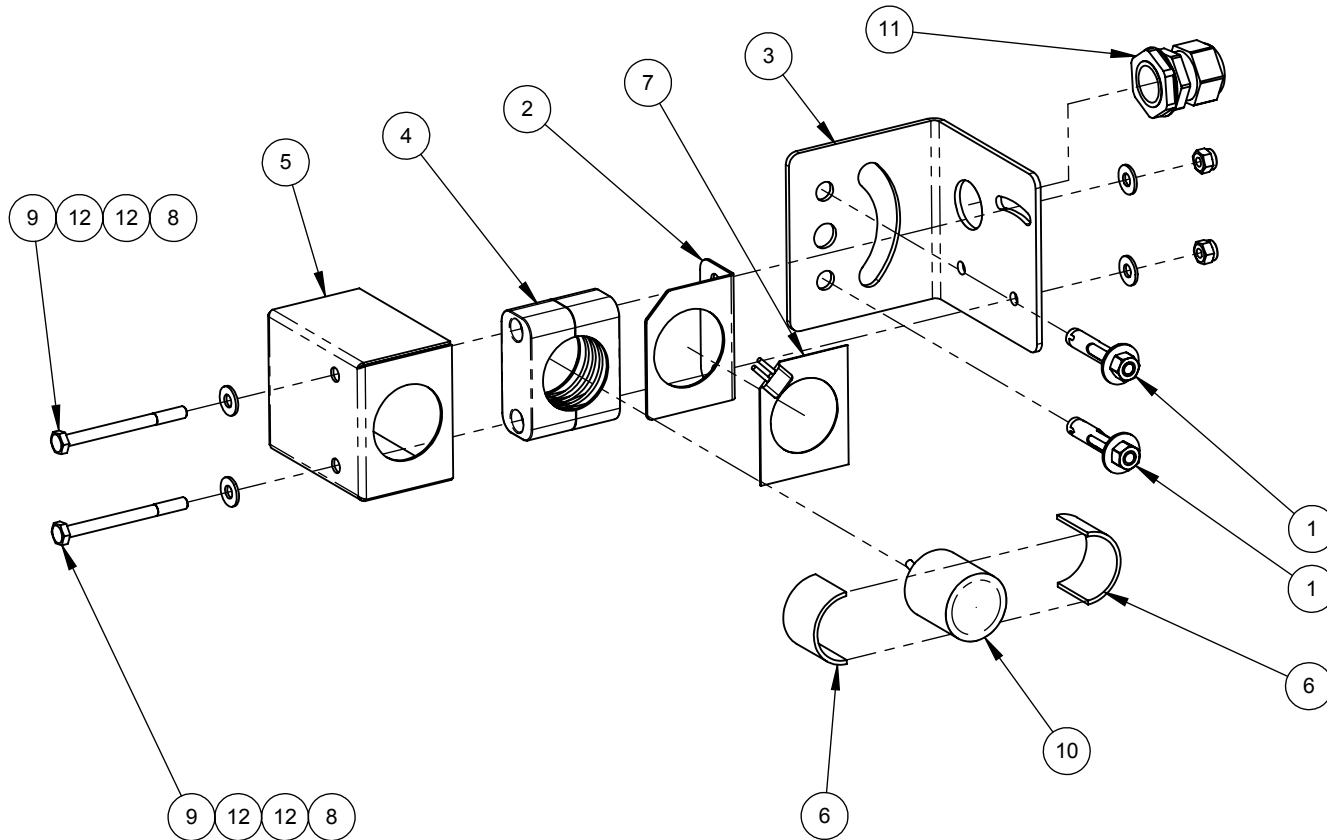
ITEM	PART #	DESCRIPTION
1	78015	ANCHOR,SLEEVE,3/8x1-7/8",ZNC-PLD
2	06141444	BRACKET,ULTRASONIC,MOUNT,LW360P
3	05050064	CLAMP,PIPE,1-1/4x2.75x1.125,PA
4	06160254	COVER,ULTRASONIC,SST,LWM5
5	06060015	CUSHION,ULTRASONIC-MOUNT,SILICONE
6	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
7	70118-HCS	SCREW,1/4-20x3.00,HHCS,SST
8	04420036	SENSOR,ULTRASONIC,75kHz,60°CBL,1.5"DIA
9	04450018	STRAIN-RELIEF,M25,.354-.669",PLSTC
10	71511-FS	WASHER,1/4,FLAT,SST






ULTRASONIC,SENS,WALL-MOUNT,LW360P

PICTORIAL PARTS CATALOG		
DESCRIPTION: ULTRASONIC SENSOR WALL MOUNT		
DWG. NO. 11410015	REV 01	SHEET 1 OF 1
		
VEHICLE WASH SYSTEMS		
PART OF OPW		

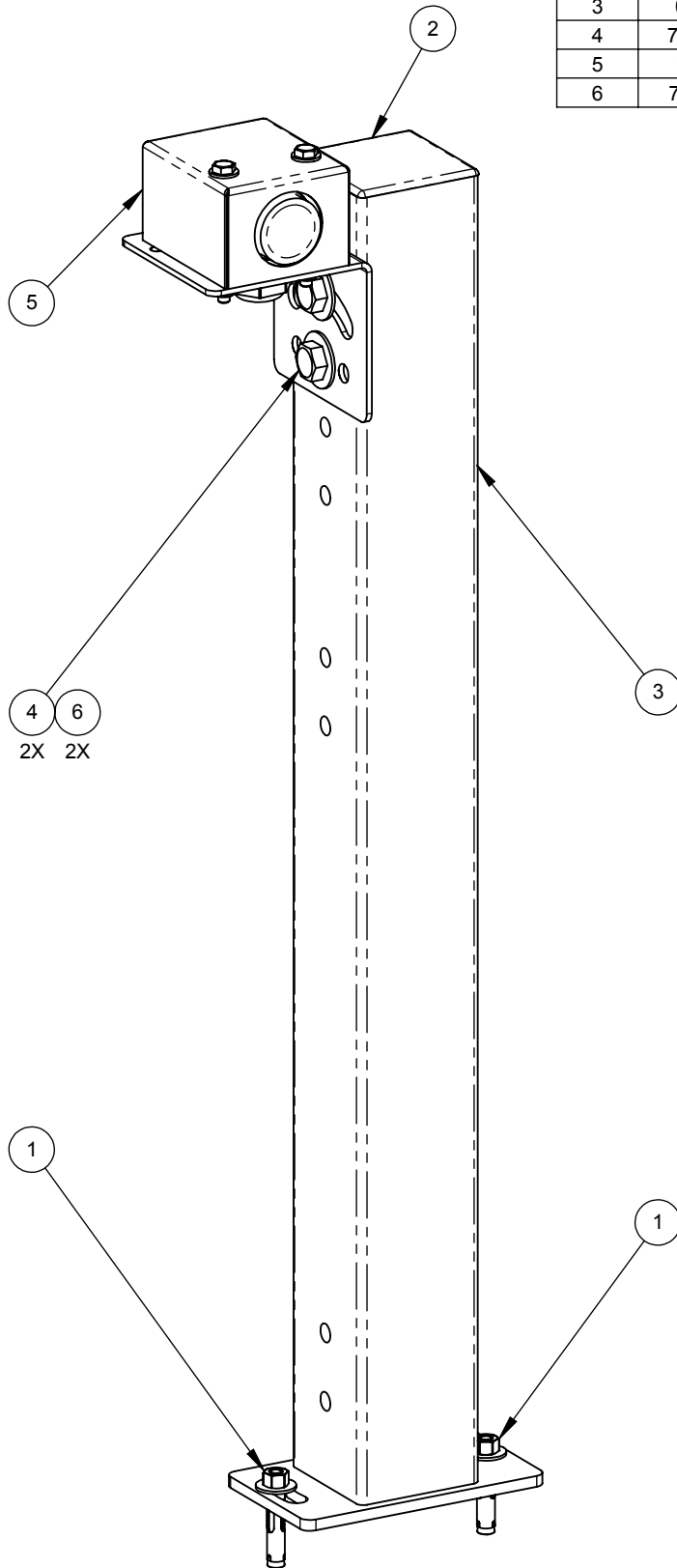
ITEM	PART #	DESCRIPTION
1	78015	ANCHOR,SLEEVE,3/8x1-7/8",ZNC-PLD
2	06140479	BRACKET,MOUNT,ULTRASONIC,HEAT,G5-S
3	06141444	BRACKET,ULTRASONIC,MOUNT,LW360P
4	05050064	CLAMP,PIPE,1-1/4x2.75x1.125,PA
5	06160254	COVER,ULTRASONIC,SST,LWM5
6	06060015	CUSHION,ULTRASONIC-MOUNT,SILICONE
7	04190024	HEATER,STRIP,20W,24VAC,42mmHOLE
8	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
9	70118-HCS	SCREW,1/4-20x3.00,HHCS,SST
10	04420036	SENSOR,ULTRASONIC,75kHz,60°CBL,1.5"DIA
11	04450018	STRAIN-RELIEF,M25,.354-.669",PLSTC
12	71511-FS	WASHER,1/4,FLAT,SST



ULTRASONIC,SENS,WALL-MOUNT,W/HEAT,LW360P

PICTORIAL PARTS CATALOG		
DESCRIPTION: ULTRASONIC SENSOR WALL MOUNT WITH HEAT		
DWG. NO. 11410016	REV 01	SHEET 1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	05180019	ANCHOR, CONCRETE, SLEEVE, 3/8x1.875", SST
2	M690049	CAP, 3.00x3.00x.083 TUBE, ABS, BLK
3	06250008	FRAME, VIRTUAL-TREADLE, LW4K, ULTRASONIC
4	70255-HCS	SCREW, 1/2-13x1.00, HHCS, SST
5	11410019	ULTRASONIC, ASSEMBLY, STAND-MOUNT, LW360P
6	71515-FSS	WASHER, 1/2, FLAT, SST



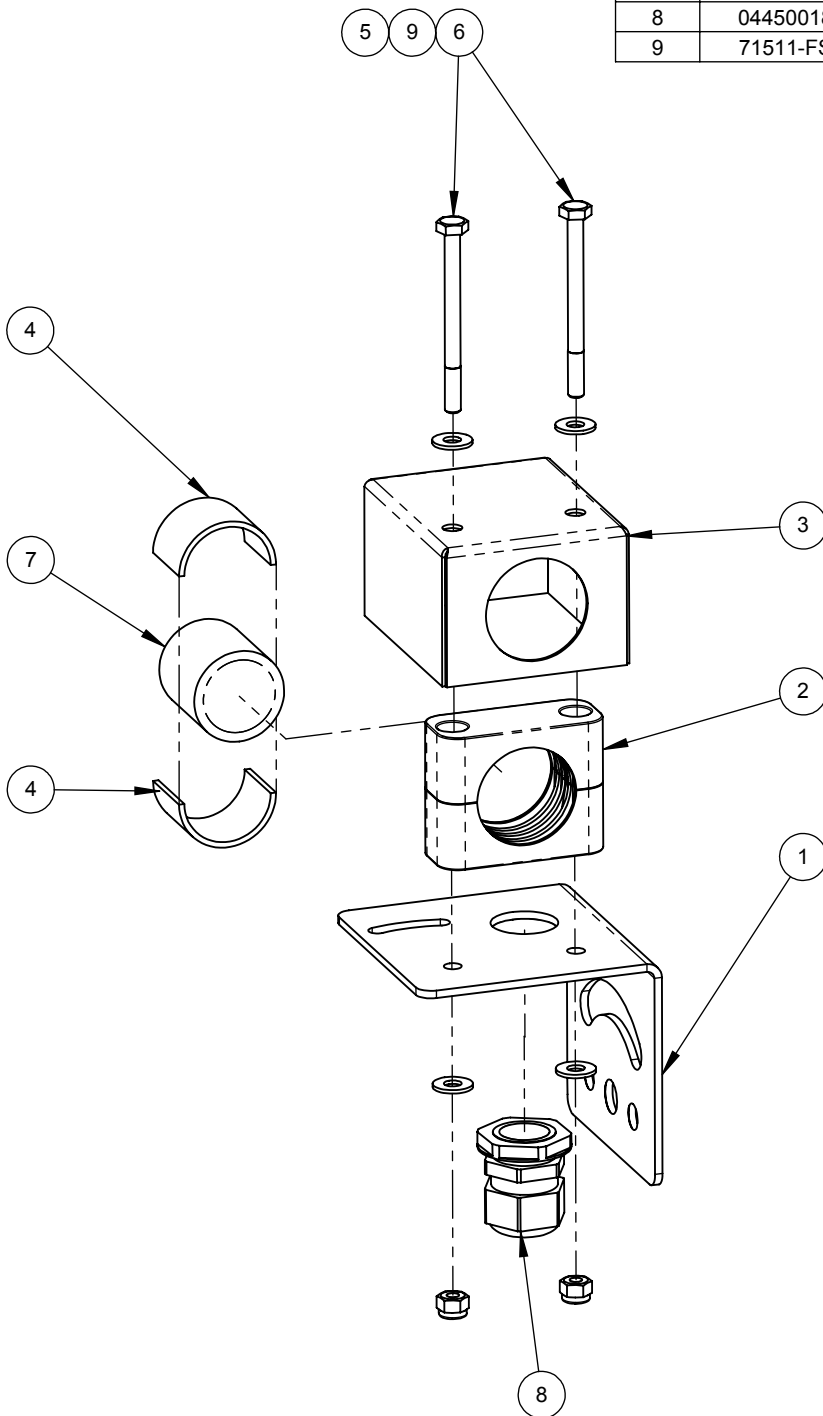
11410017
ULTRASONIC, SENSOR, STAND-MOUNT, LW360P

PICTORIAL PARTS CATALOG		
DESCRIPTION: ULTRASONIC SENSOR WITH STAND		
DWG. NO. 11410017	REV 02	SHEET 1 OF 1

PDQ
VEHICLE WASH SYSTEMS

PART OF OPW **DOVER** COMPANY

ITEM	PART #	DESCRIPTION
1	06141444	BRACKET,ULTRASONIC,MOUNT,LW360P
2	05050064	CLAMP,PIPE,1-1/4x2.75x1.125,PA
3	06160254	COVER,ULTRASONIC,SST,LWM5
4	06060015	CUSHION,ULTRASONIC-MOUNT,SILICONE
5	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
6	70118-HCS	SCREW,1/4-20x3.00,HHCS,SST
7	04420036	SENSOR,ULTRASONIC,75kHz,60'CBL,1.5"DIA
8	04450018	STRAIN-RELIEF,M25,.354-.669",PLSTC
9	71511-FS	WASHER,1/4,FLAT,SST



11410019
 ULTRASONIC,ASSEMBLY,STAND-MOUNT
 LW360P

PICTORIAL PARTS CATALOG

DESCRIPTION:
 ULTRASONIC SENSOR FOR STAND
 MOUNTING

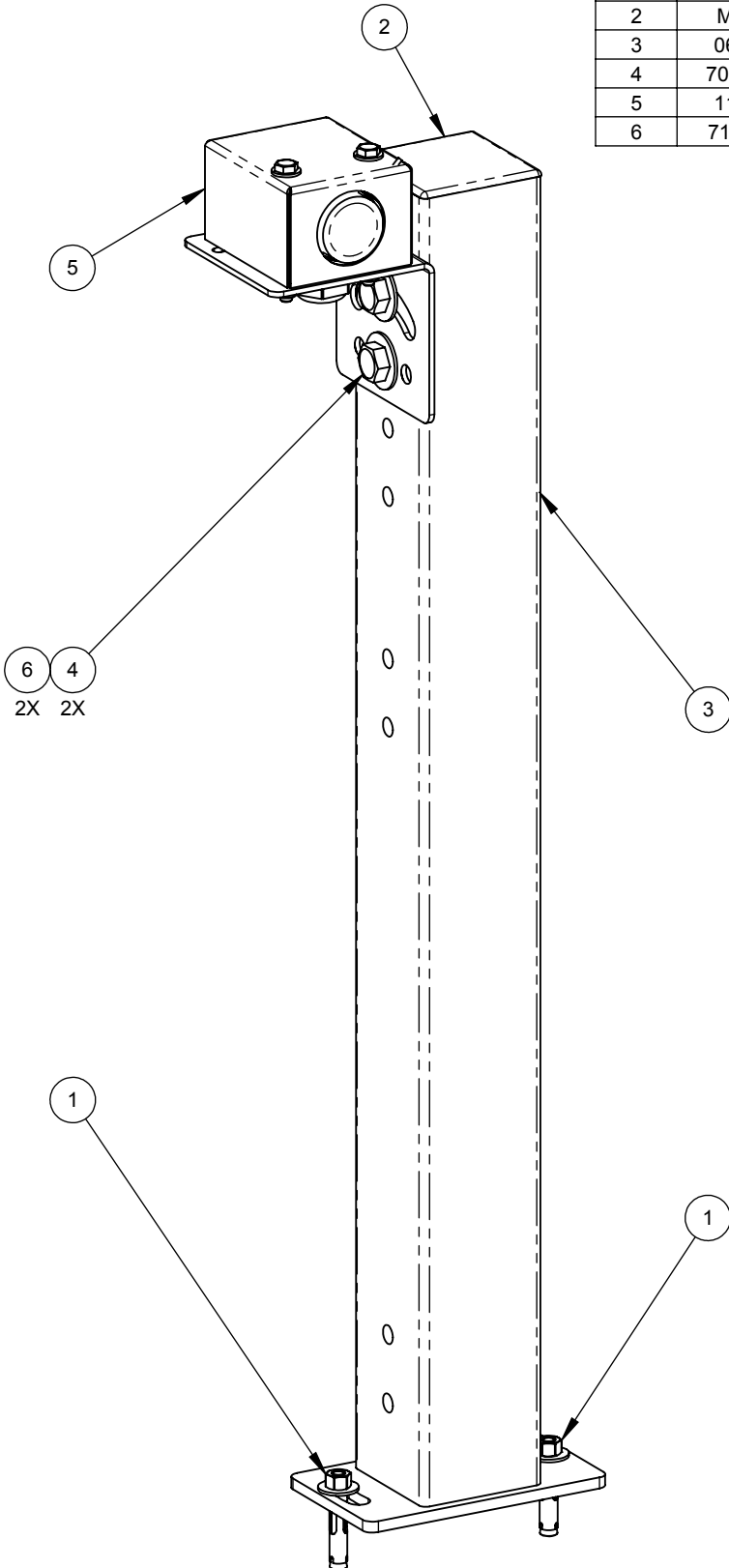
DWG. NO.	REV	SHEET
11410019	01	1 OF 1



VEHICLE WASH SYSTEMS

PART OF OPW DOVER COMPANY

ITEM	PART #	DESCRIPTION
1	05180019	ANCHOR, CONCRETE, SLEEVE, 3/8x1.875", SST
2	M690049	CAP, 3.00x3.00x.083 TUBE, ABS, BLK
3	06250008	FRAME, VIRTUAL-TREADLE, LW4K, ULTRASONIC
4	70255-HCS	SCREW, 1/2-13x1.00, HHCS, SST
5	11410020	ULTRASONIC, ASSY, STAND-MTD, W/HEAT, LW360P
6	71515-FSS	WASHER, 1/2, FLAT, SST

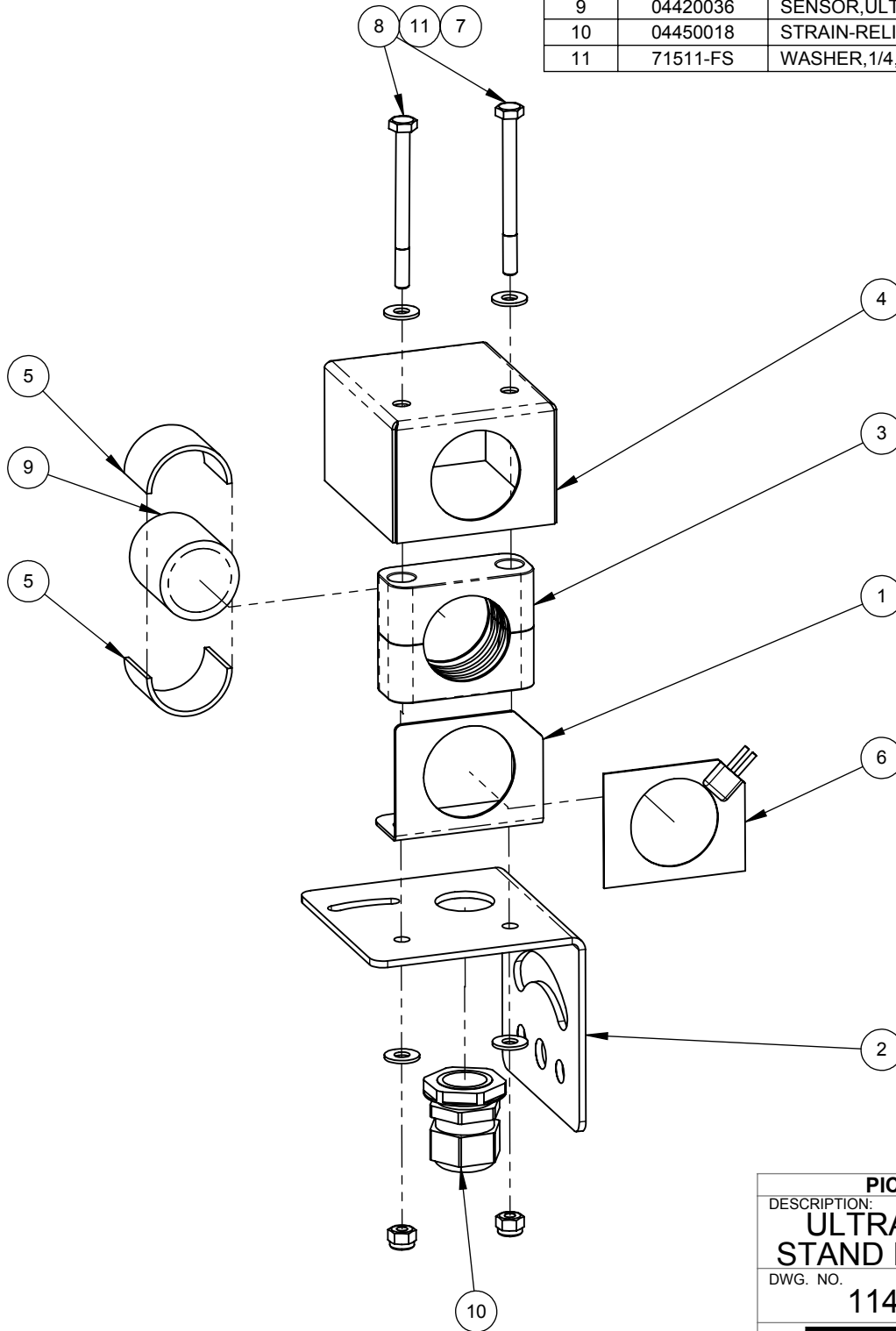


11410018
ULTRASONIC, SENSOR, STAND-MOUNT, W/HEAT, LW360P

PICTORIAL PARTS CATALOG		
DESCRIPTION: ULTRASONIC SENSOR WITH STAND AND HEAT		
DWG. NO. 11410018	REV 02	SHEET 1 OF 1



ITEM	PART #	DESCRIPTION
1	06140479	BRACKET,MOUNT,ULTRASONIC,HEAT,G5-S
2	06141444	BRACKET,ULTRASONIC,MOUNT,LW360P
3	05050064	CLAMP,PIPE,1-1/4x2.75x1.125,PA
4	06160254	COVER,ULTRASONIC,SST,LWM5
5	06060015	CUSHION,ULTRASONIC-MOUNT,SILICONE
6	04190024	HEATER,STRIP,20W,24VAC,42mmHOLE
7	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
8	70118-HCS	SCREW,1/4-20x3.00,HHCS,SST
9	04420036	SENSOR,ULTRASONIC,75kHz,60'CBL,1.5"DIA
10	04450018	STRAIN-RELIEF,M25,.354-.669",PLSTC
11	71511-FS	WASHER,1/4,FLAT,SST



11410020
 ULTRASONIC,ASSY,STAND-MTD,W/HEAT,LW360P

277

PICTORIAL PARTS CATALOG		
DESCRIPTION: ULTRASONIC SENSOR FOR STAND MOUNTING, WITH HEAT		
DWG. NO. 11410020	REV 00	SHEET 1 OF 1

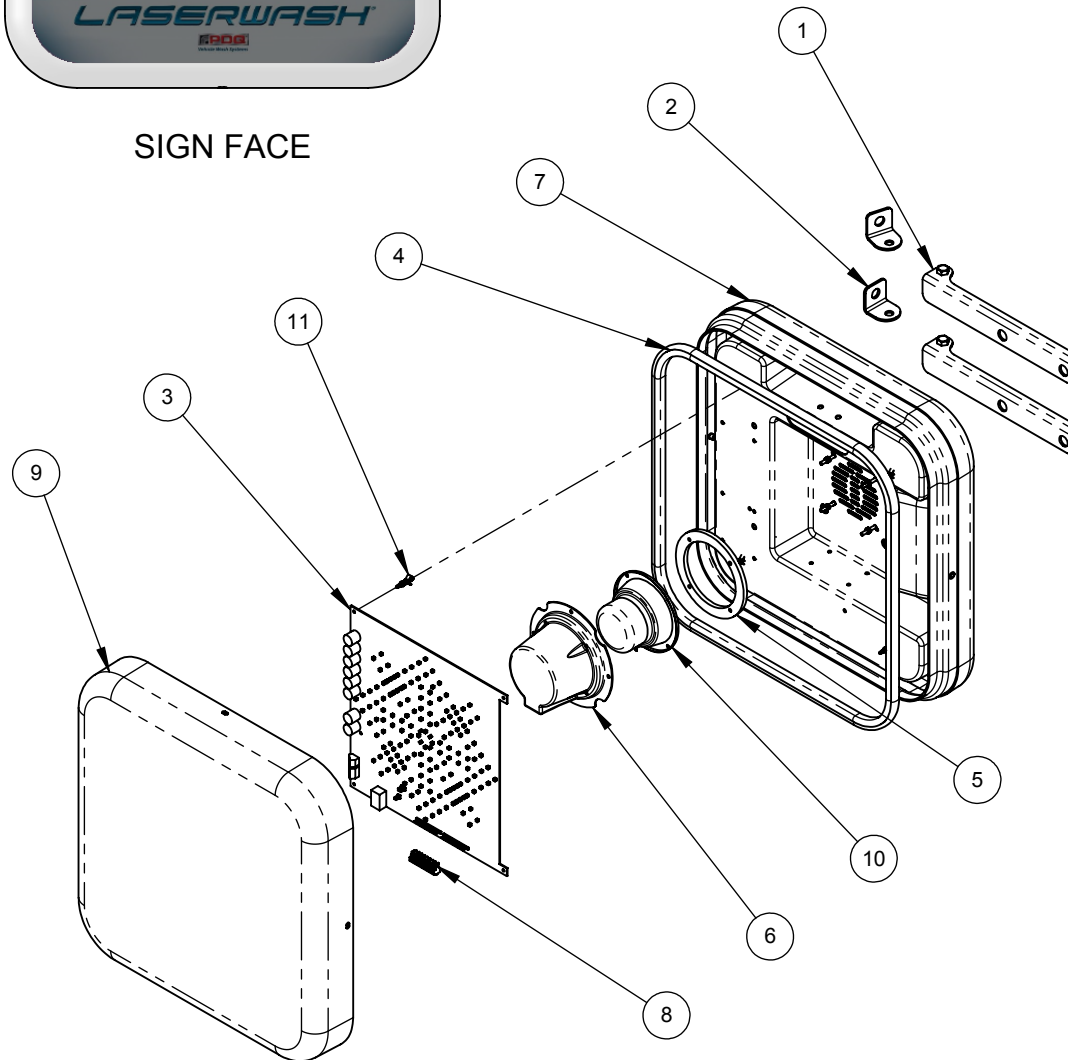




Signs



SIGN FACE



ITEM	PART #	DESCRIPTION
1	06140439	BRACKET,SIGN,INBAY/CONFIRM,NON-ADJ,SIGN
2	06140449	BRACKET,SIGN,INBAY/CONFIRM,NON-ADJ,WALL
3	04580021	CIRCUIT-BOARD,COMMON-SMART-SIGN,COMPLETE
4	06070030	GASKET,HOUSING,ENTRANCE-SIGN,NPRN
5	06070053	GASKET,SPEAKER-ADAPTER,SBR
6	06050117	HOUSING,SPEAKER,PLSTC,COMMON
7	06240289	PANEL,SIGN,18x18,MOLDED,BACK,IN-BAY
8	04560016	PLUG,PCB,9PIN,5mm,250V/10A,14-24AWG,GRN
9	06420121	SIGN-FACE,IN-BAY,LASERWASH
10	04550005	SPEAKER-W/CABLE,INBAY-SIGN
11	05130025	STAND-OFF,SNAP-IN,PCB-MT,INBAY/CONFIRM

PICTORIAL PARTS CATALOG

DESCRIPTION:
INBAY INSTRUCTION SIGN

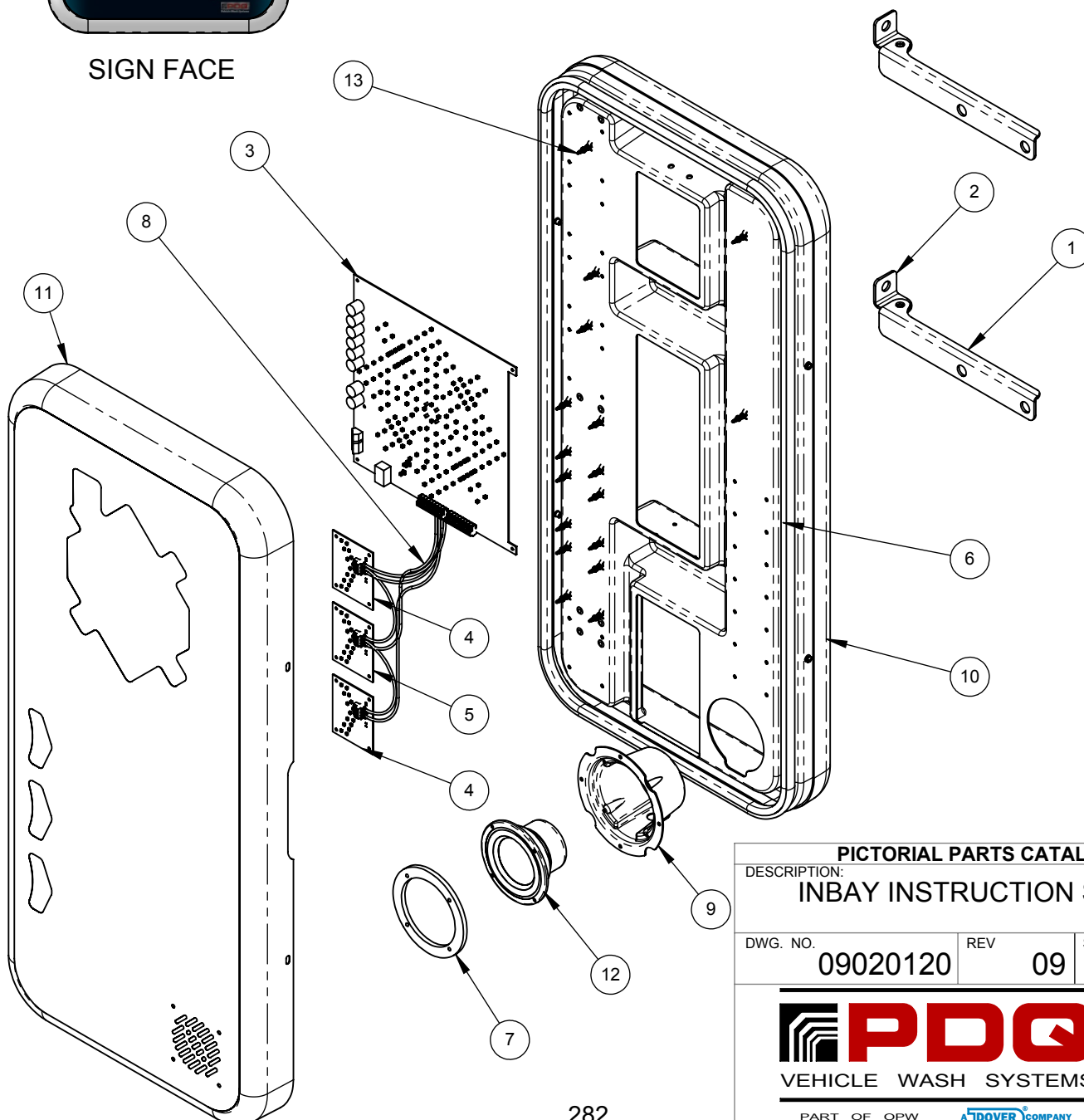
DWG. NO.	REV	SHEET
09020115	06	1 OF 1





SIGN FACE

ITEM	PART #	DESCRIPTION
1	06140439	BRACKET,SIGN,INBAY/CONFIRM,NON-ADJ,SIGN
2	06140449	BRACKET,SIGN,INBAY/CONFIRM,NON-ADJ,WALL
3	04580021	CIRCUIT-BOARD,COMMON-SMART-SIGN,COMPLETE
4	04580027	CIRCUIT-BOARD,LED,CHEVRON,GREEN
5	04580028	CIRCUIT-BOARD,LED,CHEVRON,RED
6	06070029	GASKET,HOUSING,IN-BAY-SIGNS,NPRN
7	06070053	GASKET,SPEAKER-ADAPTER,SBR
8	04080077	HARNESS,SIGN,IN-BAY,LWM5
9	06050117	HOUSING,SPEAKER,PLSTC,COMMON
10	06240060	PANEL,SIGN,18x39,MOLDED,BACK,IN-BAY/CONF
11	06420129	SIGN-FACE,IN-BAY,DELUXE,LASERWASH
12	04550005	SPEAKER-W/CABLE,INBAY-SIGN
13	05130025	STAND-OFF,SNAP-IN,PCB-MT,INBAY/CONFIRM



PICTORIAL PARTS CATALOG
 DESCRIPTION:
INBAY INSTRUCTION SIGN

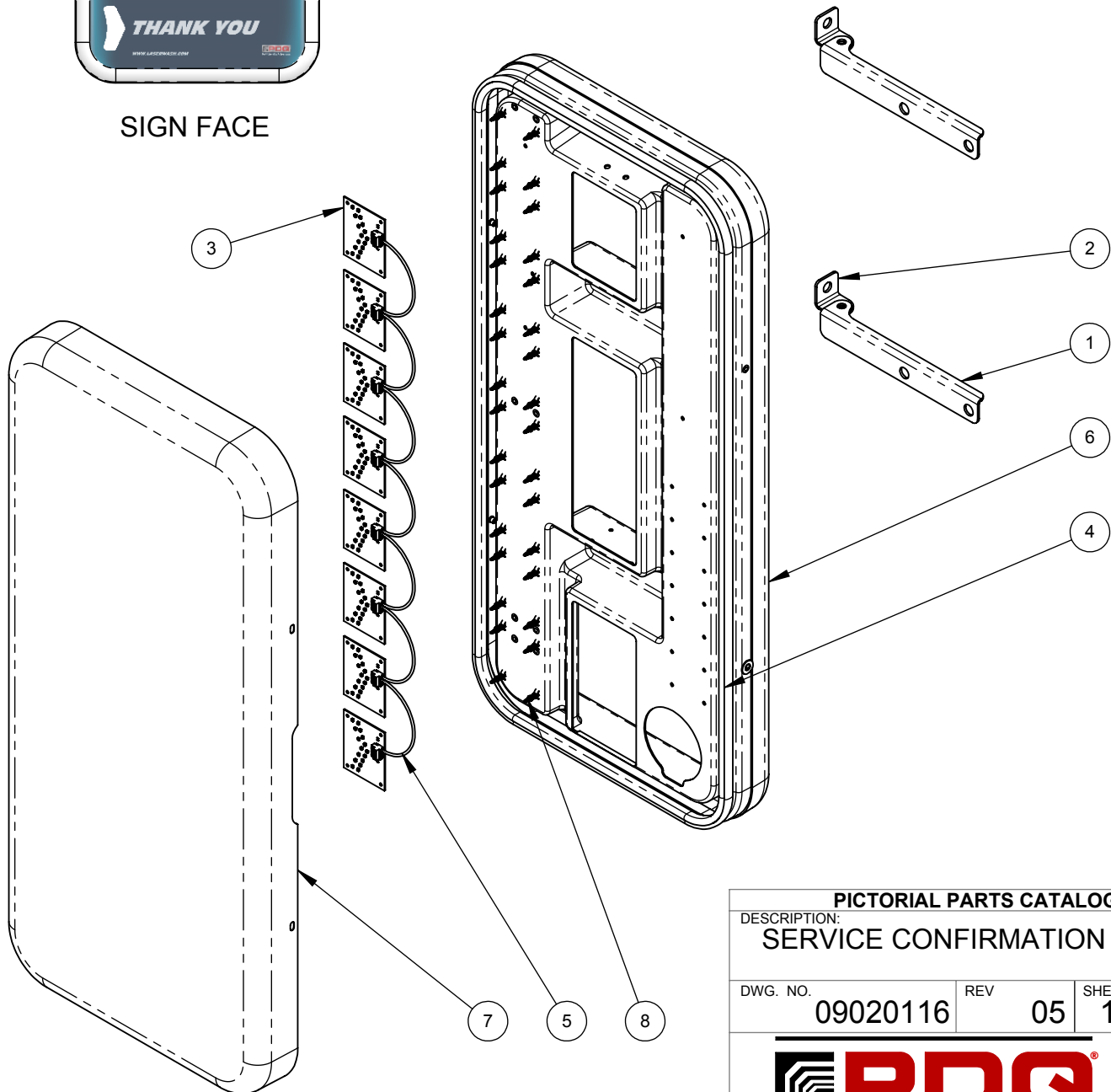
DWG. NO. **09020120** REV **09** SHEET **1 OF 1**



ITEM	PART #	DESCRIPTION
1	06140439	BRACKET,SIGN,INBAY/CONFIRM,NON-ADJ,SIGN
2	06140449	BRACKET,SIGN,INBAY/CONFIRM,NON-ADJ,WALL
3	04580027	CIRCUIT-BOARD,LED,CHEVRON,GREEN
4	06070029	GASKET,HOUSING,IN-BAY-SIGNS,NPRN
5	04080078	HARNESSES,SIGN,CONFIRMATION,LWM5
6	06240060	PANEL,SIGN,18x39,MOLDED,BACK,IN-BAY/CONF
7	06420122	SIGN-FACE,CONFIRMATION,LASERWASH,ENGLISH
8	05130025	STAND-OFF,SNAP-IN,PCB-MT,INBAY/CONFIRM



SIGN FACE



PICTORIAL PARTS CATALOG
 DESCRIPTION:
SERVICE CONFIRMATION SIGN

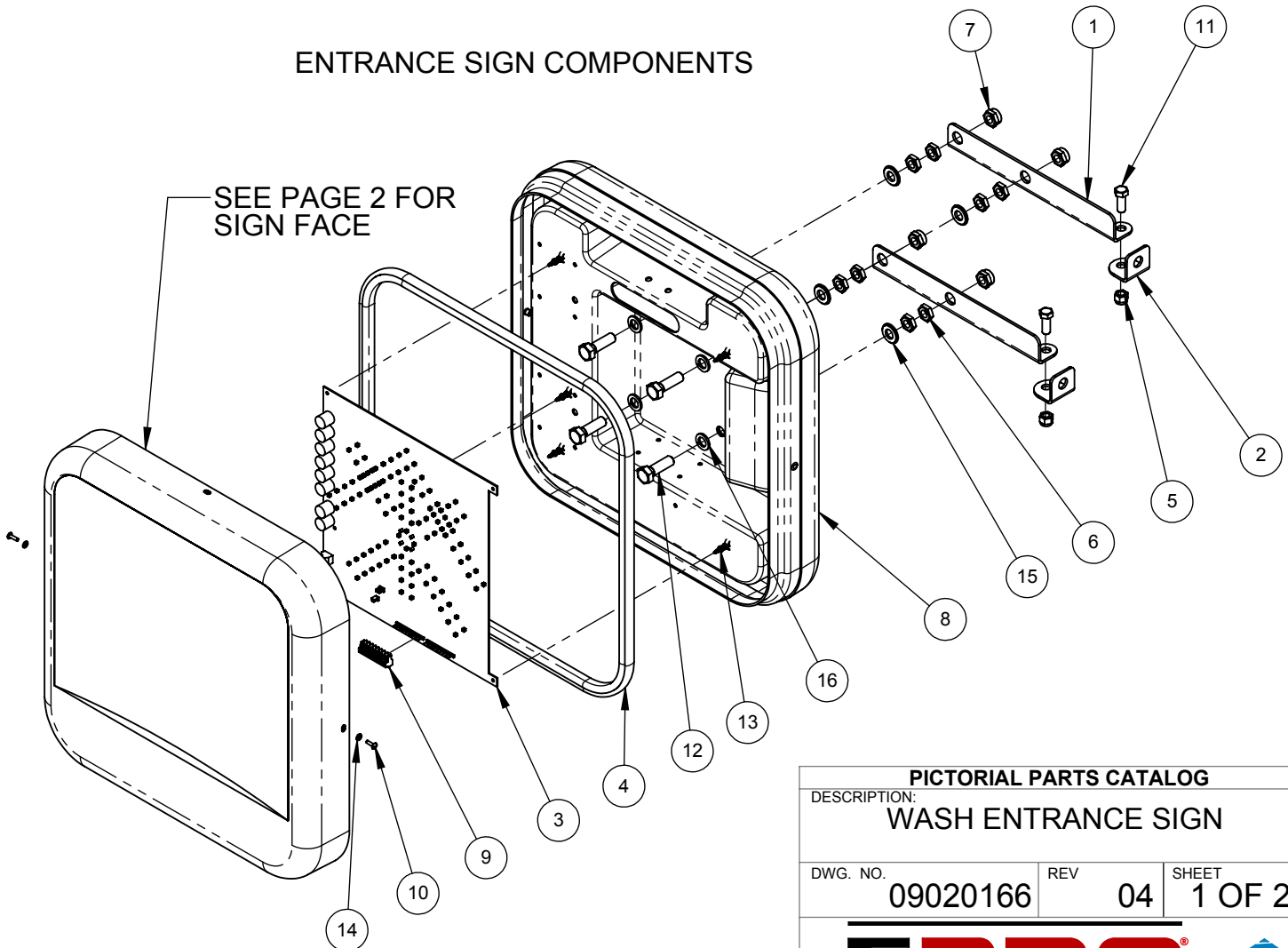
DWG. NO.	REV	SHEET
09020116	05	1 OF 1

PDQ
 VEHICLE WASH SYSTEMS

PART OF OPW **DOVER** COMPANY

ITEM	PART #	REV	DESCRIPTION
1	06140439	01	BRACKET,SIGN,INBAY/CONFIRM,NON-ADJ,SIGN
2	06140449	01	BRACKET,SIGN,INBAY/CONFIRM,NON-ADJ,WALL
3	04580031	07	CIRCUIT-BOARD,ENTRANCE-SIGN,COMPLETE
4	06070030	01	GASKET,HOUSING,ENTRANCE-SIGN,NPRN
5	71013-NCS	00	NUT,3/8-16,HEX,LOCK,SST
6	05020042	00	NUT,M12,HEX,JAM,SST
7	05020008	00	NUT,M12,HEX,LOCK,SST
8	06240061	05	PANEL,SIGN,18x18,MOLDED,BACK,ENTRANCE
9	04560016	00	PLUG,PCB,9PIN,5mm,250V/10A,14-24AWG,GRN
10	05040194	00	SCREW,#6-32x.50,STHMS,SST
11	70180-HCS	00	SCREW,3/8-16x1.00,HHCS,SST
12	05040031	00	SCREW,M12x40mm,HHCS,SST
13	05130025	00	STAND-OFF,SNAP-IN,PCB-MT,INBAY/CONFIRM
14	71506-FS	00	WASHER,#6,FLAT,SST
15	05030049	00	WASHER,1/2x1.00x.11,SEALING,SST,NEOPR
16	05030015	00	WASHER,M12,LOCK,SPLIT,SST

ENTRANCE SIGN COMPONENTS



PICTORIAL PARTS CATALOG		
DESCRIPTION: WASH ENTRANCE SIGN		
DWG. NO. 09020166	REV 04	SHEET 1 OF 2
 		
VEHICLE WASH SYSTEMS		
PART OF OPW 		

06420207	SIGN-FACE,ENTRANCE,TANDEM,PROTOUCH
06420188	SIGN-FACE,ENTRANCE/EXIT,PROTOUCH,ICON
06420155	SIGN-FACE,ENTRANCE,LASERJET
06420146	SIGN-FACE,ENTRANCE,TANDEM,SHELL-RED
06420143	SIGN-FACE,ENTRANCE,FEATHERWASH
06420131	SIGN-FACE,ENTRANCE,CENEX,TANDEM
06420123	SIGN-FACE,ENTRANCE,LASERWASH
06420102	SIGN-FACE,ENTRANCE,TANDEM,RAINBOW

SEE TABLE FOR PROPER SIGN FACE



ENTRANCE SIGN FACE

PICTORIAL PARTS CATALOG

DESCRIPTION:

WASH ENTRANCE SIGN

DWG. NO.

09020166

REV

04

SHEET

2 OF 2



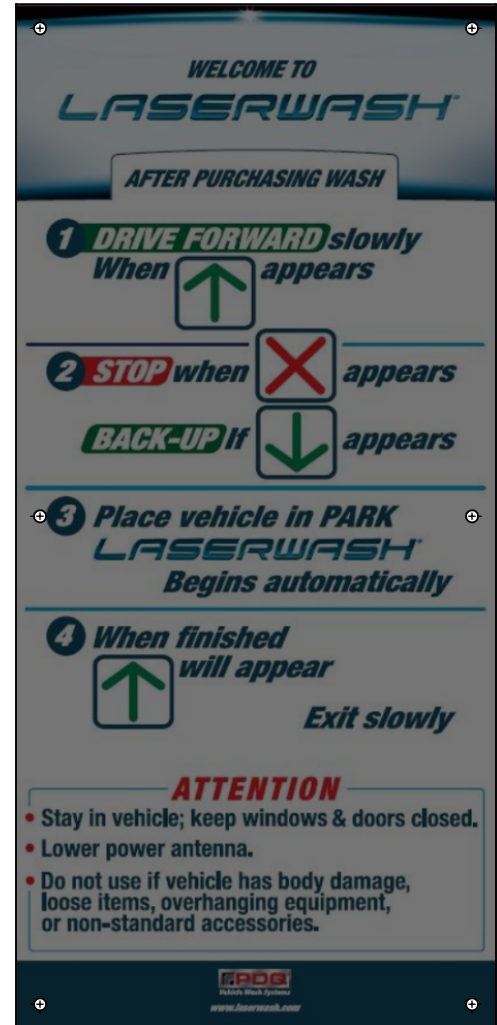
VEHICLE WASH SYSTEMS




PART OF OPW

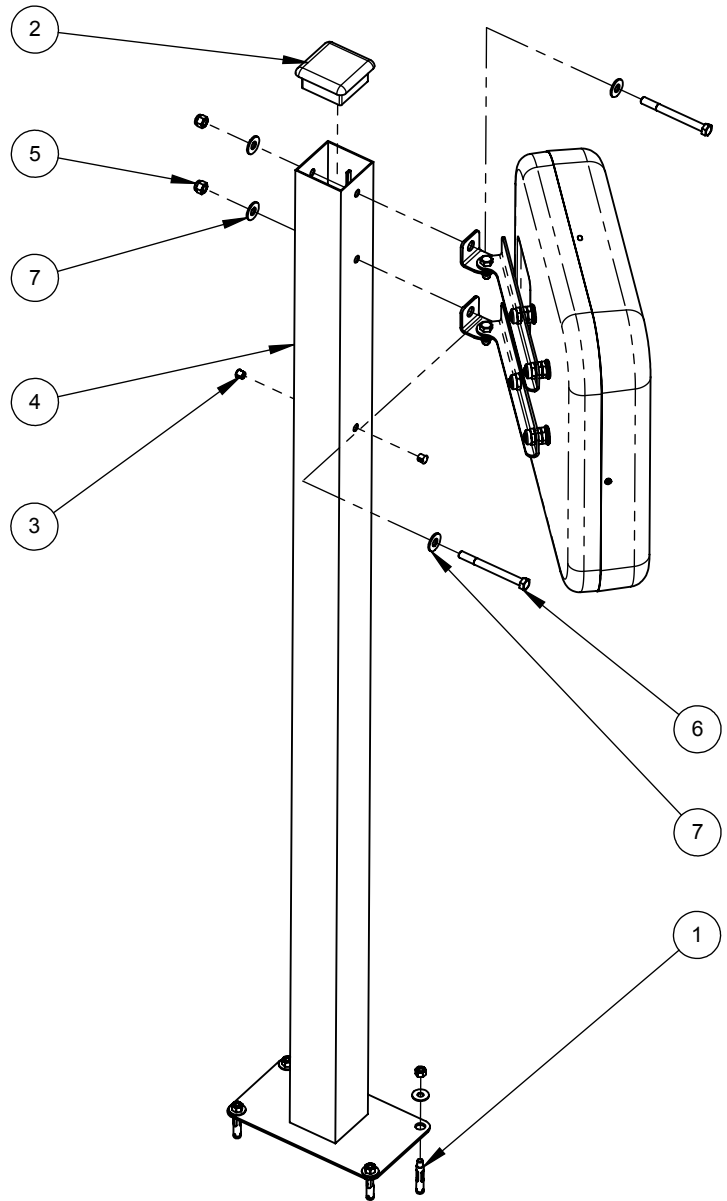
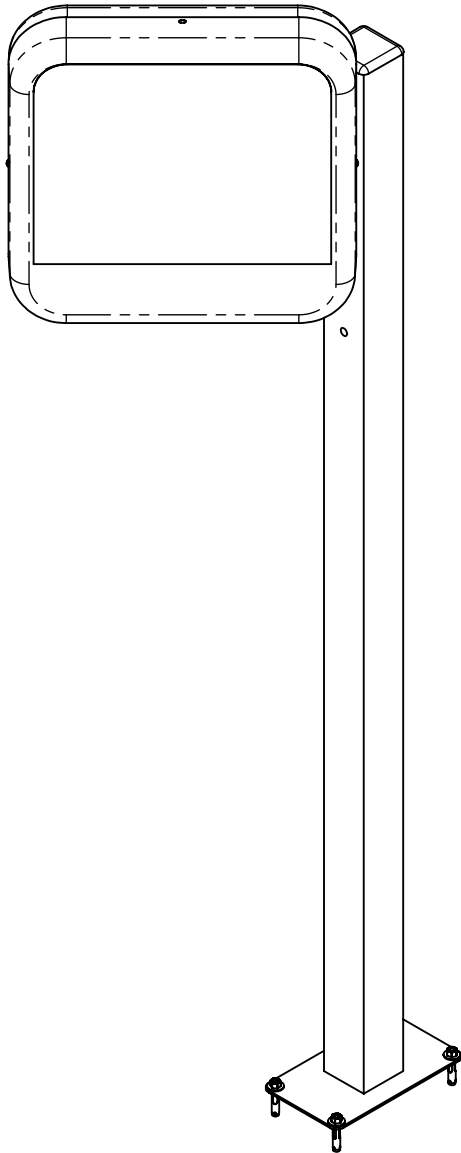
A DOVER COMPANY

SIGN #	DESCRIPTION
09020035	SIGN, ENTRANCE, OPERATING-INST, G5/M5
09020046	SIGN, ENTRANCE, OPERATING-INST, G5/M5, FR-CA
09020069	SIGN, ENTRANCE, OPERATING-INST, TANDEM
09020127	SIGN, ENTRANCE, OPERATING-INST, LASERWASH
09020139	SIGN, ENTRANCE, OPER-INST, FEATHERWASH
09020143	SIGN, ENTRANCE, OPER-INST, TANDEM, RED
09020176	SIGN, ENTRANCE, OP-INST, LASERWASH, SLOVAK
09020182	SIGN, ENTRANCE, OPERATING-INST, ICON, EN
09020184	SIGN, ENTRANCE, OP-INST, G5, FEDERATED
09020185	SIGN, ENTRANCE, OP-INST, PROTOUCH, TANDEM
09020204	SIGN, ENTRANCE, OPERATING-INST, ITALIAN, LW
09020205	SIGN, ENTRANCE, OPERATING-INST, ICON, ITALIA
09020210	SIGN, ENTRANCE, OPERATING-INST, ICON, POLISH
09020234	SIGN, ENTRANCE, OPERATING-INST, LW, THAI



PICTORIAL PARTS CATALOG		
DESCRIPTION: OPERATING INSTRUCTION SIGN		
DWG. NO. 09020187	REV 04	SHEET 1 OF 1
 VEHICLE WASH SYSTEMS <small>PART OF OPW DOVER COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	05180019	ANCHOR, CONCRETE, SLEEVE, 3/8x1.875", SST
2	06160198	COVER, ENDPLATE, LWM5, 3.00x3.00-TUBE
3	06160210	COVER, HOLE, .375, NY, .12MAX-PANEL, BLACK
4	06250053	FRAME, SIGN, FLOOR-STAND, M5/LW
5	71013-NCS	NUT, 3/8-16, HEX, LOCK, SST
6	70192-HCS	SCREW, 3/8-16x4.00, HHCS, SST
7	71513-FS	WASHER, 3/8, FLAT, 1-OD, .083THK, SST



PICTORIAL PARTS CATALOG

DESCRIPTION:

SIGN STAND KIT

DWG. NO.

09100113

REV

01

SHEET

1 OF 1



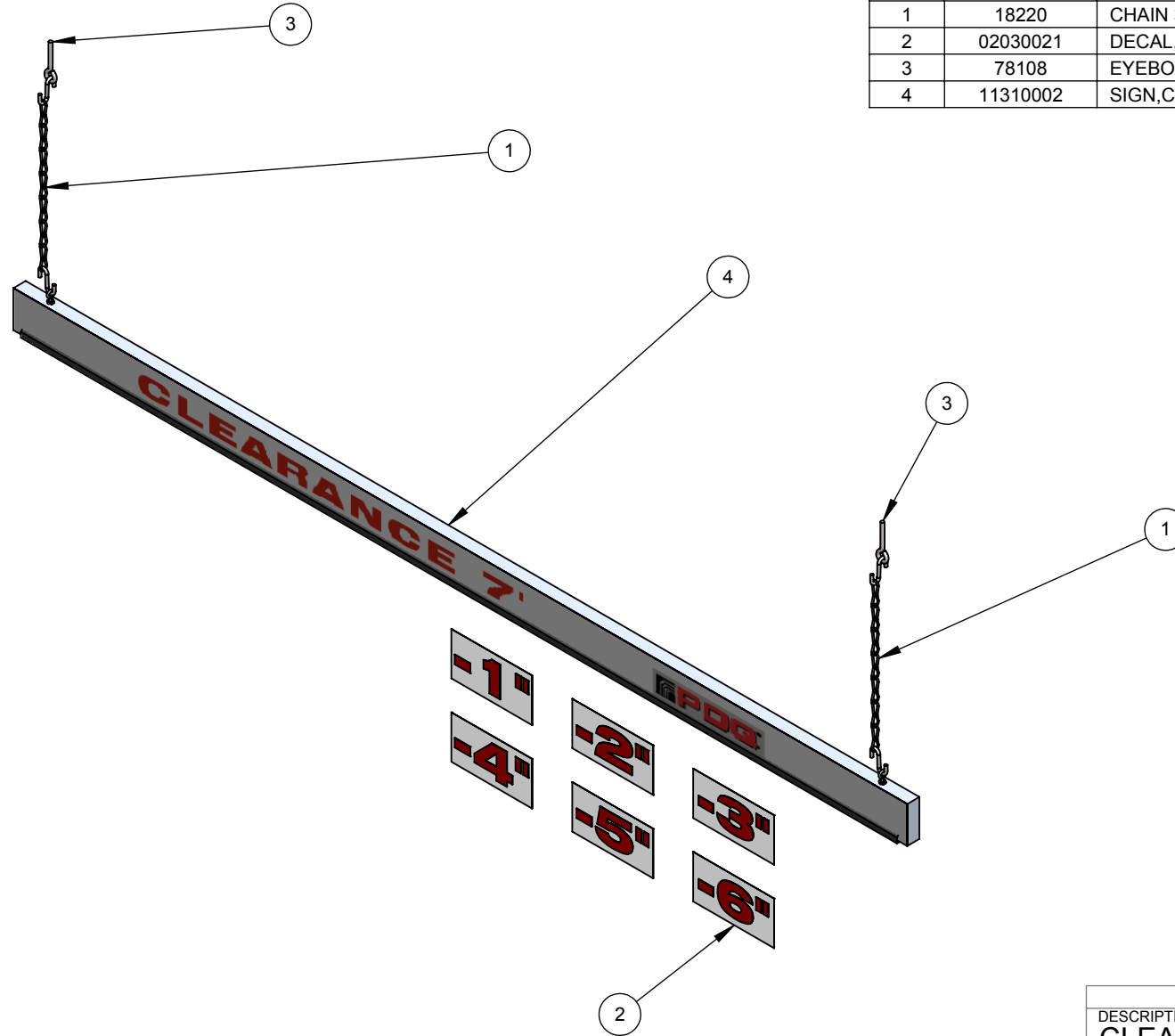
VEHICLE WASH SYSTEMS






PART OF OPW

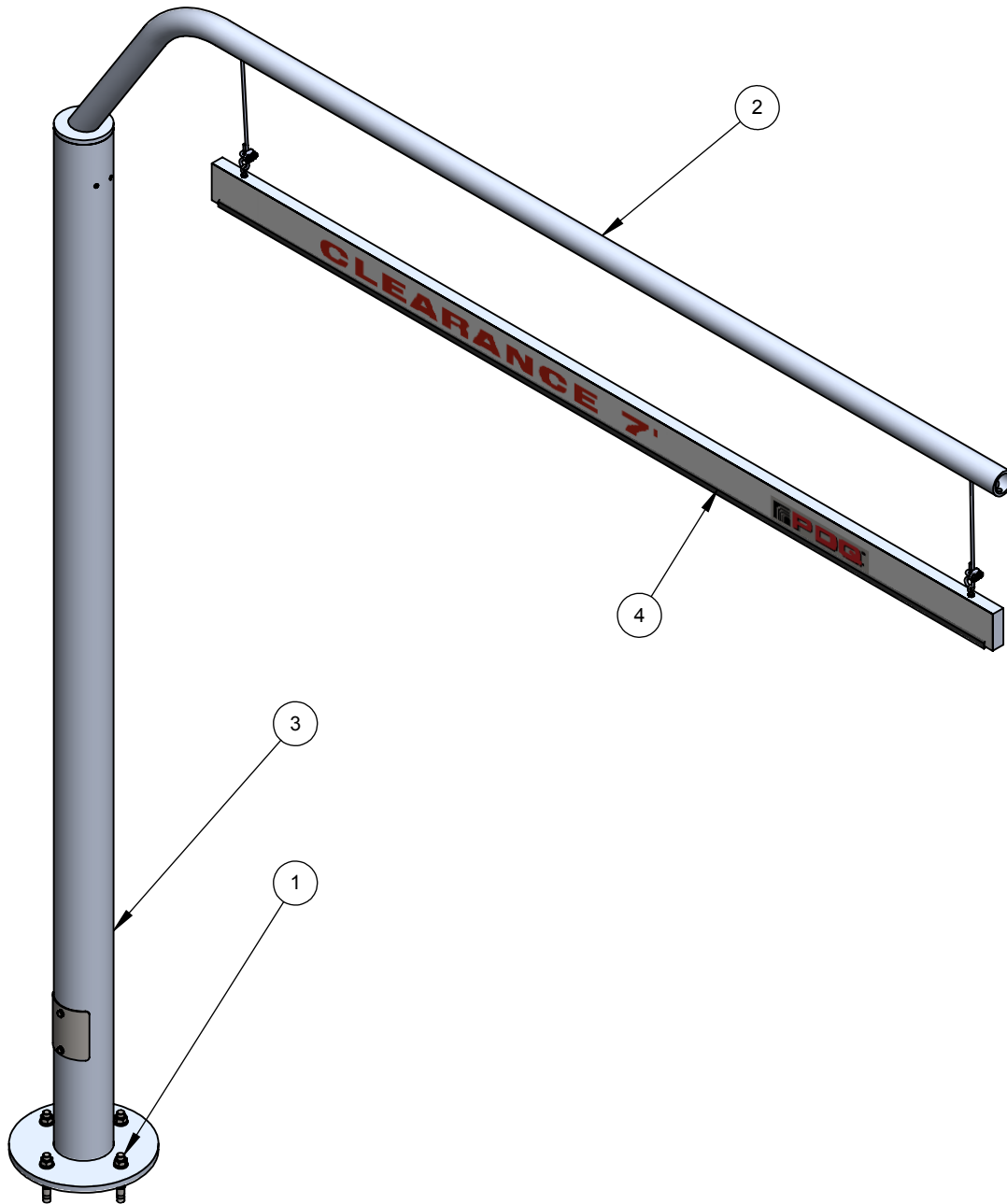
DOVER COMPANY

ITEM	PART #	DESCRIPTION
1	18220	CHAIN 3/32 DOUBLE LOOP COIL
2	02030021	DECAL,CLEARANCE-SIGN,G5,INCH-OPTION
3	78108	EYEBOLT 1/4"-20THR 2"L GALV E-3 W/S HOOK
4	11310002	SIGN,CLEARANCE,NON-LIGHTED



PICTORIAL PARTS CATALOG		
DESCRIPTION: CLEARANCE SIGN, NON-LIGHTED, HANGING		
DWG. NO.	REV	SHEET
09020001	00	1 OF 1
		
VEHICLE WASH SYSTEMS		
PART OF OPW		

ITEM	PART #	DESCRIPTION
1	05090001	ANCHOR,STUD,1/2-13UNCx3-3/4",SST
2	11080018	FRAME,ASSY,CLEARANCE-SIGN-TOP-ARM
3	M300186	LEG,ASSY,83.75,CLEARANCE SIGN ASSY
4	11310002	SIGN,CLEARANCE,NON-LIGHTED



PICTORIAL PARTS CATALOG

DESCRIPTION:
**CLEARANCE SIGN, NON-LIGHTED,
 WITH STAND**

DWG. NO.	REV	SHEET
09020009	00	1 OF 1



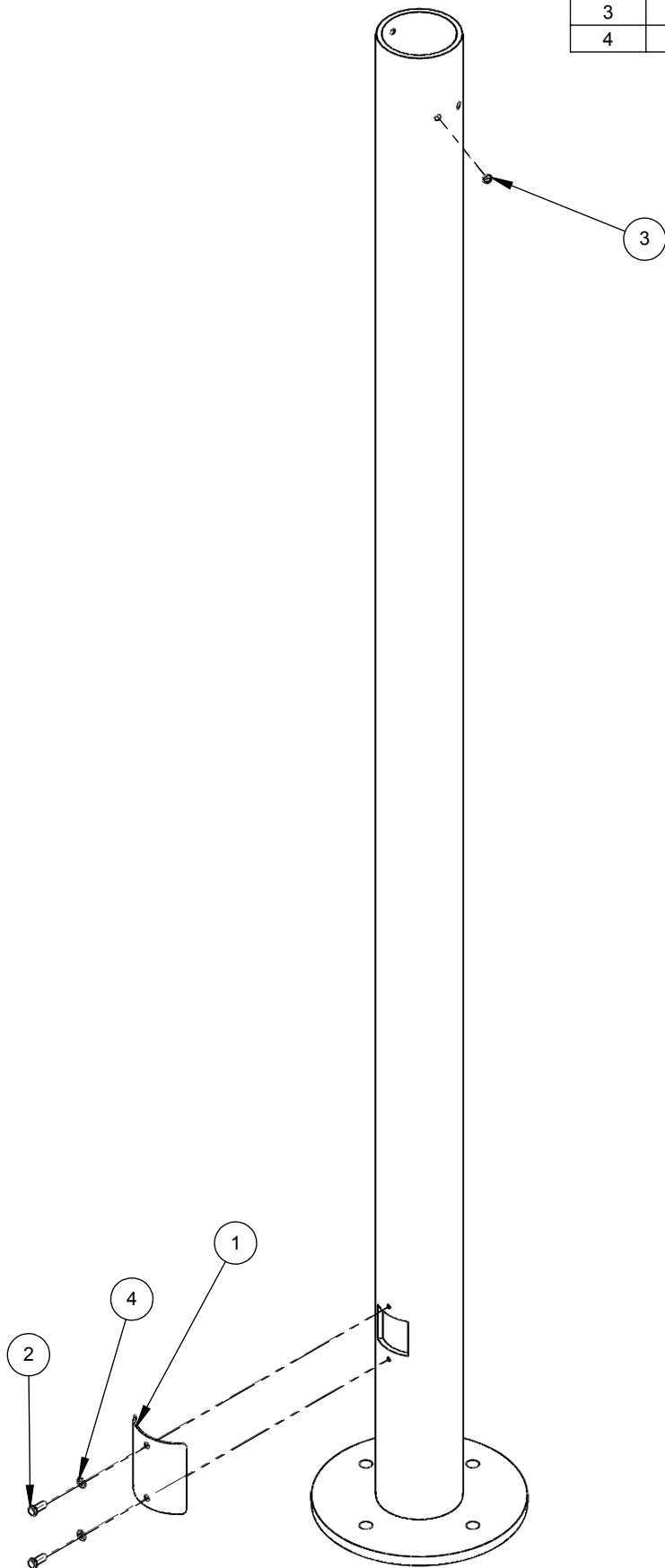
VEHICLE WASH SYSTEMS



PART OF OPW

A DOVER COMPANY

ITEM	PART #	DESCRIPTION
1	M500248	COVER 4"OD POST 5" LONG SS CLEARANC SIGN
2	70108-HCS	SCREW, 1/4-20x.75, HHCS, SST
3	73265-SCS	SET-SCREW, 3/8-16x.25, HEX-SOC, CUP, SST
4	71511-LS	WASHER, 1/4, LOCK, SST



PICTORIAL PARTS CATALOG
 DESCRIPTION:
CLEARANCE SIGN LEG




DWG. NO. **M300186** REV **08** SHEET **1 OF 1**

PDQ
 VEHICLE WASH SYSTEMS

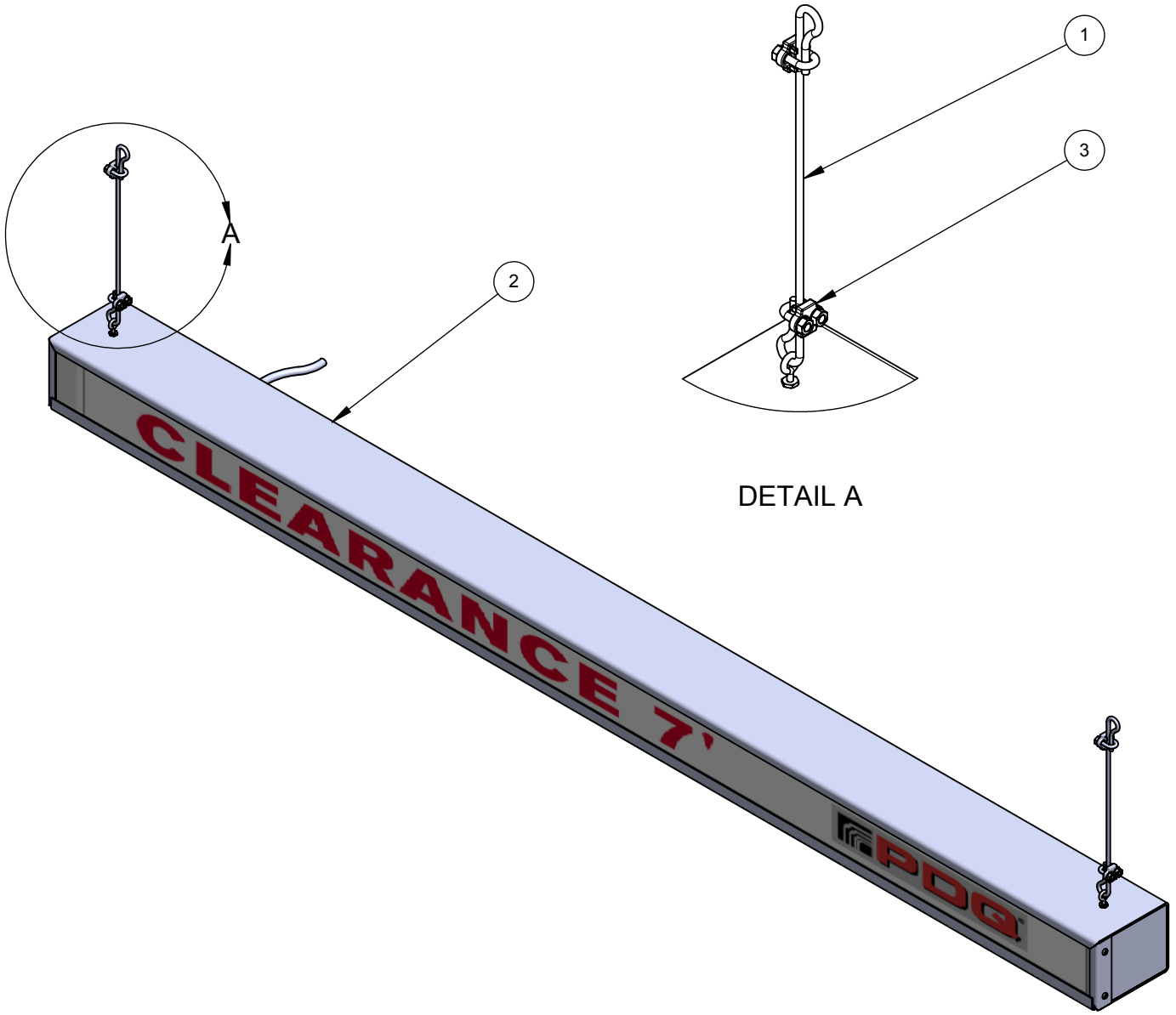
PART OF OPW A DOVER COMPANY

ITEM	PART #	DESCRIPTION
1	M3000187	BRACKET, WELDED, 1.50x87.00, ALUMINUM
2	18005-GNY	CABLE 3/16 OD 1/8" 7 X 19 NYLON COATED
3	18005-GNY	CABLE 3/16 OD 1/8" 7 X 19 NYLON COATED
4	69295-4P	COVER 1-1/2 BLACK VINYL
5	18030	U-BOLT, WIRE-ROPE, CLIP, 1/8, FORGED, STEEL



PICTORIAL PARTS CATALOG		
DESCRIPTION: CLEARANCE SIGN UPPER ARM		
DWG. NO.	REV	SHEET
11080018	03	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	18005-GNY	CABLE 3/16 OD 1/8" 7 X 19 NYLON COATED
2	11310001	SIGN,CLEARANCE,LIGHTED
3	18030	U-BOLT,WIRE-ROPE,CLIP,1/8,FORGED,STEEL



DETAIL A

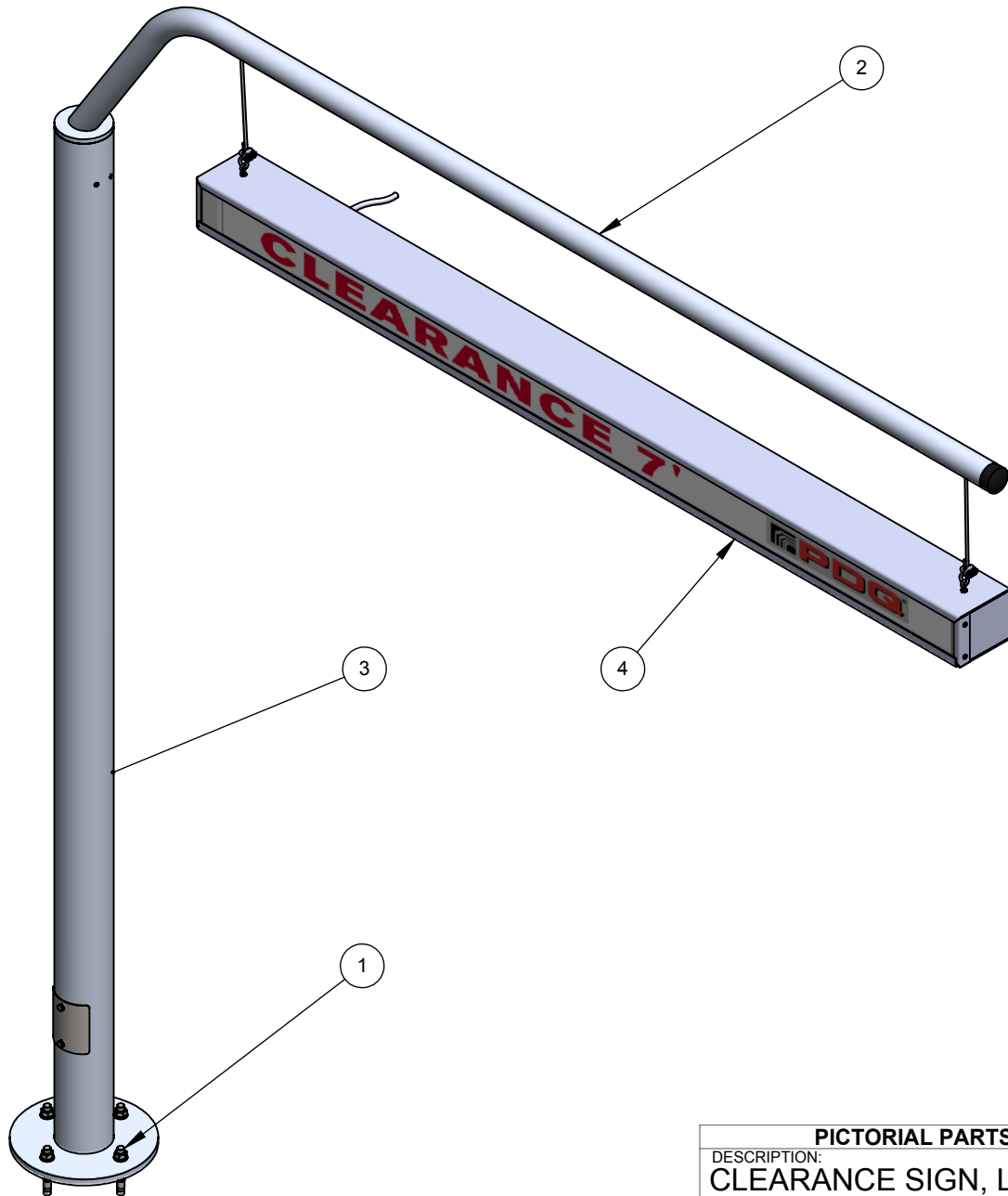
PICTORIAL PARTS CATALOG		
DESCRIPTION: CLEARANCE SIGN, LIGHTED, HANGING		
DWG. NO.	REV	SHEET
09020011	00	1 OF 1




VEHICLE WASH SYSTEMS

PART OF OPW 

ITEM	PART #	DESCRIPTION
1	05090001	ANCHOR,STUD,1/2-13UNCx3-3/4",SST
2	11080018	FRAME,ASSY,CLEARANCE-SIGN-TOP-ARM
3	M300186	LEG,ASSY,83.75,CLEARANCE SIGN ASSY
4	11310001	SIGN,CLEARANCE,LIGHTED



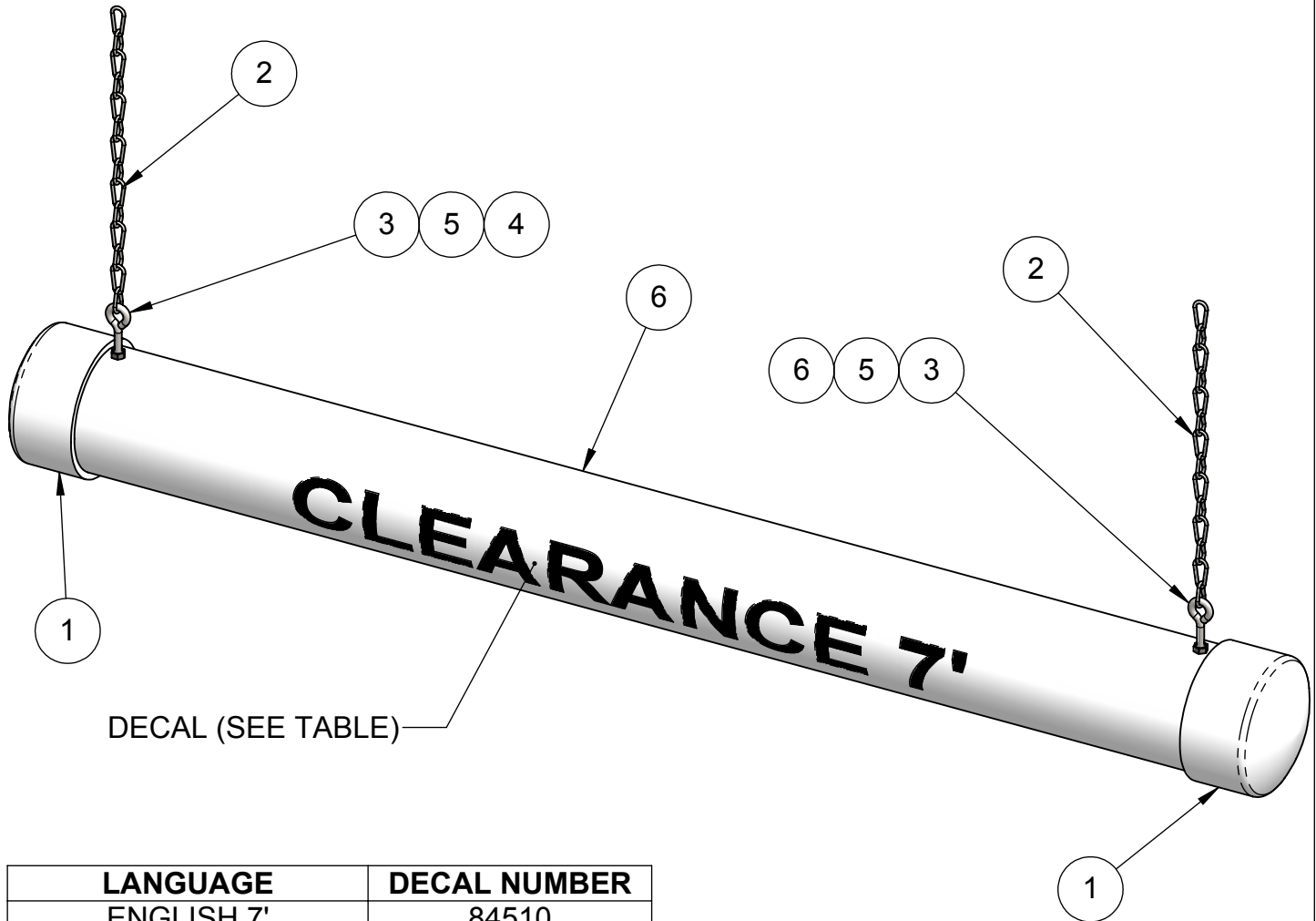
PICTORIAL PARTS CATALOG		
DESCRIPTION: CLEARANCE SIGN, LIGHTED, WITH STAND		
DWG. NO.	REV	SHEET
09020006	00	1 OF 1




VEHICLE WASH SYSTEMS

PART OF OPW 

ITEM	PART #	DESCRIPTION
1	69300-4P	CAP,4,SLIP,SCH40,PVC
2	18220	CHAIN 3/32 DOUBLE LOOP COIL
3	78108	EYEBOLT 1/4"-20THR 2"L GALV E-3 W/S HOOK
4	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
5	71011-HCS	NUT,1/4-20,HEX,SST
6	M540085	PIPE,RND,4xSCH40x47.50,PVC,W/HOLES



DECAL (SEE TABLE)

LANGUAGE	DECAL NUMBER
ENGLISH 7'	84510
SPANISH	84511
FRENCH-CANADIAN	84512
KOREAN	84513
ENGLISH 2.1M	84514
NORWAY OR SWEDEN	02030385
SLOVAK	M450024
PORTUGUESE	02030004
GERMAN	02030009
FRENCH	02030010
ICELANDIC	02030156
ITALIAN	02030179
FINNISH	02030026
GREEK	02030198
FRENCH 2.10 M	02030225
MONTENEGRIN 2.10	02030236

PICTORIAL PARTS CATALOG		
DESCRIPTION: CLEARANCE SIGN-TUBE STYLE, NON LIGHTED, HANGING		
DWG. NO. M924004	REV 08	SHEET 1 OF 1



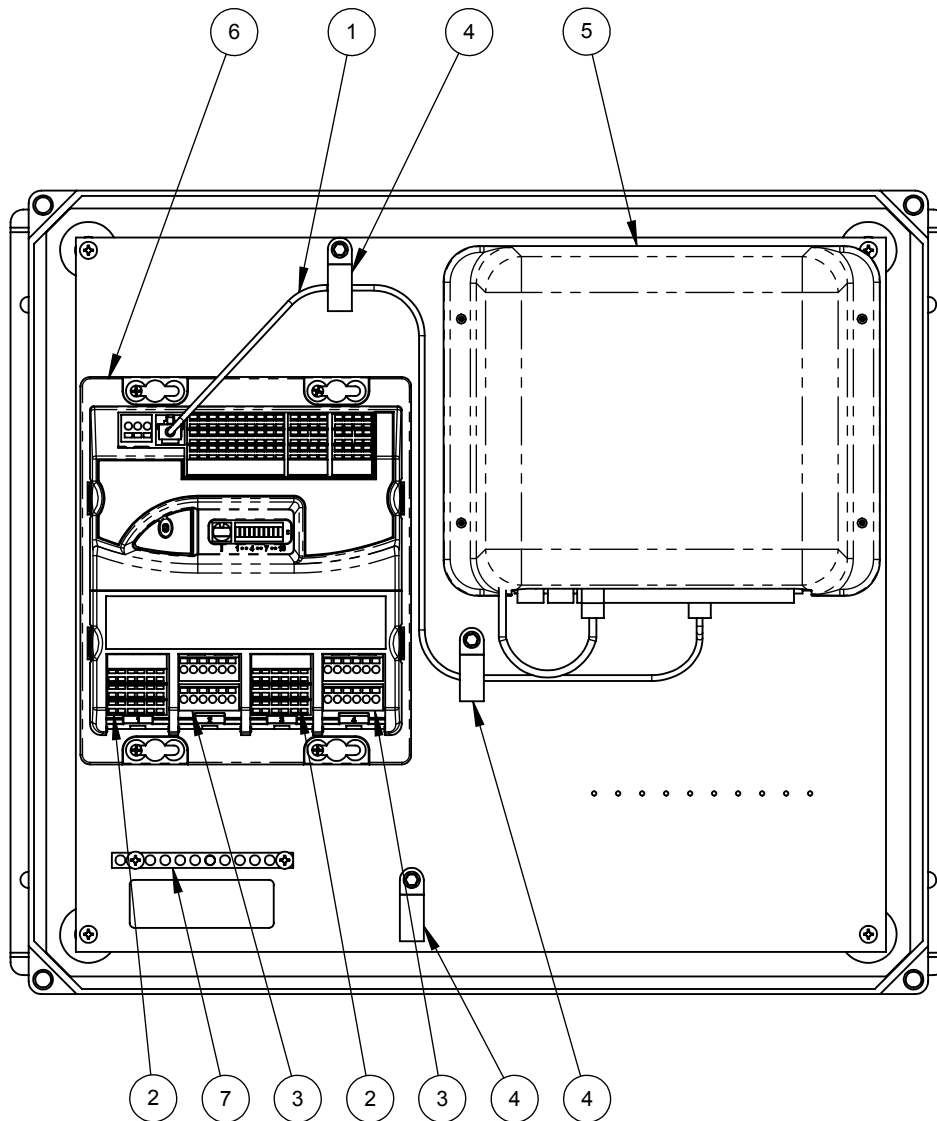

VEHICLE WASH SYSTEMS

PART OF OPW 



Bay Equipment

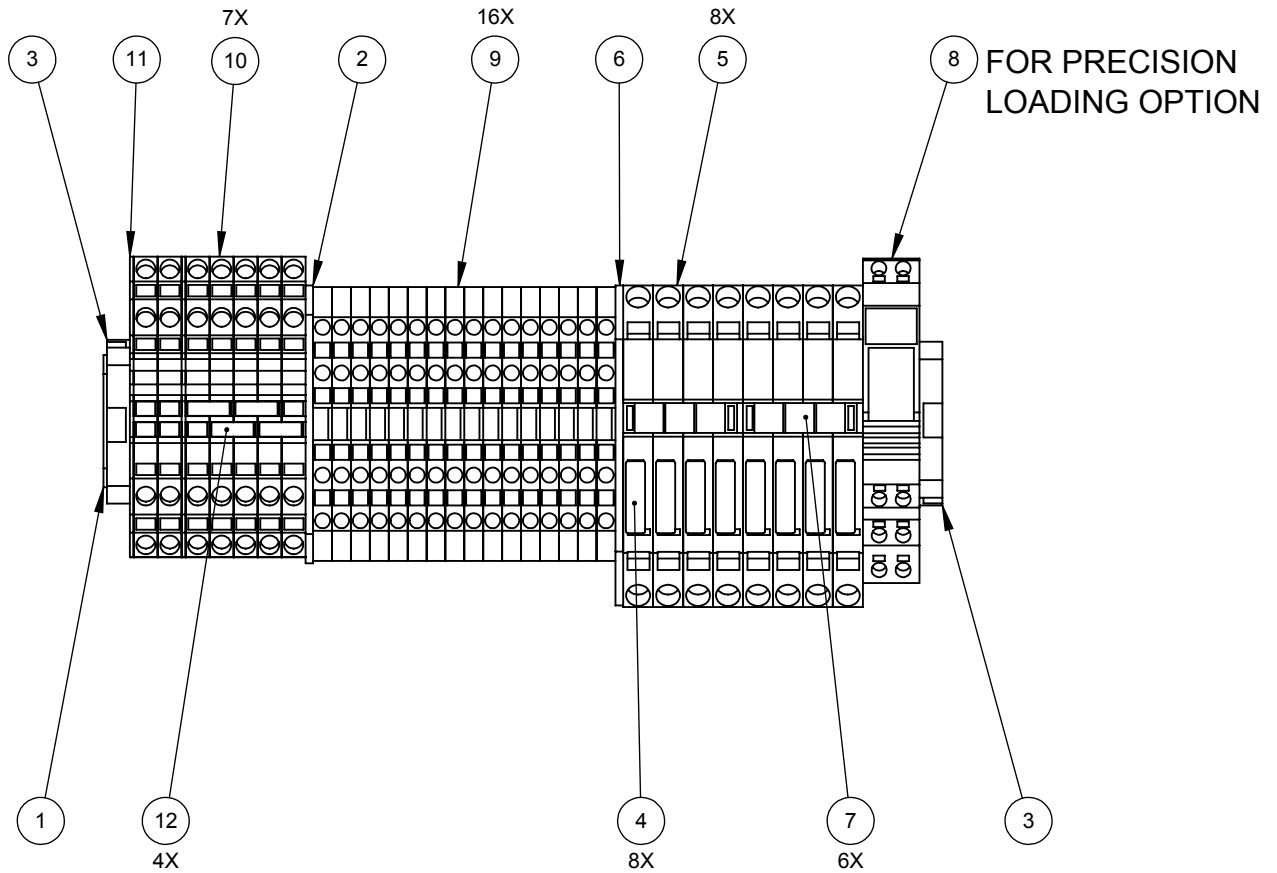
ITEM	PART #	DESCRIPTION
1	04200031	CABLE,CAT5,PATCH,RJ45,8C,450mm,ORANGE
2	04580026	CIRCUIT-BOARD,OUTPUT,5-RELAY,6A,MULTI-PH
3	04580019	CIRCUIT-BOARD,OUTPUT,5-RELAY,6A
4	05050015	CLAMP,CABLE,22.2mm,NYLON
5	11010259	CONTROL-BOX,CONDUCTOR-W/HUB,TITAN
6	11010052	NODE,I/O-MODULE,10IN,20OUT,4US,2SERIAL
7	04100046	TERMINAL-BLOCK,GND-BAR,9P,8-14AWG,225A





PICTORIAL PARTS CATALOG		
DESCRIPTION: BAY BOX - NODE COMPONENTS		
DWG. NO.	REV	SHEET
11010305	02	1 OF 2

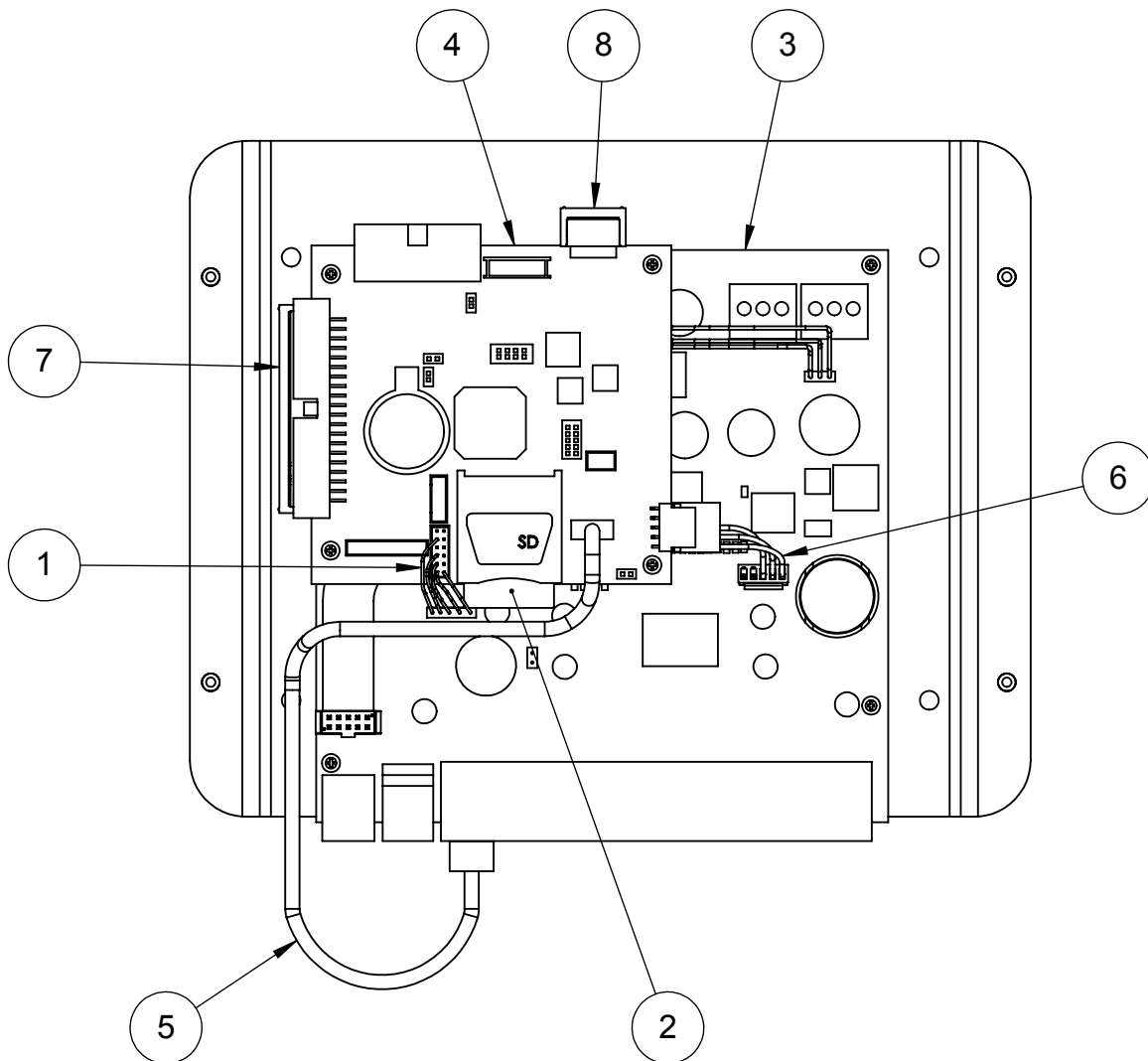


ITEM	PART #	DESCRIPTION
1	36950-8.75	DIN-RAIL,35mmx8.75",AL
2	36607	END PLATE,FRONT,4P,280-317,ORANGE
3	36650	END-STOP,6mm,PLST,GRAY,249-116
4	04110034	FUSE,3A,MINI,FAST-ACTING,AUTOMOTIVE
5	04110031	FUSE-HOLDER,AUTOMOTIVE,TERM-BLK
6	04110035	FUSE-HOLDER,END-PLATE,2P,MINI-AUTOMOTIVE
7	36802	JUMPER INSULATED 282-402
8	04050010	RELAY-SOCKET,W-DPDT-RELAY,12VDC,8A
9	36507	TERMINAL-BLK,26-14GA,4P,GRAY
10	04100050	TERMINAL-BLOCK,4P,10-20AWG,30A,GRAY,WAGO
11	04100051	TERMINAL-END-BARRIER,ORANGE,4P,WAGO
12	04100052	TERMINAL-JUMPER,ADJACENT,WAGO



PICTORIAL PARTS CATALOG			
DESCRIPTION:			
BAY BOX - TERMINAL STRIP			
DWG. NO.	REV	SHEET	
11010305	02	2 OF 2	
			
VEHICLE WASH SYSTEMS			
PART OF OPW		DOVER COMPANY	

ITEM	PART #	DESCRIPTION
1	04080323	CABLE,AUDIO,TITAN-CONTROLLER,M5/TDM/LW
2	04610024	CARD,MEMORY,SD
3	04580024	CIRCUIT-BOARD,COMM-HUB/POWER-SUPPLY
4	04430025	CONTROLLER,SGL-BRD,TITAN,UNPROGRAMMED
5	04080243	HARNESS,CONDUCTOR-TO-HUB,ETHERNET
6	04080082	HARNESS,CONDUCTOR-TO-HUB,POWER,M5/G5
7	04080084	HARNESS,CONDUCTOR-TO-HUB,SERIAL,M5/G5
8	04080080	HARNESS,CONDUCTOR-TO-HUB,USB,M5/G5



PDQ Vehicle Wash Systems
A DOVER COMPANY

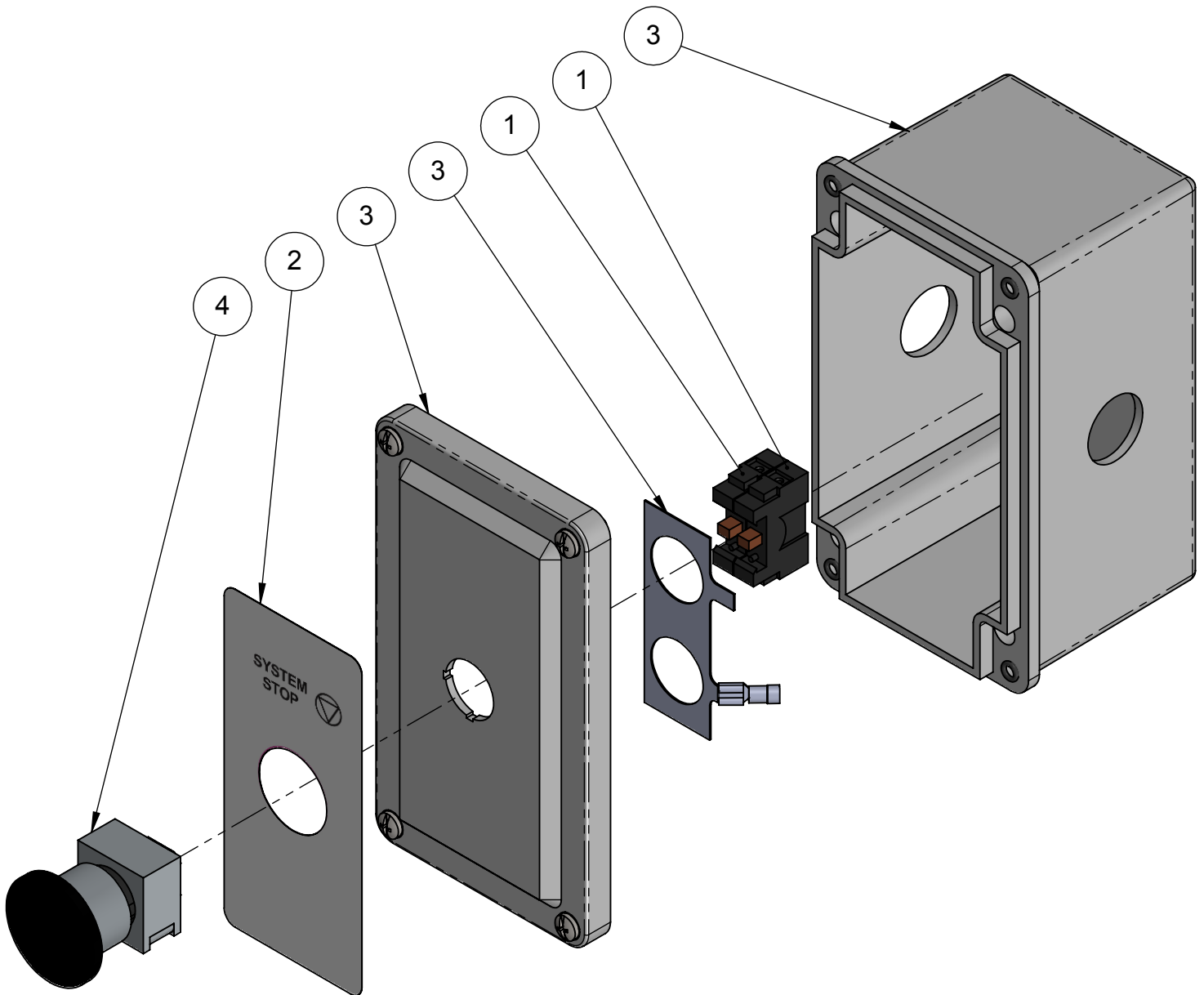
DESCRIPTION:
CONDUCTOR CONTROL BOX

PICTORIAL PARTS CATALOG - CONFIDENTIAL

DWG. NO.
11010259

REV
00

ITEM	PART #	DESCRIPTION
1	04010004	CONTACT,NC,1P,SEIMENS-SIRIUS-3S-SERIES
2	02030146	DECAL,SYSTEM-STOP,2.50x5.25,VINYL
3	04090090	ENCLOSURE,1-HOLE,PB,FGL,22mm-HOLE
4	04040016	SWITCH-PUSH-PULL,22mm,BLACK



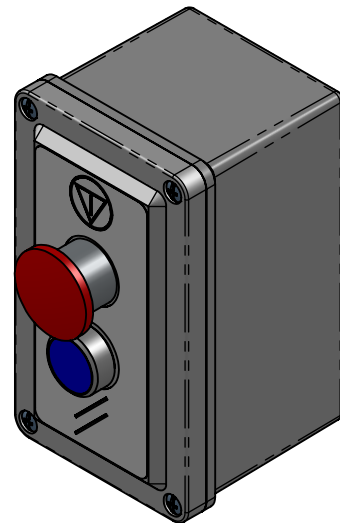
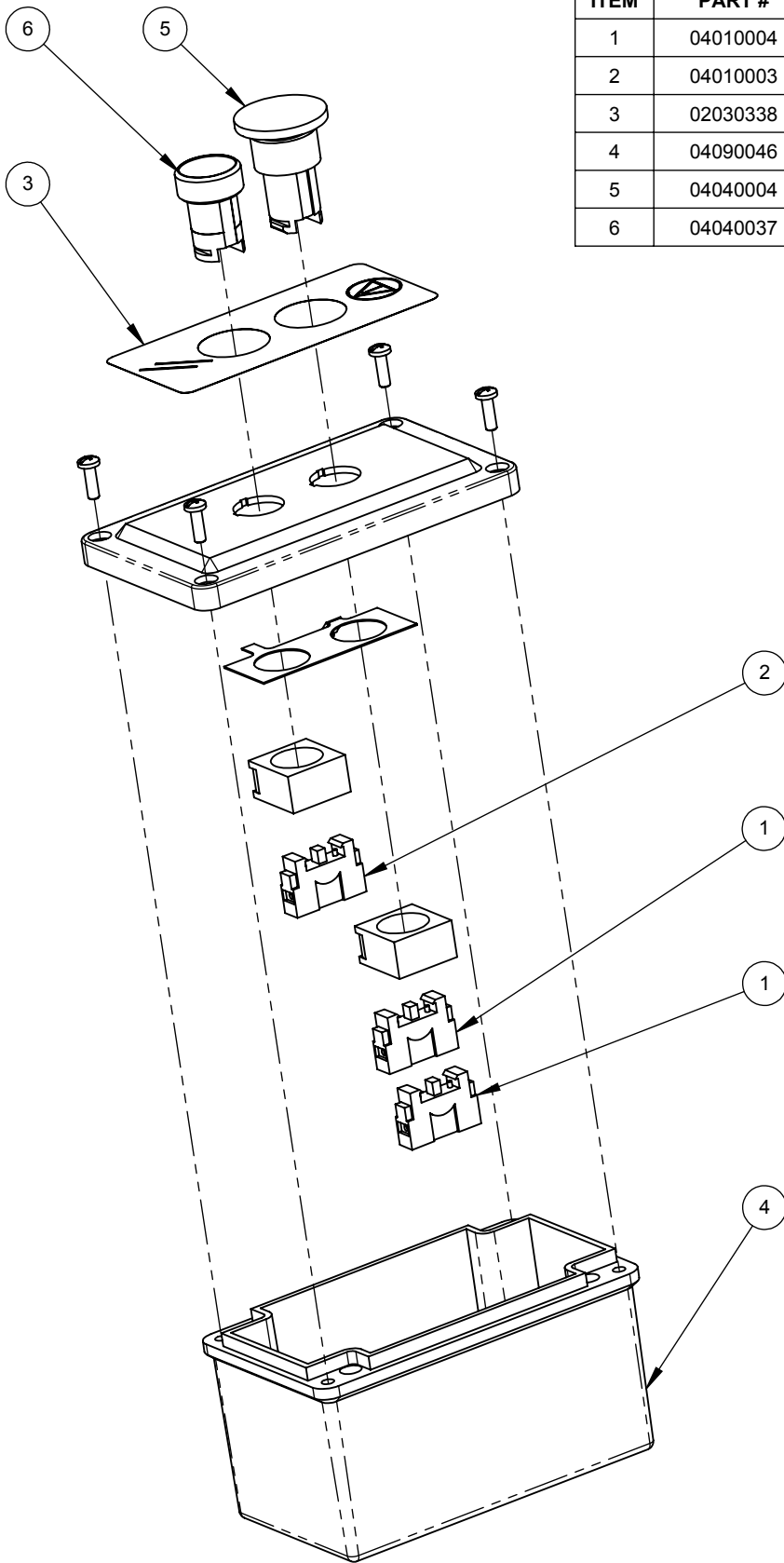
PICTORIAL PARTS CATALOG

DESCRIPTION:
SYSTEM STOP PUSH BUTTON

DWG. NO.	REV	SHEET
11010113	02	1 OF 1



ITEM	PART #	DESCRIPTION
1	04010004	CONTACT,NC,1P,SEIMENS-SIRIUS-3S-SERIES
2	04010003	CONTACT,NO,1P,SEIMENS-SIRIUS-3S-SERIES
3	02030338	DECAL,EMERGENCY-STOP,RESET
4	04090046	ENCLOSURE,2HOLE,PB,FGL,NEMA4X
5	04040004	SWITCH,MUSHROOM-40mm,22mm,RED
6	04040037	SWITCH,PUSHBUTTON,22mm,BLUE



PICTORIAL PARTS CATALOG

DESCRIPTION:
SYSTEM STOP WITH RESET

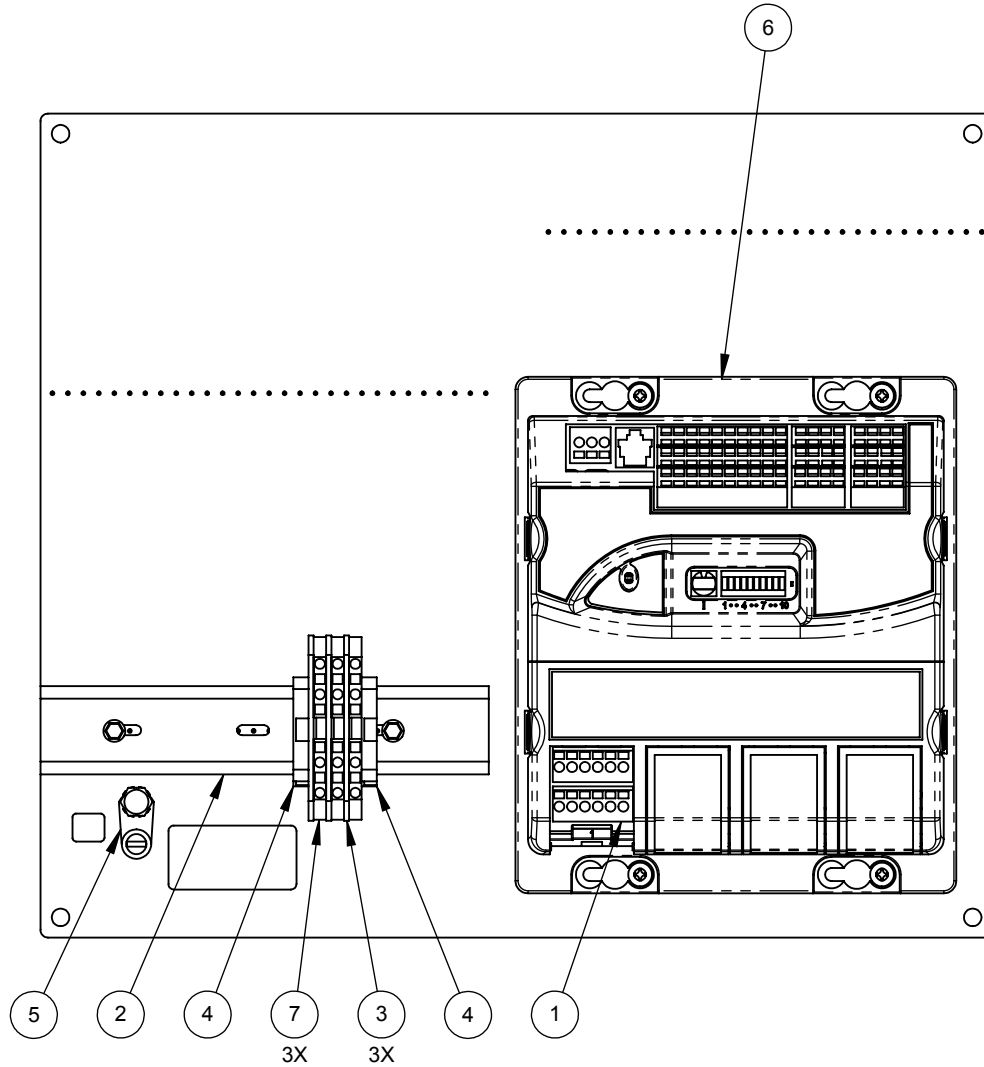
DWG. NO.	REV	SHEET
11010173	02	1 OF 1






VEHICLE WASH SYSTEMS

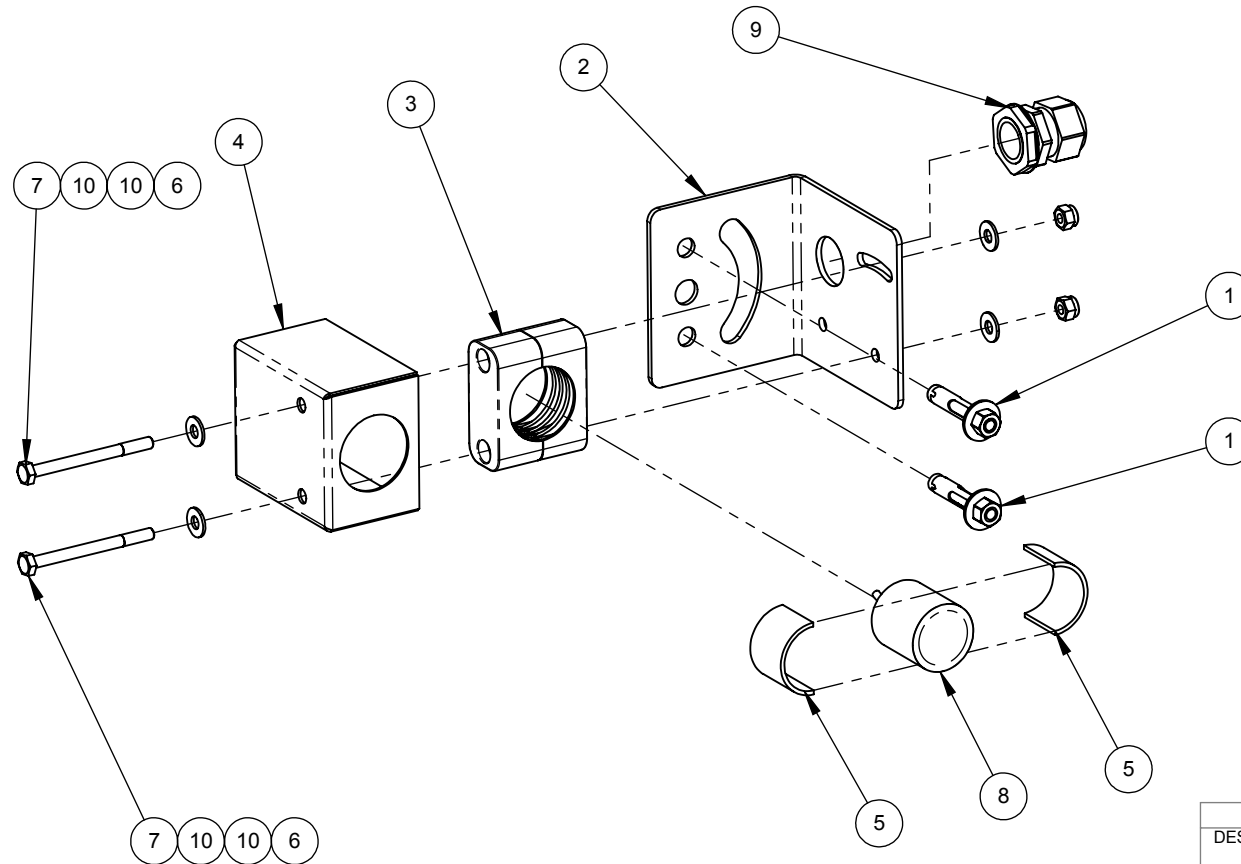
PART OF OPW DOVER COMPANY

ITEM	PART #	DESCRIPTION
1	04580019	CIRCUIT-BOARD,OUTPUT,5-RELAY,6A
2	36950-7.00	DIN-RAIL,35mmX10.5mmX1M,AL
3	36607	END PLATE,FRONT,4P,280-317,ORANGE
4	36650	END-STOP,6mm,PLST,GRAY,249-116
5	34900	LUG,GROUNDING,14-4GA,COPPER
6	11010052	NODE,I/O-MODULE,10IN,20OUT,4US,2SERIAL
7	36507	TERMINAL-BLK,26-14GA,4P,GRAY






PICTORIAL PARTS CATALOG		
DESCRIPTION: WASH ACTIVATION CONTROL BOX		
DWG. NO.	REV	SHEET
11010049	03	1 OF 1
		
VEHICLE WASH SYSTEMS		
PART OF OPW		

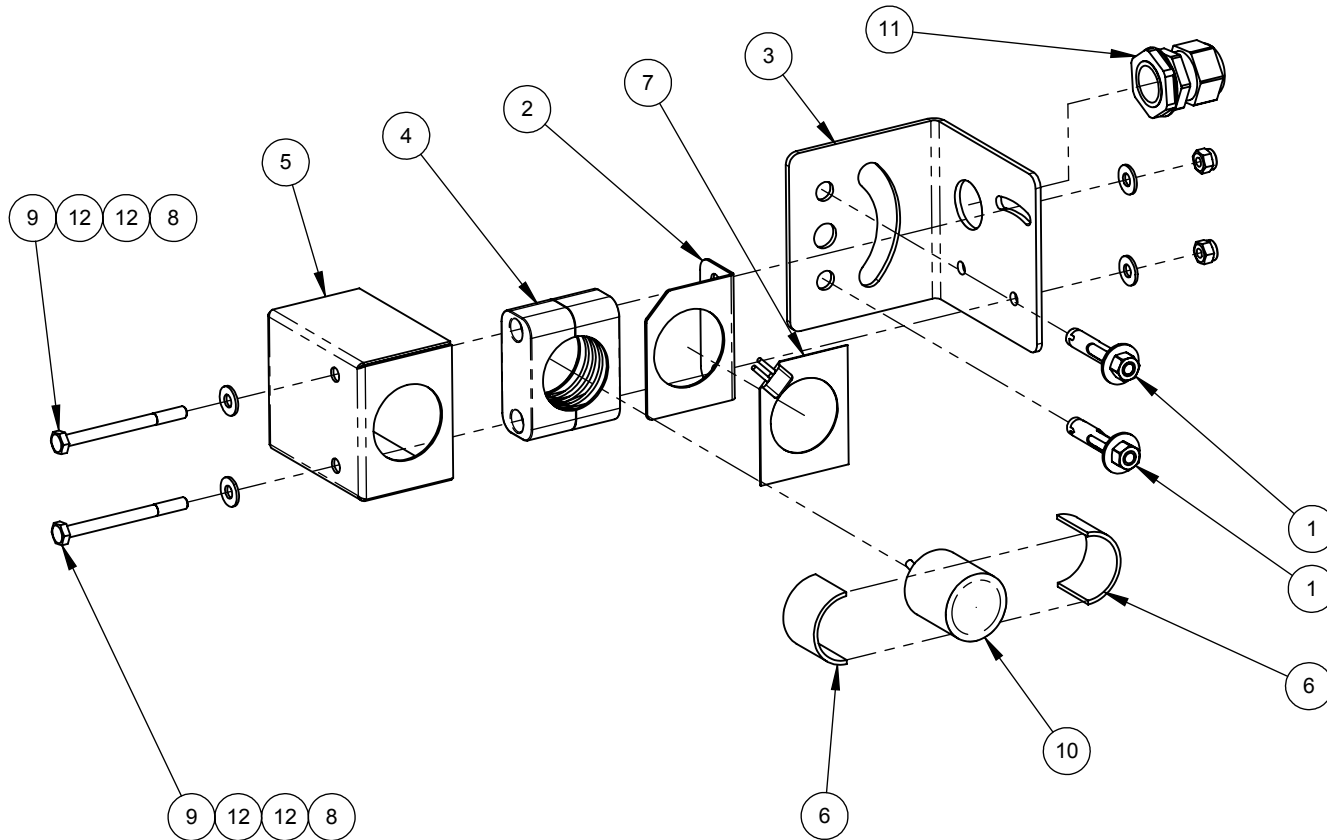
ITEM	PART #	DESCRIPTION
1	78015	ANCHOR,SLEEVE,3/8x1-7/8",ZNC-PLD
2	06141444	BRACKET,ULTRASONIC,MOUNT,LW360P
3	05050064	CLAMP,PIPE,1-1/4x2.75x1.125,PA
4	06160254	COVER,ULTRASONIC,SST,LWM5
5	06060015	CUSHION,ULTRASONIC-MOUNT,SILICONE
6	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
7	70118-HCS	SCREW,1/4-20x3.00,HHCS,SST
8	04420036	SENSOR,ULTRASONIC,75kHz,60°CBL,1.5"DIA
9	04450018	STRAIN-RELIEF,M25,.354-.669",PLSTC
10	71511-FS	WASHER,1/4,FLAT,SST






ULTRASONIC,SENS,WALL-MOUNT,LW360P

PICTORIAL PARTS CATALOG		
DESCRIPTION: ULTRASONIC SENSOR WALL MOUNT		
DWG. NO. 11410015	REV 01	SHEET 1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

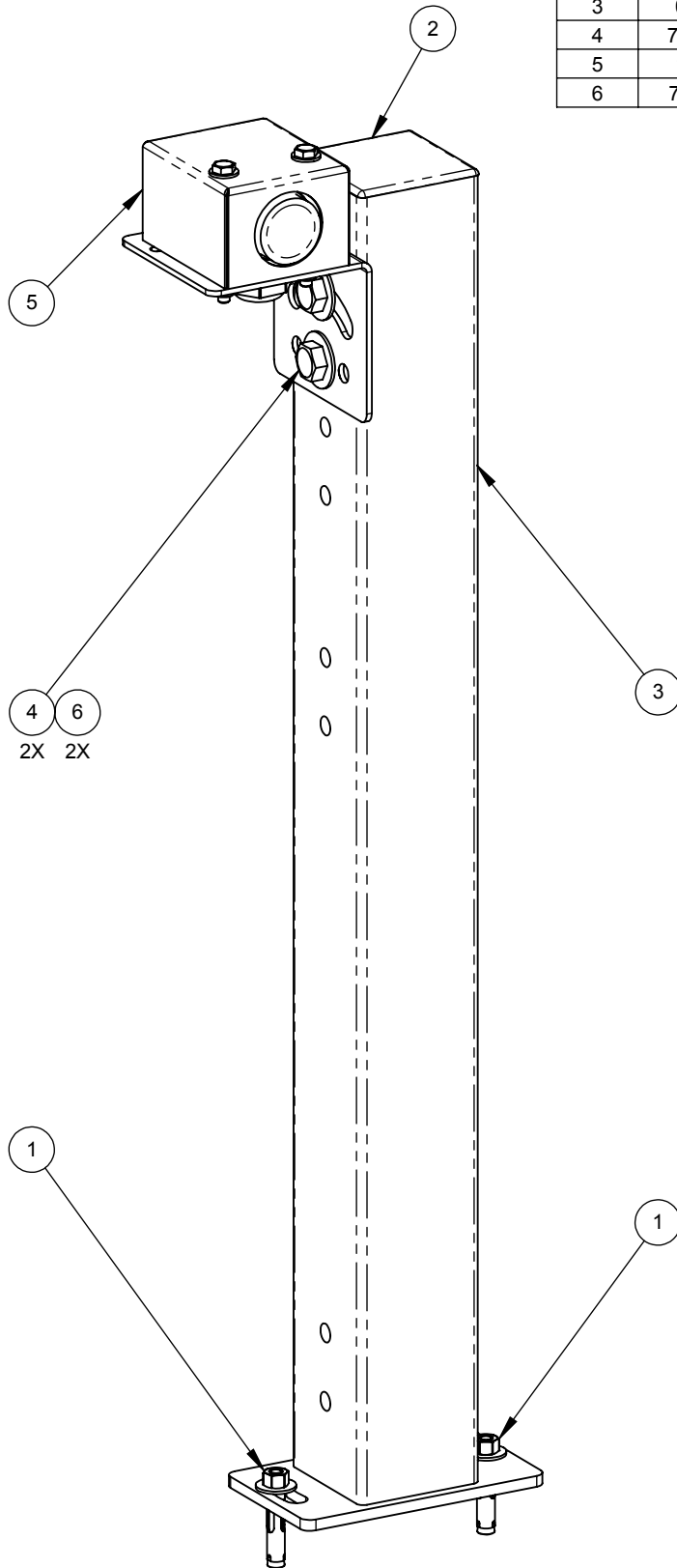
ITEM	PART #	DESCRIPTION
1	78015	ANCHOR,SLEEVE,3/8x1-7/8",ZNC-PLD
2	06140479	BRACKET,MOUNT,ULTRASONIC,HEAT,G5-S
3	06141444	BRACKET,ULTRASONIC,MOUNT,LW360P
4	05050064	CLAMP,PIPE,1-1/4x2.75x1.125,PA
5	06160254	COVER,ULTRASONIC,SST,LWM5
6	06060015	CUSHION,ULTRASONIC-MOUNT,SILICONE
7	04190024	HEATER,STRIP,20W,24VAC,42mmHOLE
8	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
9	70118-HCS	SCREW,1/4-20x3.00,HHCS,SST
10	04420036	SENSOR,ULTRASONIC,75kHz,60°CBL,1.5"DIA
11	04450018	STRAIN-RELIEF,M25,.354-.669",PLSTC
12	71511-FS	WASHER,1/4,FLAT,SST



ULTRASONIC,SENS,WALL-MOUNT,W/HEAT,LW360P

PICTORIAL PARTS CATALOG		
DESCRIPTION: ULTRASONIC SENSOR WALL MOUNT WITH HEAT		
DWG. NO. 11410016	REV 01	SHEET 1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	05180019	ANCHOR, CONCRETE, SLEEVE, 3/8x1.875", SST
2	M690049	CAP, 3.00x3.00x.083 TUBE, ABS, BLK
3	06250008	FRAME, VIRTUAL-TREADLE, LW4K, ULTRASONIC
4	70255-HCS	SCREW, 1/2-13x1.00, HHCS, SST
5	11410019	ULTRASONIC, ASSEMBLY, STAND-MOUNT, LW360P
6	71515-FSS	WASHER, 1/2, FLAT, SST

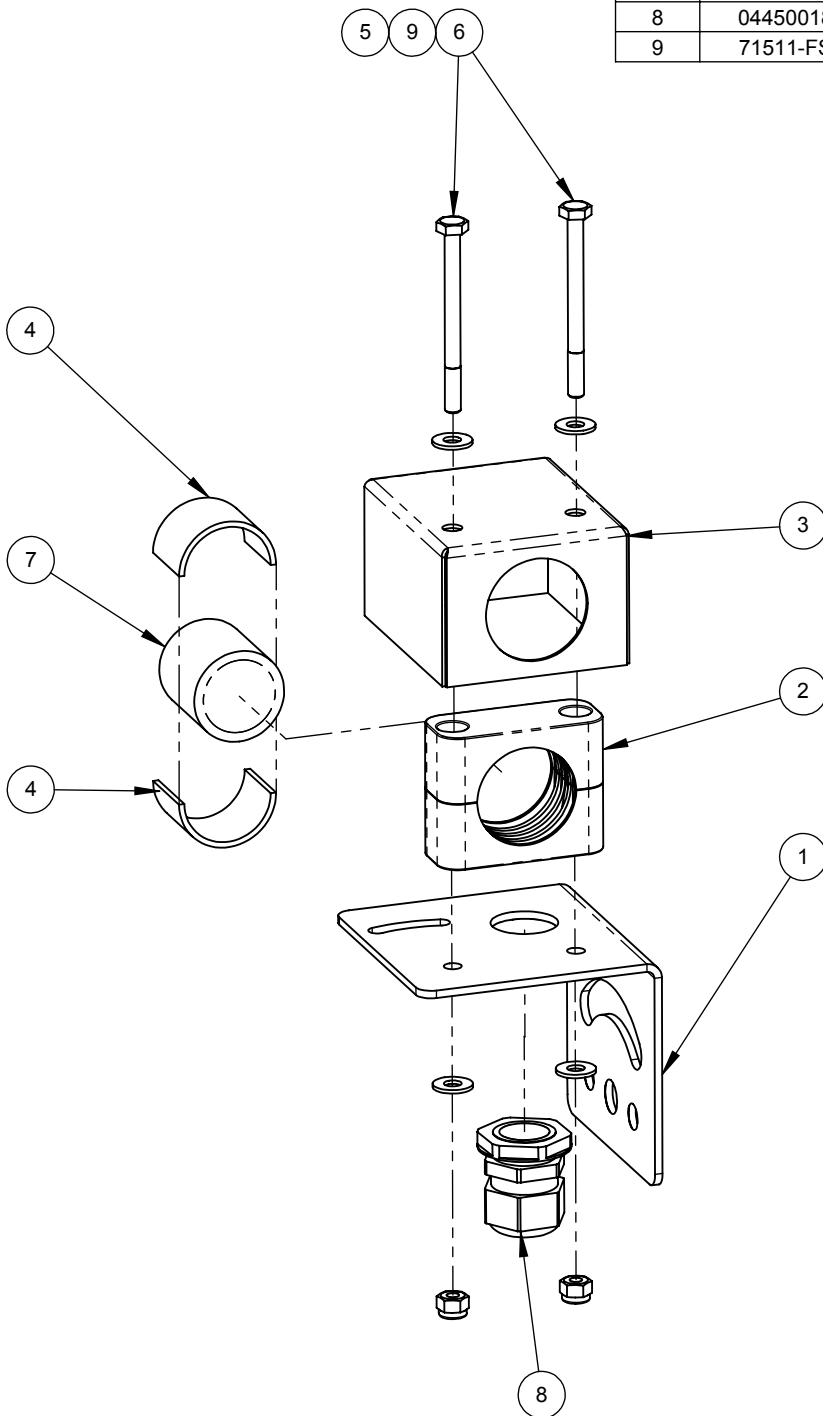


11410017
ULTRASONIC, SENSOR, STAND-MOUNT, LW360P

PICTORIAL PARTS CATALOG		
DESCRIPTION: ULTRASONIC SENSOR WITH STAND		
DWG. NO. 11410017	REV 02	SHEET 1 OF 1



ITEM	PART #	DESCRIPTION
1	06141444	BRACKET,ULTRASONIC,MOUNT,LW360P
2	05050064	CLAMP,PIPE,1-1/4x2.75x1.125,PA
3	06160254	COVER,ULTRASONIC,SST,LWM5
4	06060015	CUSHION,ULTRASONIC-MOUNT,SILICONE
5	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
6	70118-HCS	SCREW,1/4-20x3.00,HHCS,SST
7	04420036	SENSOR,ULTRASONIC,75kHz,60'CBL,1.5"DIA
8	04450018	STRAIN-RELIEF,M25,.354-.669",PLSTC
9	71511-FS	WASHER,1/4,FLAT,SST



11410019
 ULTRASONIC,ASSEMBLY,STAND-MOUNT
 LW360P

PICTORIAL PARTS CATALOG

DESCRIPTION:
 ULTRASONIC SENSOR FOR STAND
 MOUNTING

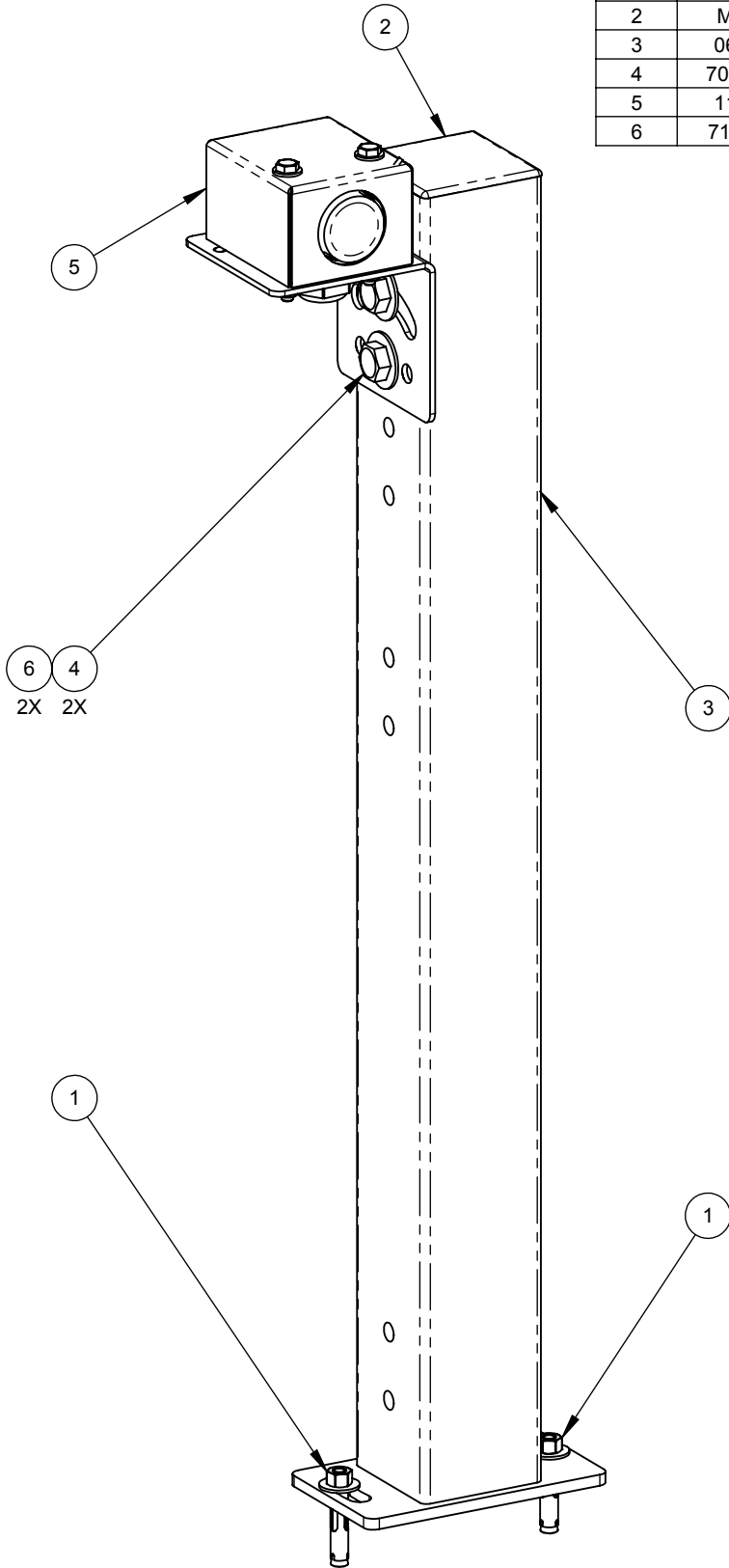
DWG. NO.	REV	SHEET
11410019	01	1 OF 1



VEHICLE WASH SYSTEMS

PART OF OPW DOVER COMPANY

ITEM	PART #	DESCRIPTION
1	05180019	ANCHOR, CONCRETE, SLEEVE, 3/8x1.875", SST
2	M690049	CAP, 3.00x3.00x.083 TUBE, ABS, BLK
3	06250008	FRAME, VIRTUAL-TREADLE, LW4K, ULTRASONIC
4	70255-HCS	SCREW, 1/2-13x1.00, HHCS, SST
5	11410020	ULTRASONIC, ASSY, STAND-MTD, W/HEAT, LW360P
6	71515-FSS	WASHER, 1/2, FLAT, SST

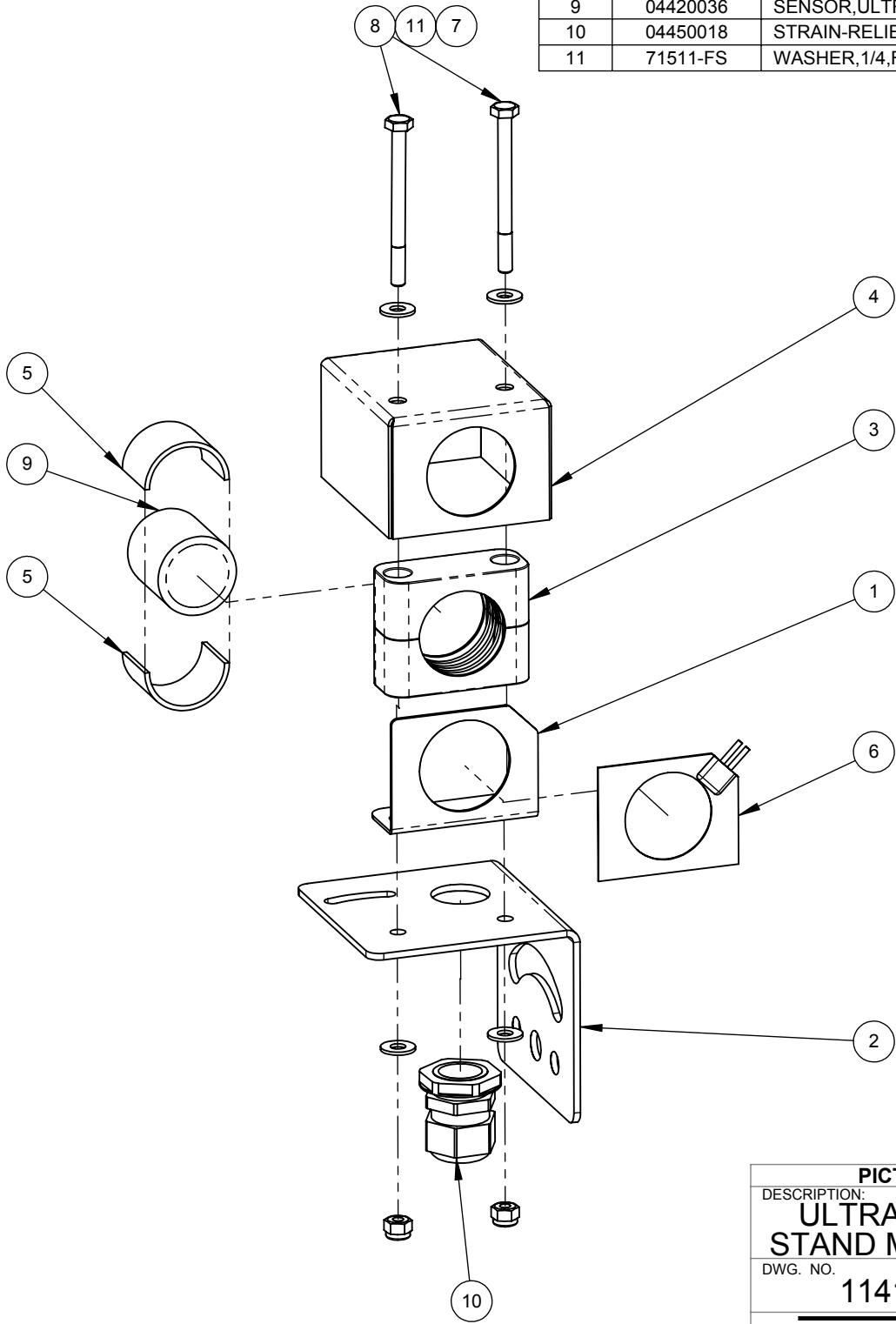


11410018
 ULTRASONIC, SENSOR, STAND-MOUNT, W/HEAT, LW360P

PICTORIAL PARTS CATALOG		
DESCRIPTION: ULTRASONIC SENSOR WITH STAND AND HEAT		
DWG. NO. 11410018	REV 02	SHEET 1 OF 1



ITEM	PART #	DESCRIPTION
1	06140479	BRACKET,MOUNT,ULTRASONIC,HEAT,G5-S
2	06141444	BRACKET,ULTRASONIC,MOUNT,LW360P
3	05050064	CLAMP,PIPE,1-1/4x2.75x1.125,PA
4	06160254	COVER,ULTRASONIC,SST,LWM5
5	06060015	CUSHION,ULTRASONIC-MOUNT,SILICONE
6	04190024	HEATER,STRIP,20W,24VAC,42mmHOLE
7	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
8	70118-HCS	SCREW,1/4-20x3.00,HHCS,SST
9	04420036	SENSOR,ULTRASONIC,75kHz,60'CBL,1.5"DIA
10	04450018	STRAIN-RELIEF,M25,.354-.669",PLSTC
11	71511-FS	WASHER,1/4,FLAT,SST



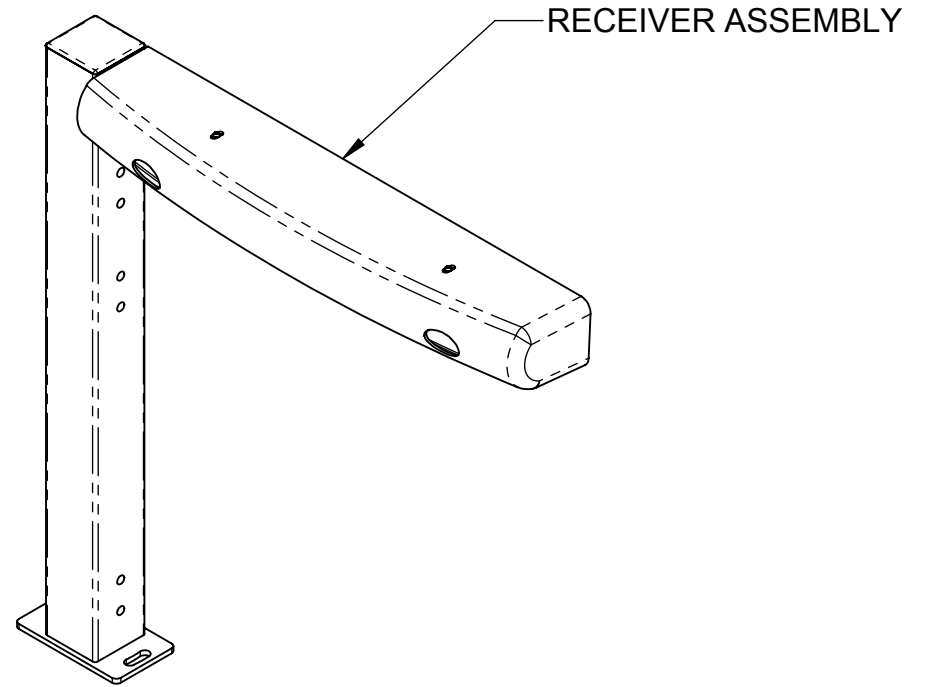
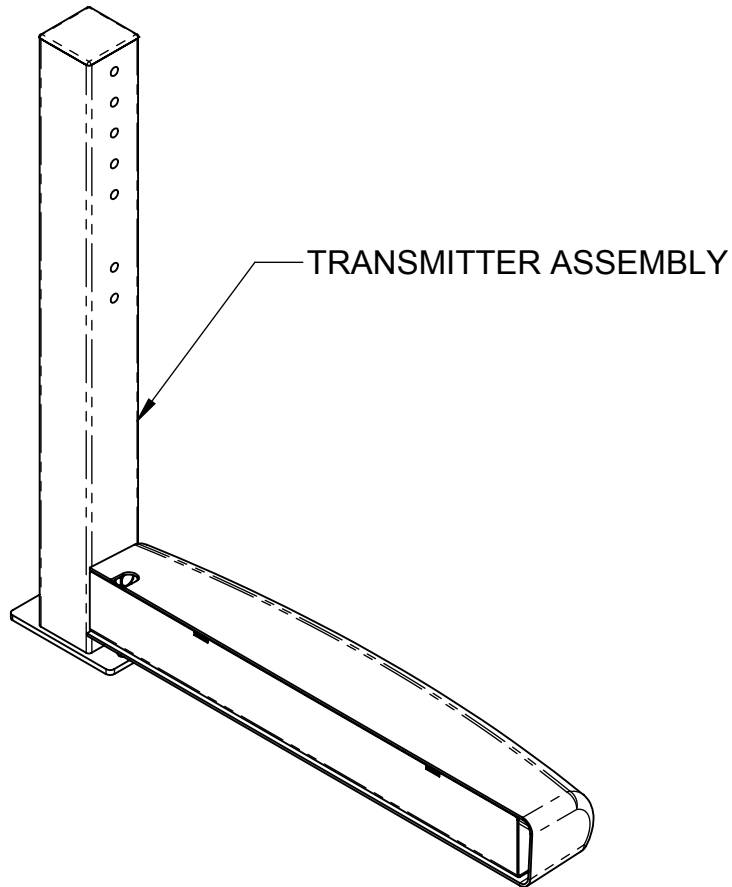
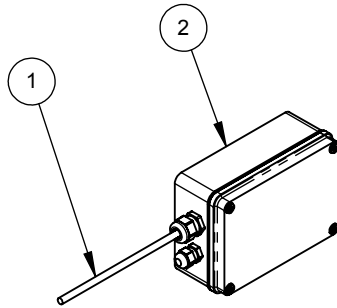
11410020
 ULTRASONIC,ASSY,STAND-MTD,W/HEAT,LW360P




308

PICTORIAL PARTS CATALOG		
DESCRIPTION: ULTRASONIC SENSOR FOR STAND MOUNTING, WITH HEAT		
DWG. NO. 11410020	REV 00	SHEET 1 OF 1

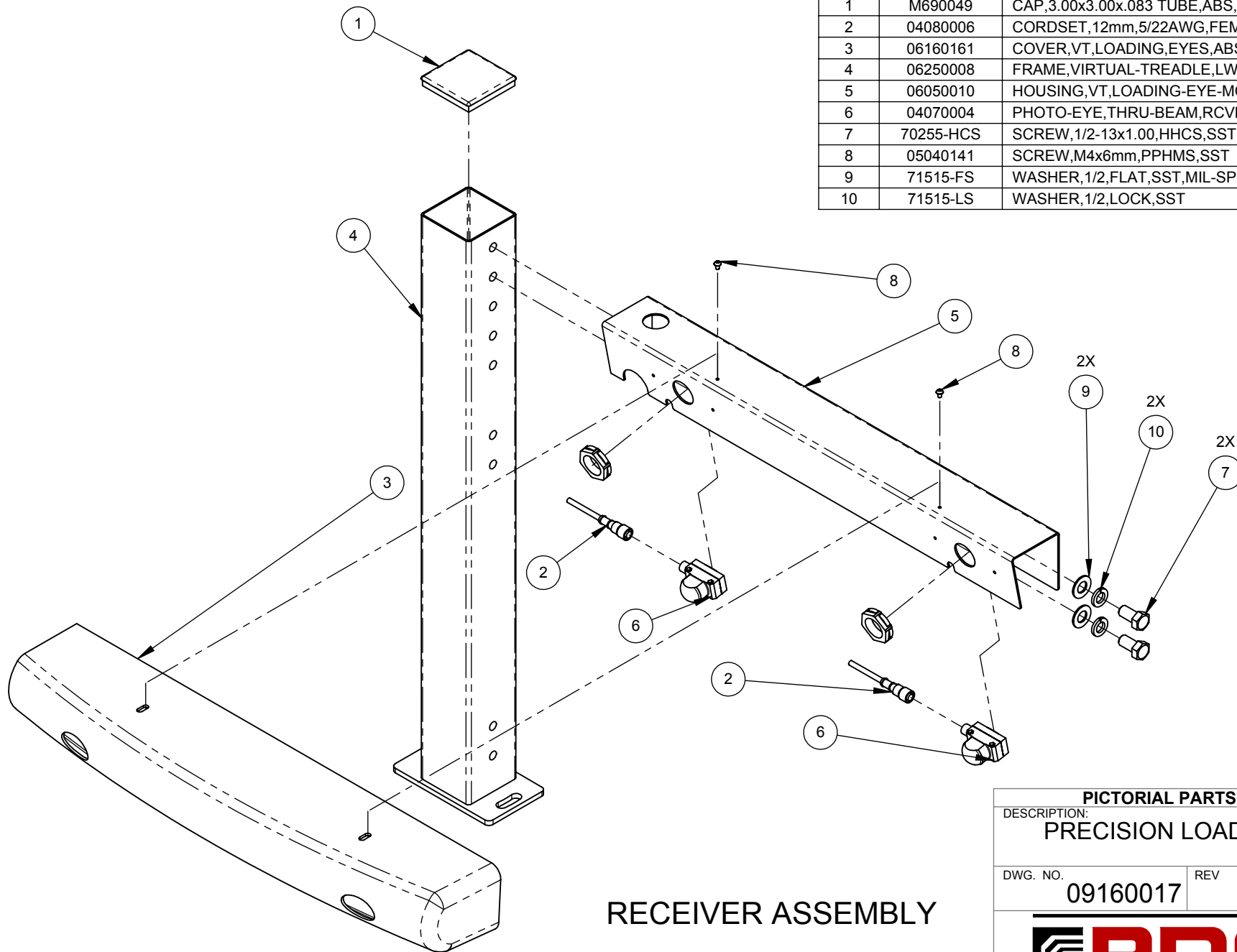


ITEM	PART #	DESCRIPTION
1	04080287	HARNES,LOADING-EYES-J-BOX-TO-BRIDGE,LW
2	11010136	JUNCTION-BOX,PARKING,EYES,LASERWASH






PICTORIAL PARTS CATALOG		
DESCRIPTION: PRECISION LOADING EYES		
DWG. NO. 09160017	REV 00	SHEET 1 OF 3
		
VEHICLE WASH SYSTEMS		<small>PART OF OPW</small>  COMPANY

ITEM	PART #	DESCRIPTION
1	M690049	CAP,3.00x3.00x.083 TUBE,ABS,BLK
2	04080006	CORDSET,12mm,5/22AWG,FEM,60',PVC
3	06160161	COVER,VT,LOADING,EYES,ABS
4	06250008	FRAME,VIRTUAL-TREADLE,LW4K,ULTRASONIC
5	06050010	HOUSING,VT,LOADING-EYE-MOUNT,SST
6	04070004	PHOTO-EYE,THRU-BEAM,RCVR,30mm,BANNER-QS
7	70255-HCS	SCREW,1/2-13x1.00,HHCS,SST
8	05040141	SCREW,M4x6mm,PPHMS,SST
9	71515-FS	WASHER,1/2,FLAT,SST,MIL-SPEC
10	71515-LS	WASHER,1/2,LOCK,SST

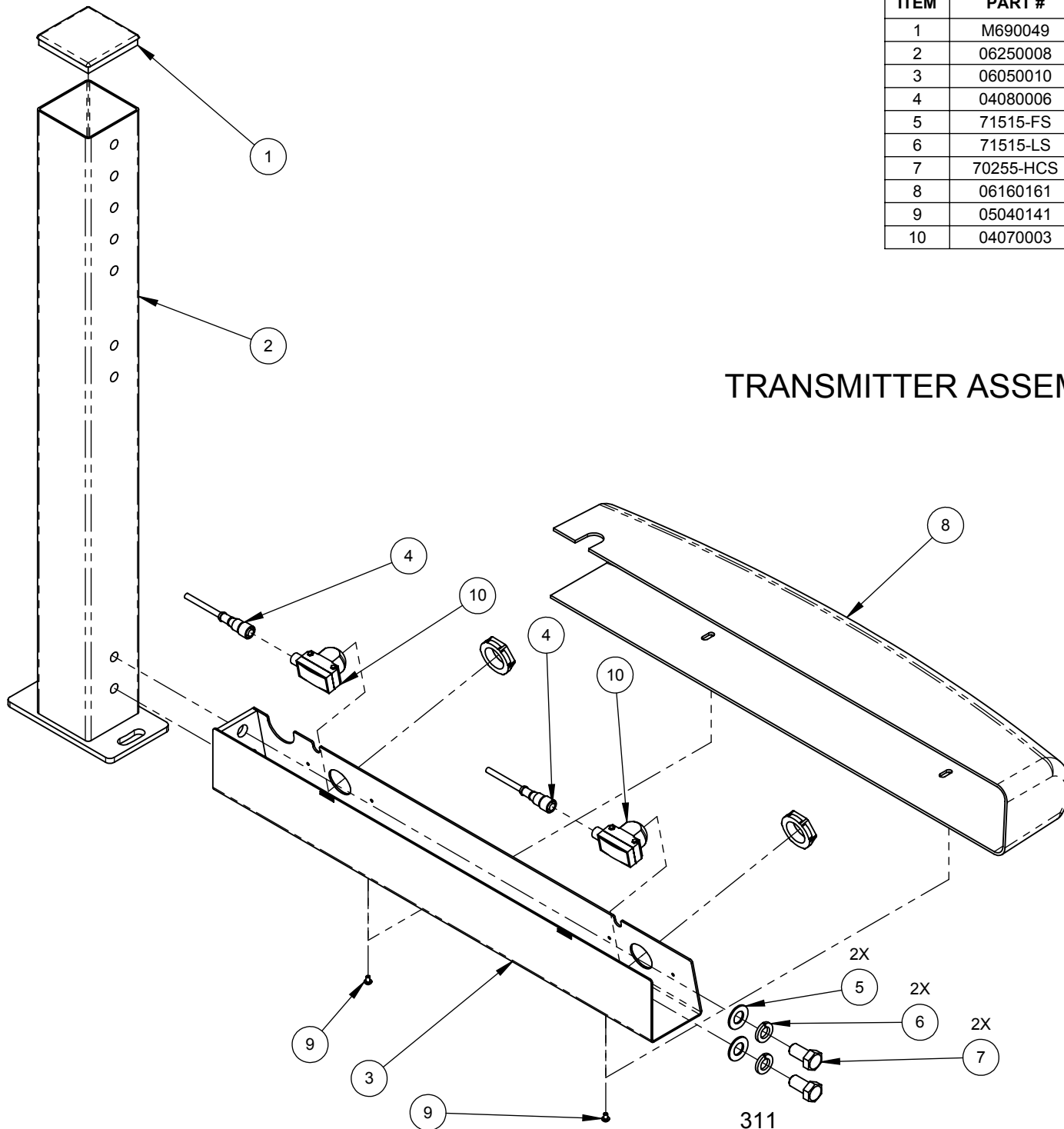


RECEIVER ASSEMBLY




PICTORIAL PARTS CATALOG		
DESCRIPTION: PRECISION LOADING EYES		
DWG. NO.	REV	SHEET
09160017	00	2 OF 3
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	M690049	CAP,3.00x3.00x.083 TUBE,ABS,BLK
2	06250008	FRAME,VIRTUAL-TREADLE,LW4K,ULTRASONIC
3	06050010	HOUSING,VT,LOADING-EYE-MOUNT,SST
4	04080006	CORDSET,12mm,5/22AWG,FEM,60',PVC
5	71515-FS	WASHER,1/2,FLAT,SST,MIL-SPEC
6	71515-LS	WASHER,1/2,LOCK,SST
7	70255-HCS	SCREW,1/2-13x1.00,HHCS,SST
8	06160161	COVER,VT,LOADING,EYES,ABS
9	05040141	SCREW,M4x6mm,PPHMS,SST
10	04070003	PHOTO-EYE,THRU-BEAM,XMTR,30mm,BANNER-QS

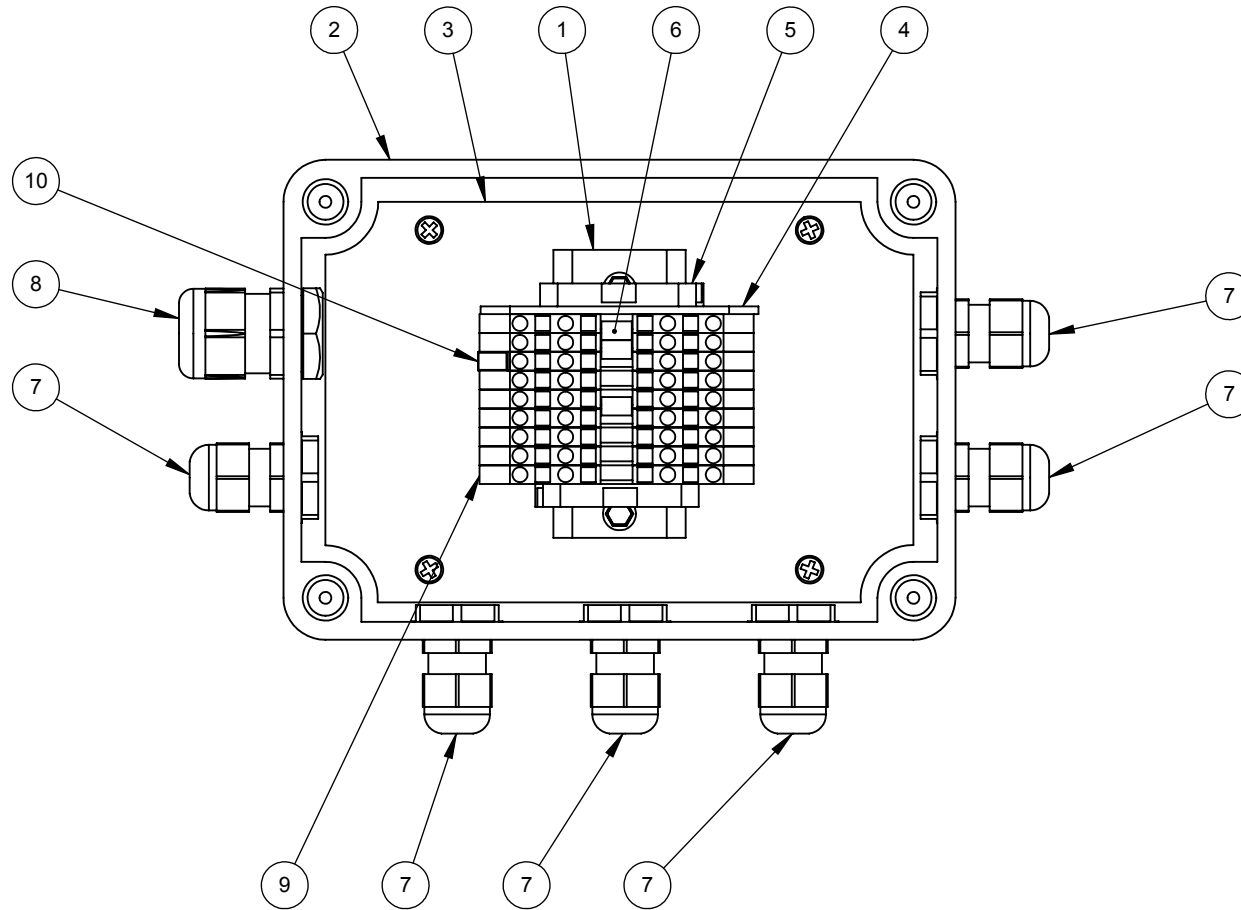
TRANSMITTER ASSEMBLY






311

PICTORIAL PARTS CATALOG		
DESCRIPTION: PRECISION LOADING EYES		
DWG. NO.	REV	SHEET
09160017	00	3 OF 3
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

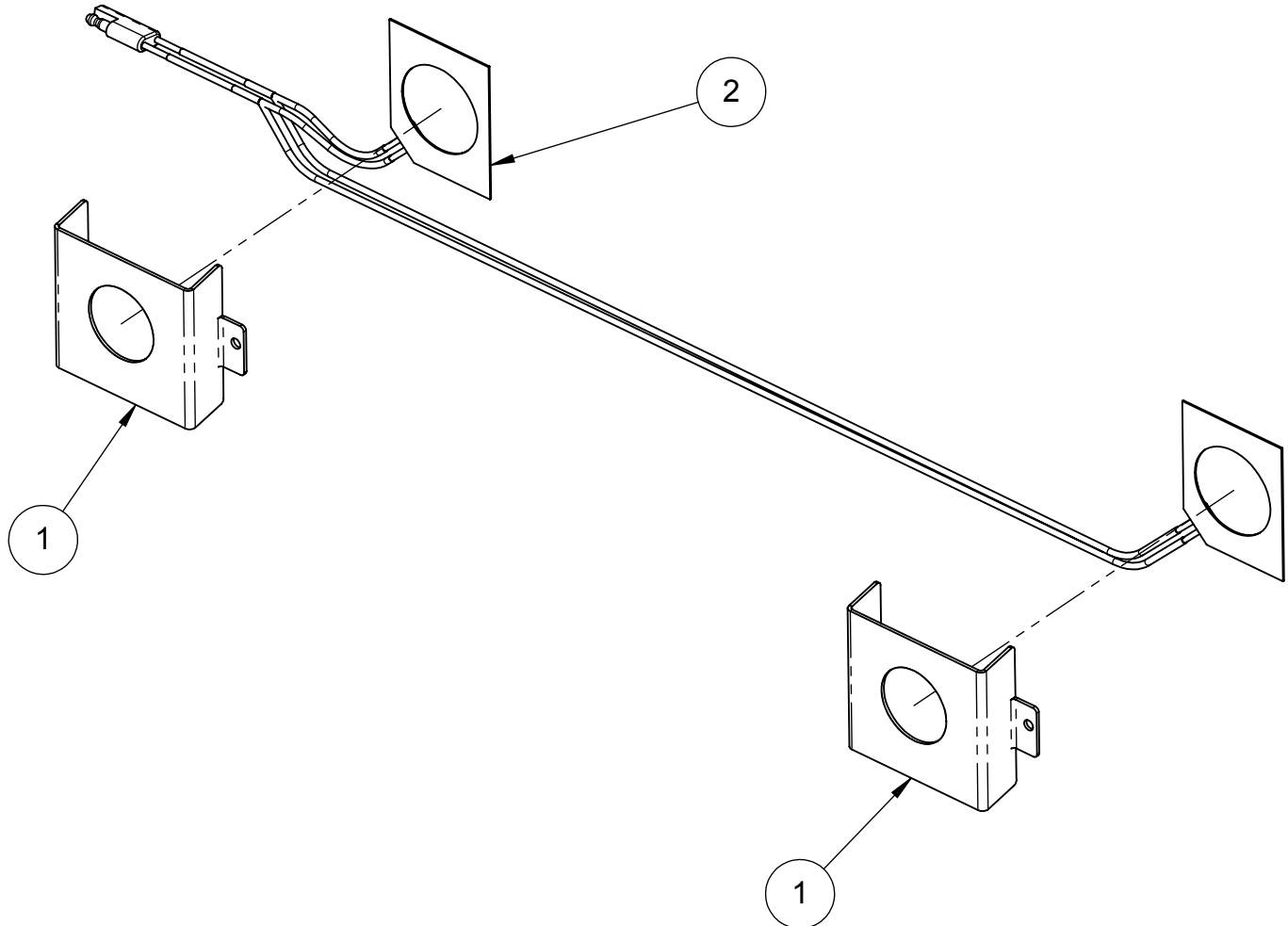
ITEM	PART #	DESCRIPTION
1	36950-3.00	DIN-RAIL,35mmx3.00",AL
2	04090088	ENCLOSURE,5X7X3,POLYCARB,TANDEM
3	04090089	ENCLOSURE-PANEL,5X7,ALUMINUM,TANDEM
4	36607	END PLATE,FRONT,4P,280-317,ORANGE
5	36650	END-STOP,6mm,PLST,GRAY,249-116
6	36800	JUMPER,INSULATED,GRAY
7	04450024	STRAIN-RELIEF,.138-.315",W/LOCKNUT,NYLON
8	04450016	STRAIN-RELIEF,M20,.276-.512",PLSTC
9	36507	TERMINAL-BLK,26-14GA,4P,GRAY
10	04100066	TERMINAL-MARKER,PARKING-EYES,LASERWASH



PICTORIAL PARTS CATALOG		
DESCRIPTION: PARKING EYES JUNCTION BOX		
DWG. NO.	REV	SHEET
11010136	02	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		

ITEM	PART #	DESCRIPTION
1	06050014	HOUSING,HEATER,VT-LOADING,LW4K
2	04080035	HARNESS,HEATER,VT,SENSOR,HEAT,30MM

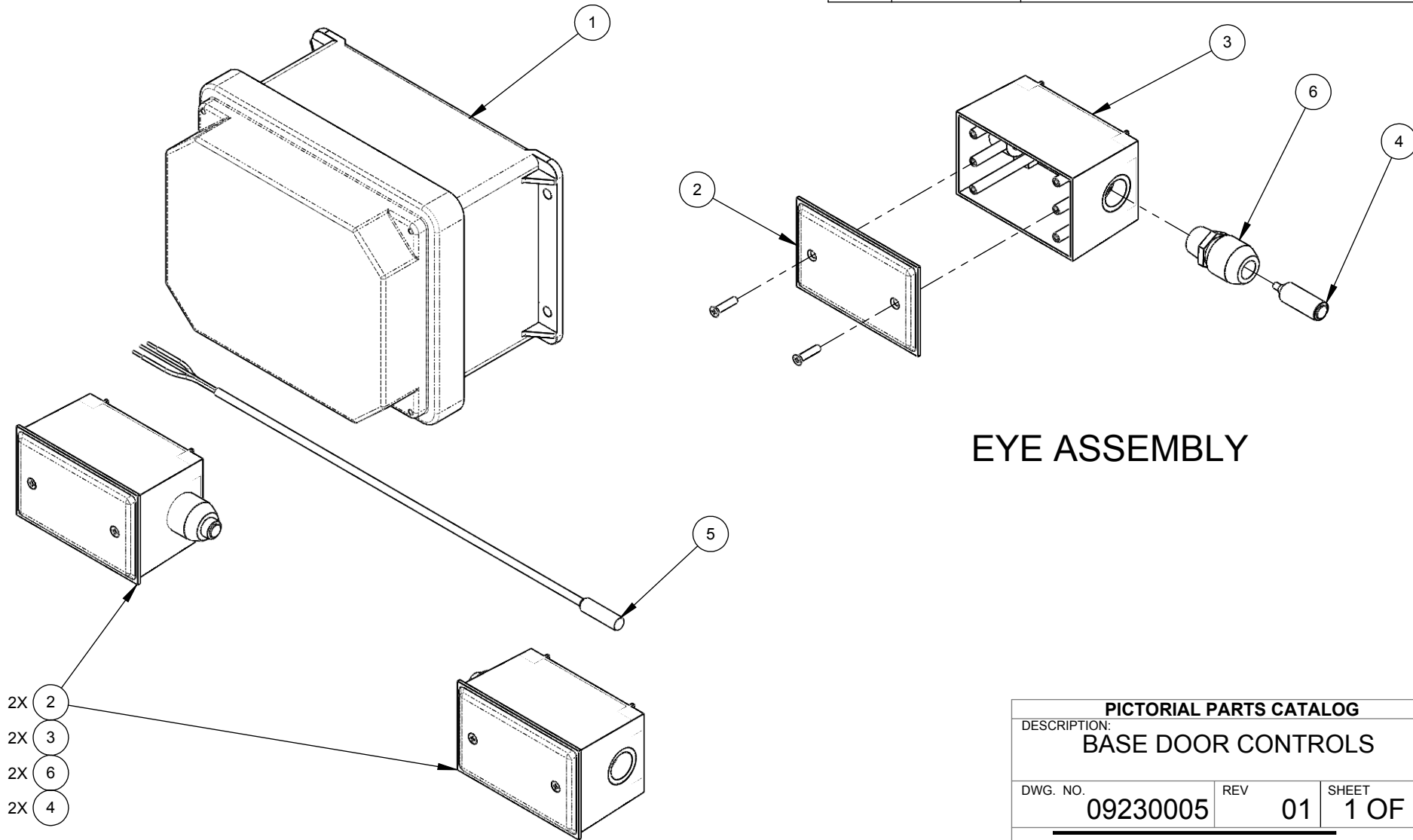
HEATER HARNESS: 07060133





PICTORIAL PARTS CATALOG		
DESCRIPTION: PRECISION PARKING EYE HEAT KIT		
DWG. NO. 09130021	REV 00	SHEET 1 OF 1



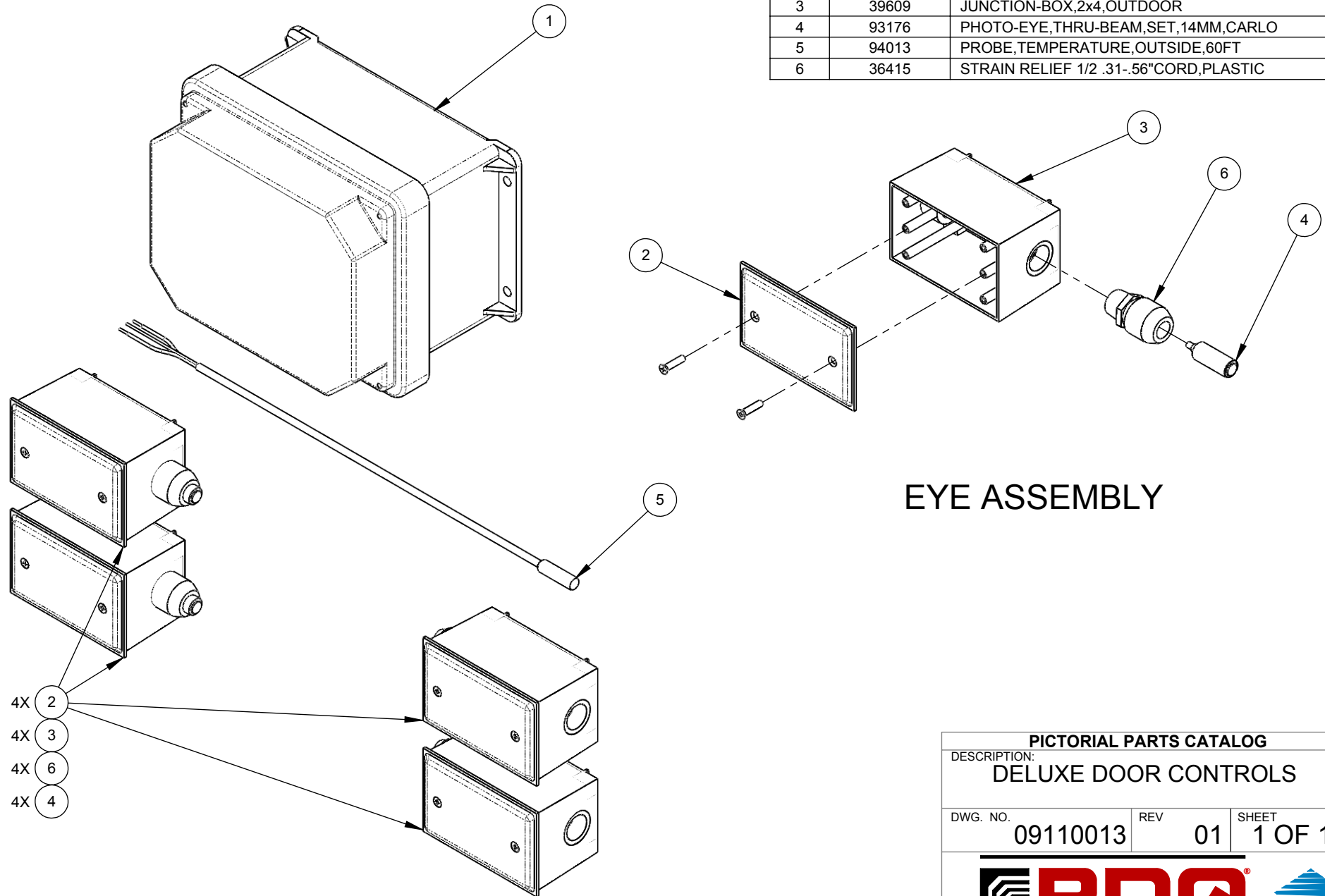
ITEM	PART #	DESCRIPTION
1	11010275	CONTROL-BOX,DOOR-PACKAGE,BASIC
2	39613	COVER PLATE WEATHERPROOF BLANK
3	39609	JUNCTION-BOX,2x4,OUTDOOR
4	93176	PHOTO-EYE,THRU-BEAM,SET,14MM,CARLO
5	94013	PROBE,TEMPERATURE,OUTSIDE,60FT
6	36415	STRAIN RELIEF 1/2 .31-.56"CORD,PLASTIC




EYE ASSEMBLY

PICTORIAL PARTS CATALOG		
DESCRIPTION: BASE DOOR CONTROLS		
DWG. NO. 09230005	REV 01	SHEET 1 OF 1
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small> 		

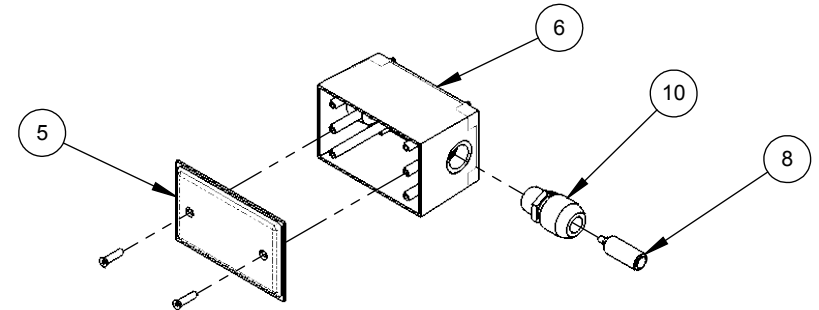
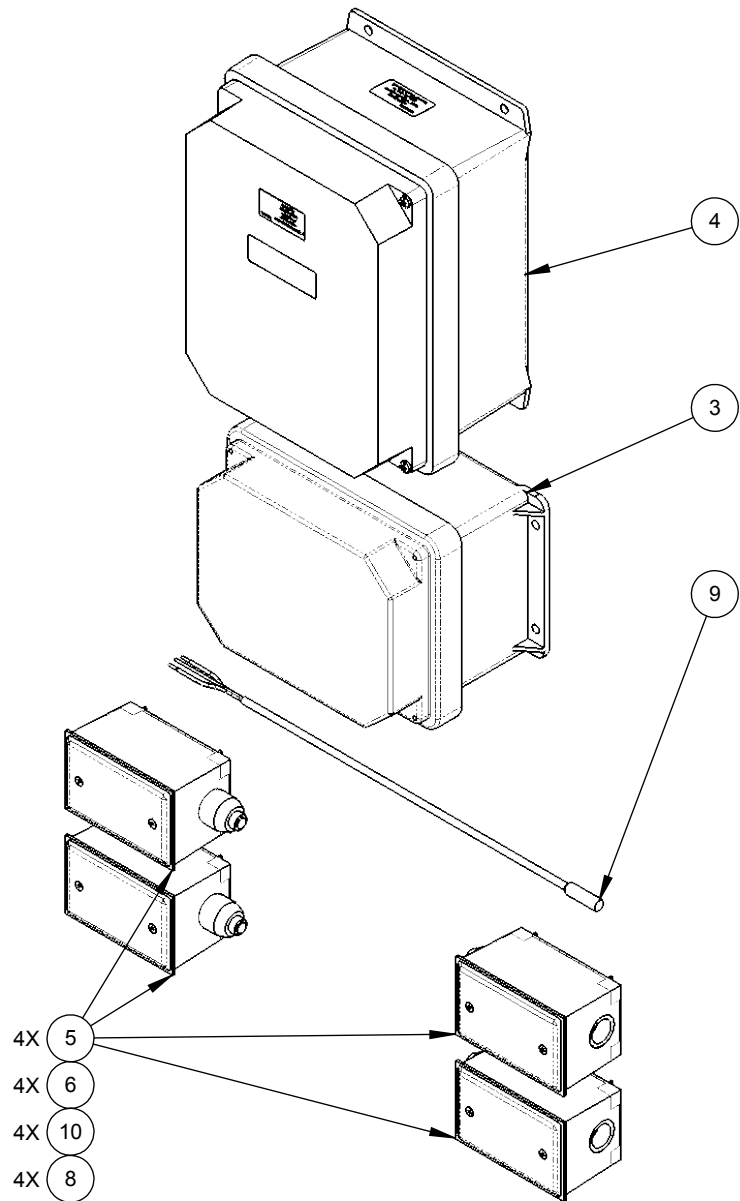
ITEM	PART #	DESCRIPTION
1	11010275	CONTROL-BOX,DOOR-PACKAGE,BASIC
2	39613	COVER PLATE WEATHERPROOF BLANK
3	39609	JUNCTION-BOX,2x4,OUTDOOR
4	93176	PHOTO-EYE,THRU-BEAM,SET,14MM,CARLO
5	94013	PROBE,TEMPERATURE,OUTSIDE,60FT
6	36415	STRAIN RELIEF 1/2 .31-.56"CORD,PLASTIC



EYE ASSEMBLY

PICTORIAL PARTS CATALOG		
DESCRIPTION: DELUXE DOOR CONTROLS		
DWG. NO. 09110013	REV 01	SHEET 1 OF 1
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small> 		

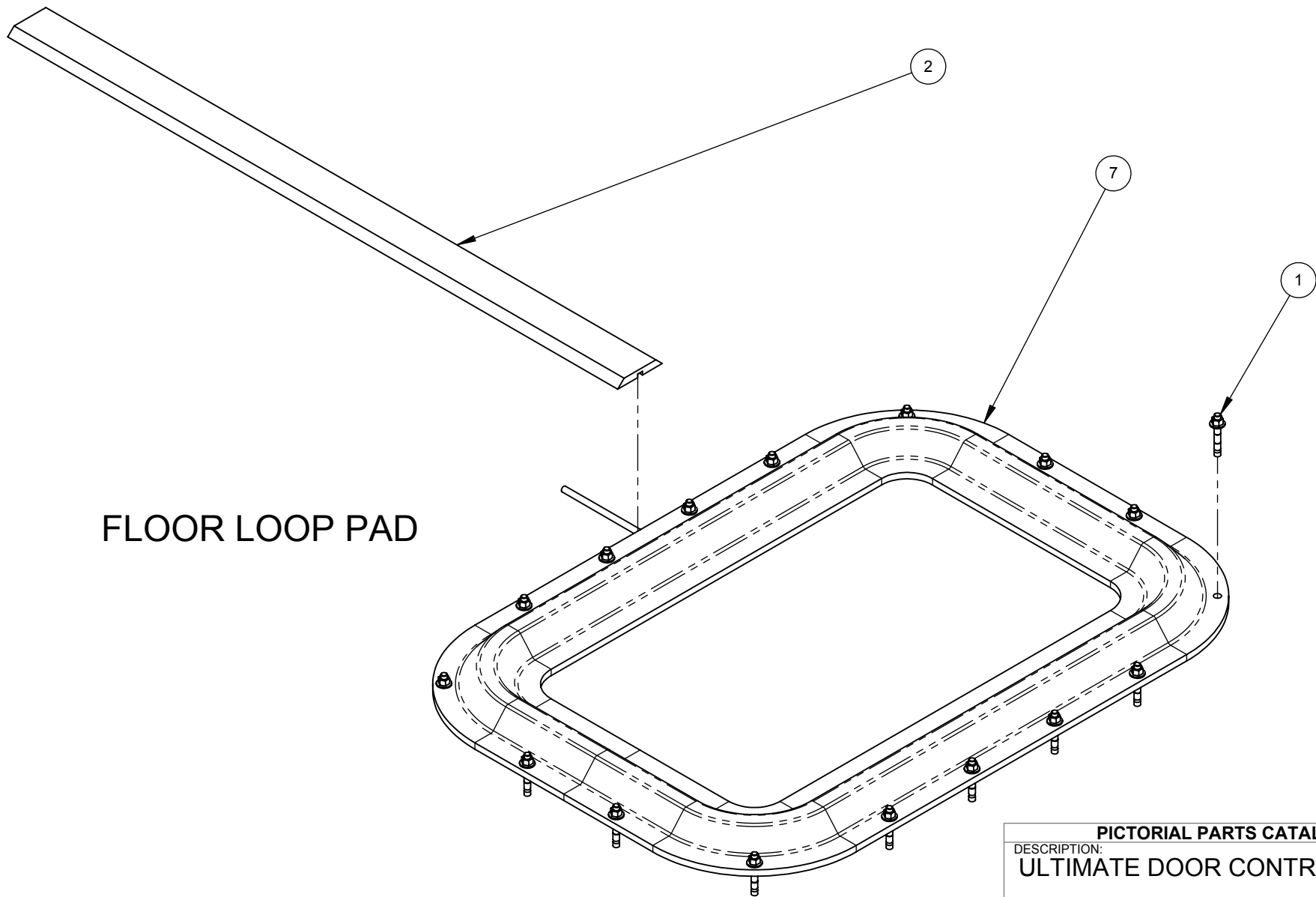
ITEM	PART #	DESCRIPTION
1	05090004	ANCHOR,STUD,3/8-16x2-3/4",SST
2	81157	CABLE COVER 4' DOOR PAC LOOP DETECTOR
3	11010275	CONTROL-BOX,DOOR-PACKAGE,BASIC
4	11010276	CONTROL-BOX,DOOR-PACKAGE,DELUXE
5	39613	COVER PLATE WEATHERPROOF BLANK
6	39609	JUNCTION-BOX,2x4,OUTDOOR
7	M540056	LOOP PAD FIBERGLASS
8	93176	PHOTO-EYE,THRU-BEAM,SET,14MM,CARLO
9	94013	PROBE,TEMPERATURE,OUTSIDE,60FT
10	36415	STRAIN RELIEF 1/2 .31-.56"CORD,PLASTIC






EYE ASSEMBLY

- 4X 5
- 4X 6
- 4X 10
- 4X 8

PICTORIAL PARTS CATALOG		
DESCRIPTION: ULTIMATE DOOR CONTROLS		
DWG. NO. 09230004	REV 01	SHEET 1 OF 2
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small> 		

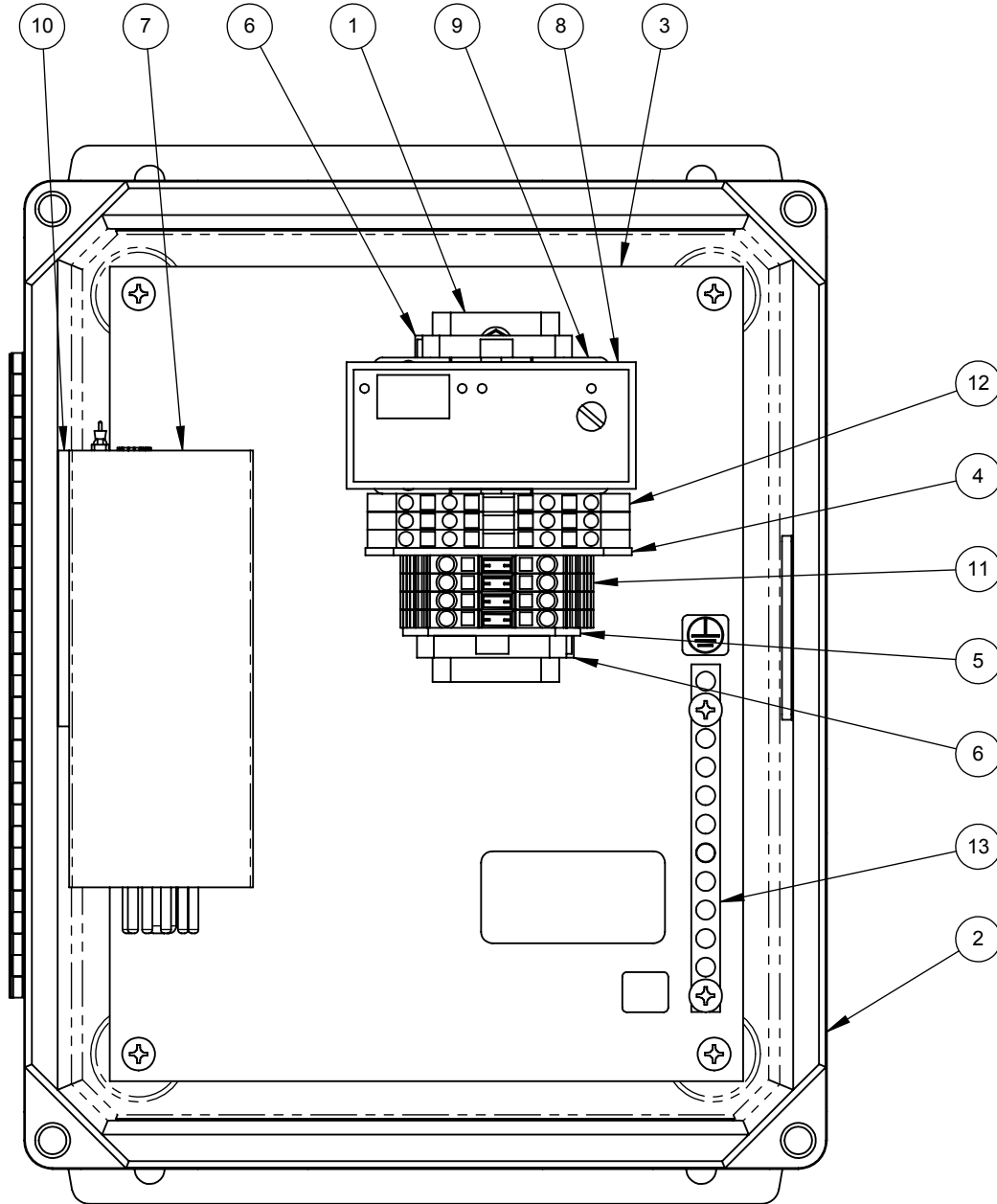


FLOOR LOOP PAD

PICTORIAL PARTS CATALOG		
DESCRIPTION: ULTIMATE DOOR CONTROLS		
DWG. NO.	REV	SHEET
09230004	01	2 OF 2
 VEHICLE WASH SYSTEMS		
PART OF OPW		

ITEM	PART #	DESCRIPTION
1	36950-4.00	DIN-RAIL, 35mmx4.00", AL
2	04090135	ENCLOSURE, 10x8x6, FIBERGLASS, HINGED
3	04090028	ENCLOSURE, PANEL, 8.88x6.88x.08", AL
4	36607	END PLATE, FRONT, 4P, 280-317, ORANGE
5	36606	END-PLATE, FRONT, 2P, PLST, 280-331
6	36650	END-STOP, 6mm, PLST, GRAY, 249-116
7	93040	LOOP DETECTOR DELTA 24VAC W FREQSWITCH

ITEM	PART #	DESCRIPTION
8	93194	PHOTO-EYE, AMP, 24VAC, 10A, SPDT, 11PIN
9	04060003	RELAY-SOCKET, 11-PIN CIRC, 300VAC, 10A
10	08020010	TAPE, ADHESIVE, 0.75", VELCRO, ROLL, BLK
11	36506	TERMINAL-BLK, 26-12GA, 2P, PLST, 280-601
12	36507	TERMINAL-BLK, 26-14GA, 4P, GRAY
13	04100046	TERMINAL-BLOCK, GND-BAR, 9P, 8-14AWG, 225A

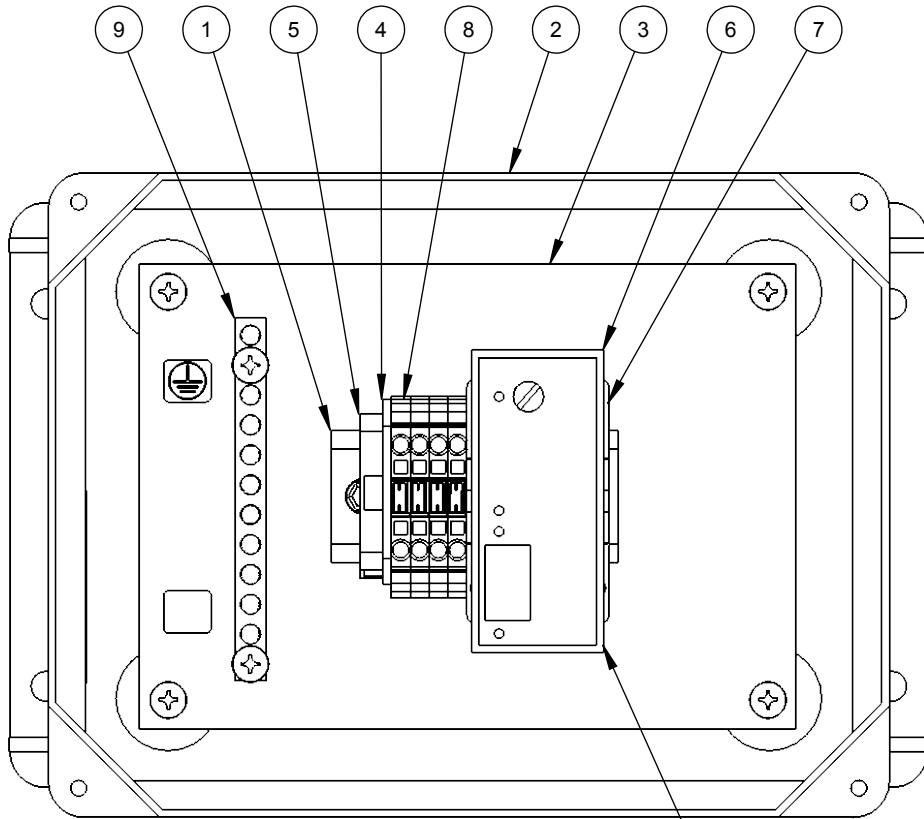


COVER NOT SHOWN

PICTORIAL PARTS CATALOG		
DESCRIPTION: ULTIMATE DOOR CONTROL BOX		
DWG. NO. 11010276	REV 00	SHEET 1 OF 1






ITEM	PART #	DESCRIPTION
1	36950-3.00	DIN-RAIL, 35mmx3.00", AL
2	04090029	ENCLOSURE, 8x6x6, FBRGL, NEMA4X
3	04090019	ENCLOSURE, PANEL, 152X124X2mm, ALUMINUM
4	36606	END-PLATE, FRONT, 2P, PLST, 280-331
5	36650	END-STOP, 6mm, PLST, GRAY, 249-116
6	93194	PHOTO-EYE, AMP, 24VAC, 10A, SPDT, 11PIN
7	04060003	RELAY-SOCKET, 11-PIN CIRC, 300VAC, 10A
8	36506	TERMINAL-BLK, 26-12GA, 2P, PLST, 280-601
9	04100046	TERMINAL-BLOCK, GND-BAR, 9P, 8-14AWG, 225A



COVER REMOVED

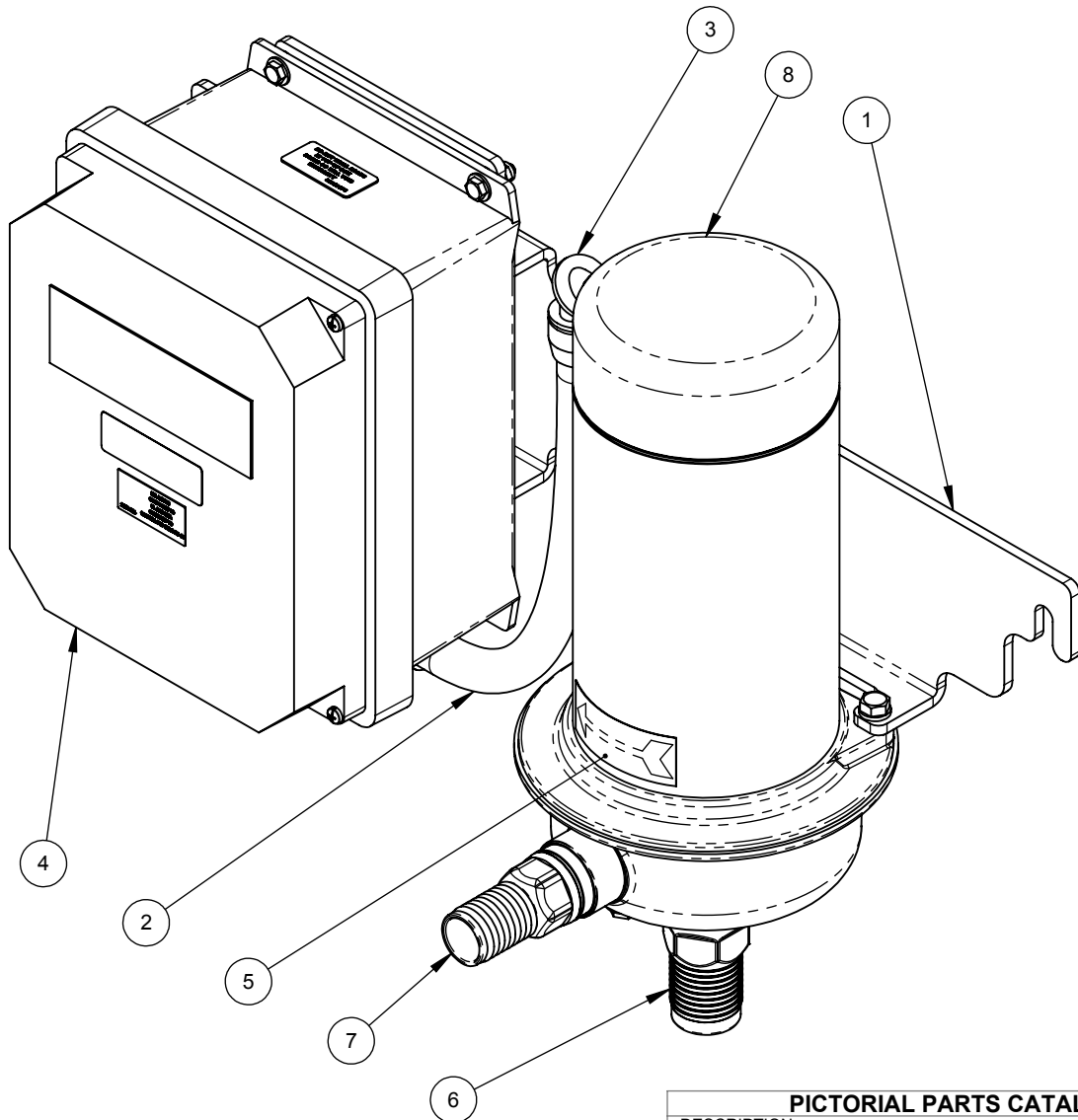
SET PHOTO AMP DIAL TO AUTO. SET DIP SWITCHES TO OFF.

PICTORIAL PARTS CATALOG		
DESCRIPTION: DOOR CONTROL BOX		
DWG. NO.	REV	SHEET
11010275	02	1 OF 1
 		
VEHICLE WASH SYSTEMS <small>PART OF OPW  COMPANY</small>		



Miscellaneous

ITEM	PART #	REV	DESCRIPTION
1	06140936	01	BRACKET,BOOSTER-PUMP-ASSY,SST
2	36005	00	CONDUIT,FLEXIBLE,1/2,300V,NON-METALLIC
3	36084	00	CONNECTOR,CONDUIT,1/2,ADJUSTABLE,PVC
4	11010184	05	CONTROL-BOX,PUMP,BOOSTER,208-230V,60HZ
5	84070	00	DECAL,DIRECTION-ARROW,"ROTATION"
6	03310040	00	HOSE-BARB,1-1/2Hx1-1/2MNPT,316SST
7	03310041	00	HOSE-BARB,1-1/4Hx1-1/4MNPT,316SST
8	03180046	00	PUMP,BERKELEY,CENTRIFUGAL,2HP,3PH,60HZ



ASSEMBLY	VOLTAGE	CONTROL BOX	MOTOR WIRED
09070145	208-230	11010184	LOW VOLTAGE
09070157	460	11010200	HIGH VOLTAGE

PICTORIAL PARTS CATALOG

DESCRIPTION:
BOOSTER PUMP ASSEMBLY

DWG. NO.	REV	SHEET
09070145	04	1 OF 1

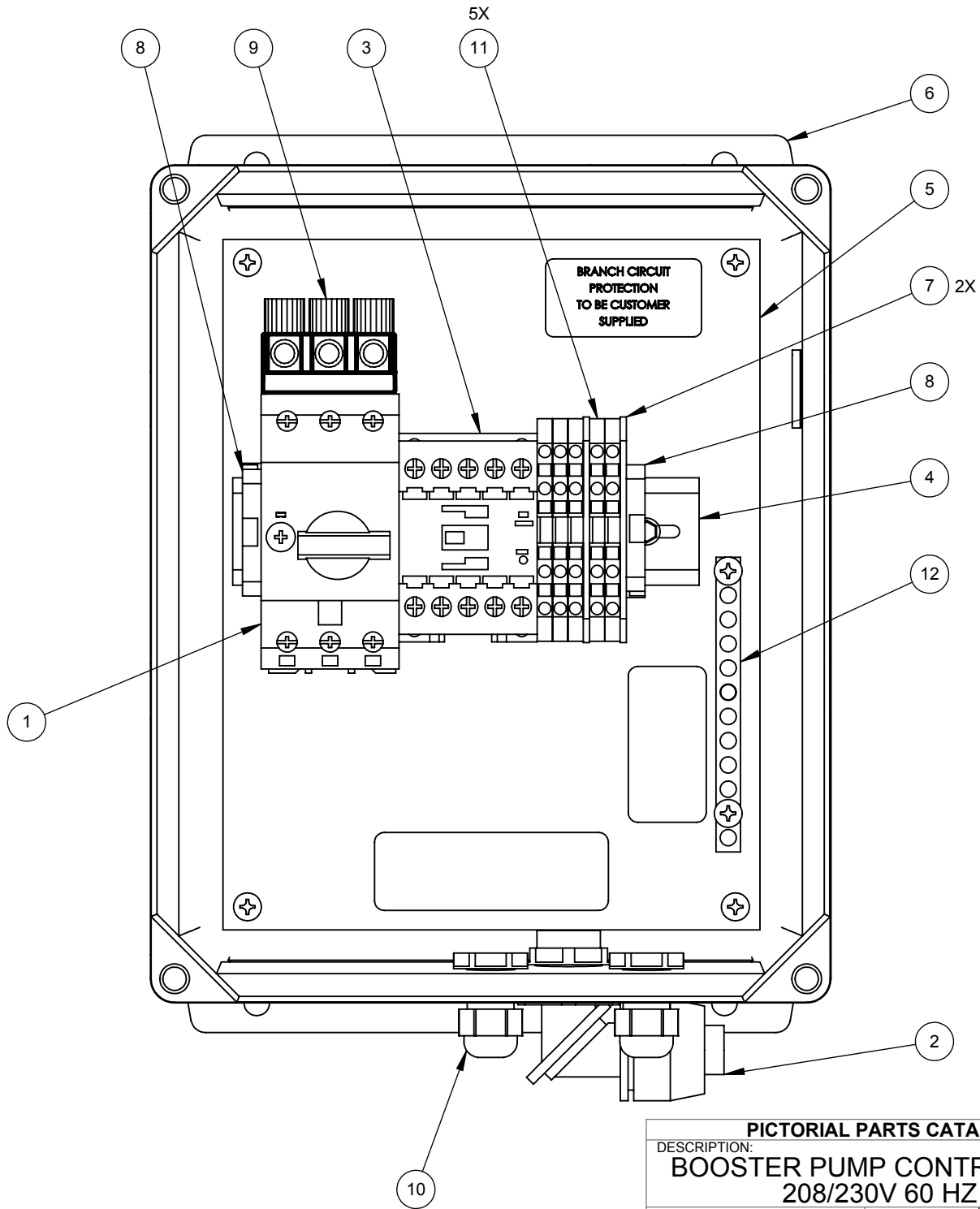
PDQ
VEHICLE WASH SYSTEMS

PART OF OPW **DOVER** COMPANY

CONFIDENTIAL

ITEM	PART #	DESCRIPTION
1	04110108	CIRCUIT-BREAKER,MSP,6.3-11A,65KA,480V
2	36084	CONNECTOR,CONDUIT,1/2,ADJUSTABLE,PVC
3	04020034	CONTACTOR,12A,24V-50/60HZ,AUX-NO,600V
4	36950-6.00	DIN-RAIL,.35mmx6.00",AL
5	04090028	ENCLOSURE,PANEL,8.88x6.88x.08",AL
6	04090153	ENCLOSURE-W/HOLES,CNTL-BOX,11010184

ITEM	PART #	DESCRIPTION
7	36607	END PLATE,FRONT,4P,280-317,ORANGE
8	36650	END-STOP,6mm,PLST,GRAY,249-116
9	04110103	MSP,PHASE,SEPARATOR,FRAME-SIZE,B
10	04450024	STRAIN-RELIEF,.138-.315",W/LOCKNUT,NYLON
11	36507	TERMINAL-BLK,26-14GA,4P,GRAY
12	04100046	TERMINAL-BLOCK,GND-BAR,9P,8-14AWG,225A



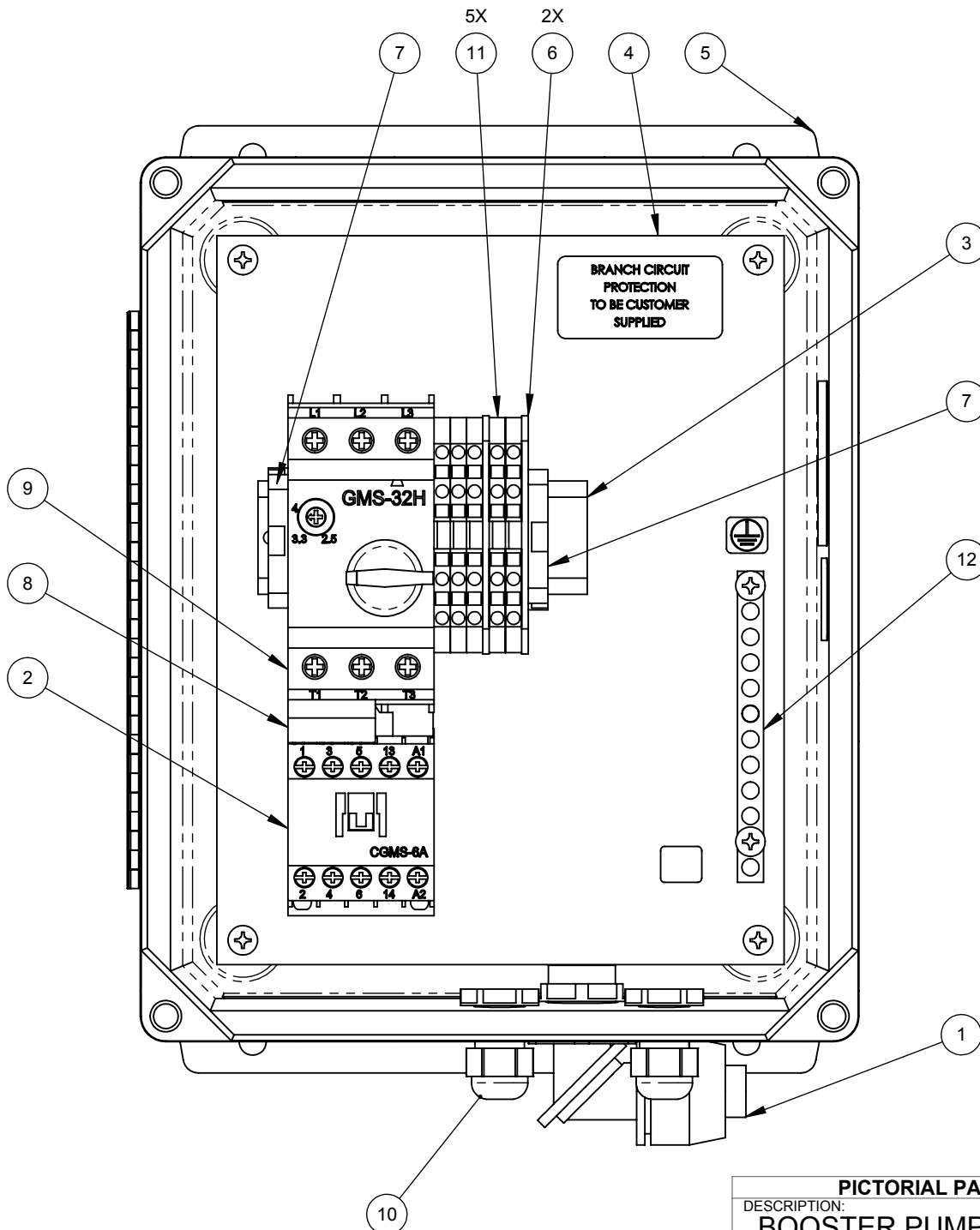
PICTORIAL PARTS CATALOG		
DESCRIPTION: BOOSTER PUMP CONTROL BOX 208/230V 60 HZ		
DWG. NO. 11010184	REV 03	SHEET 1 OF 1




VEHICLE WASH SYSTEMS
PART OF OPW A DOVER COMPANY

ITEM	PART #	DESCRIPTION
1	36084	CONNECTOR,CONDUIT,1/2,ADJUSTABLE,PVC
2	04020026	CONTACTOR,6A,24VAC,200-575VAC,50-60HZ
3	36950-4.00	DIN-RAIL,35mmx4.00",AL
4	04090028	ENCLOSURE,PANEL,8.88x6.88x.08",AL
5	04090153	ENCLOSURE-W/HOLES,CNTL-BOX,11010184
6	36607	END PLATE,FRONT,4P,280-317,ORANGE

ITEM	PART #	DESCRIPTION
7	36650	END-STOP,6mm,PLST,GRAY,249-116
8	04110064	LINK-MODULE,MSP-TO-CONTACTOR
9	04110067	MSP,COMBINATION,MODULE,2.5-4.0A,24VAC
10	04450024	STRAIN-RELIEF,.138-.315",W/LOCKNUT,NYLON
11	36507	TERMINAL-BLK,26-14GA,4P,GRAY
12	04100046	TERMINAL-BLOCK,GND-BAR,9P,8-14AWG,225A

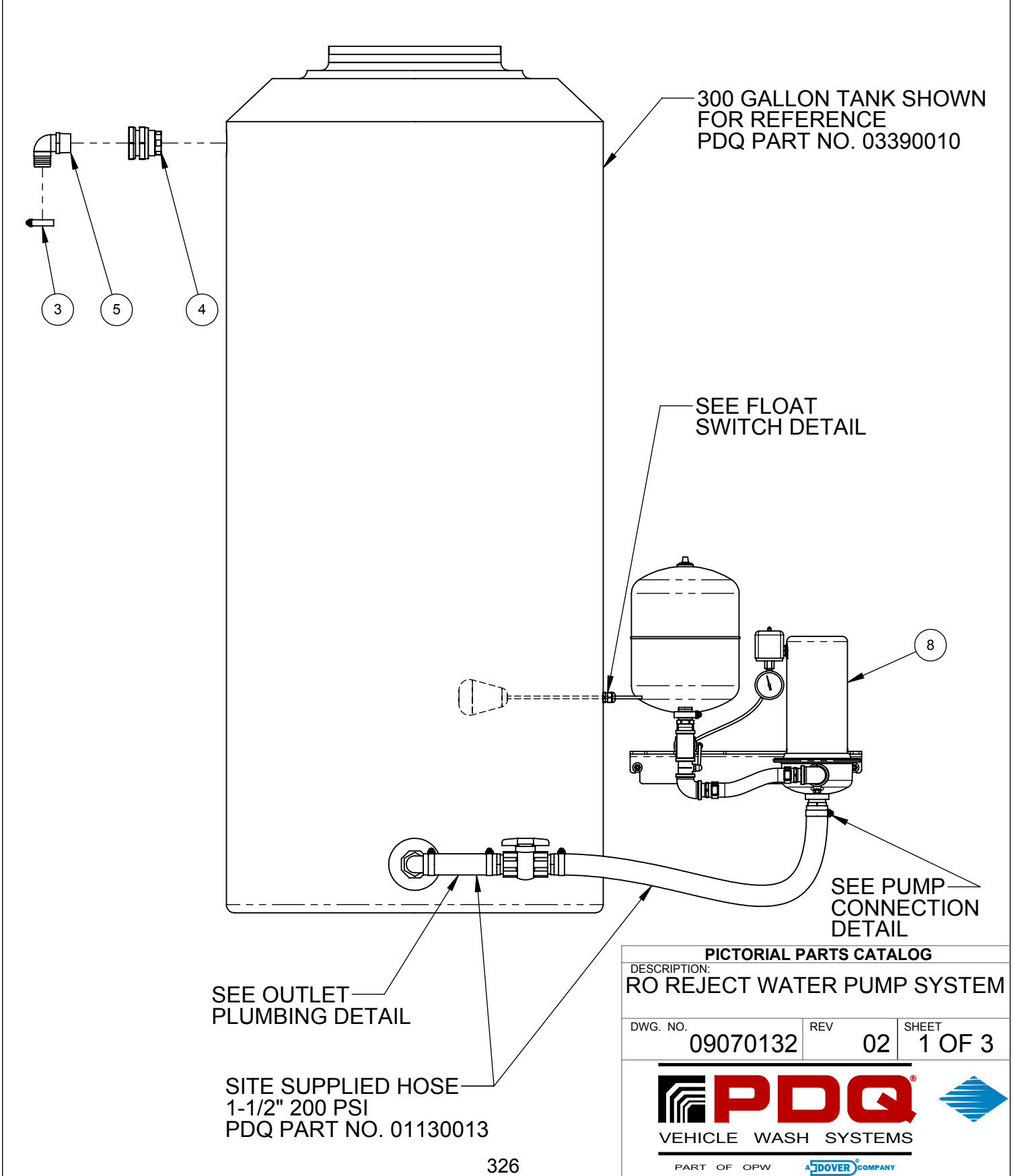


PICTORIAL PARTS CATALOG		
DESCRIPTION: BOOSTER PUMP CONTROL BOX 460V 60 HX		
DWG. NO. 11010200	REV 01	SHEET 1 OF 1



ITEM	PART #	DESCRIPTION
1	78015	ANCHOR,SLEEVE,3/8x1-7/8",ZNC-PLD
2	67736-4P	BUSHING,2NPTx1-1/2NPT,SC40,PVC
3	03330003	CLAMP,HOSE,#28,1.50H,SST
4	67690-TT	FITTING,BULKHEAD,1-1/2"NPT,PVC
5	68341-MHN	HOSE-BARB,1-1/2Hx1-1/2MNPT,90°,NYL
6	68141-MHN	HOSE-BARB,1-1/2Hx1-1/2MPT,NYL

ITEM	PART #	DESCRIPTION
7	68140-MHN	HOSE-BARB,1-1/2Hx1-1/4MPT,NYL
8	M920080	PUMP,BOOSTER-ASSEMBLY
9	34427	STRAIN-RELIEF,,17-.47,1/2NPT,NYLON,BLK
10	04040034	SWITCH,FLOAT,TANK,LOW,LEVEL,NO,10A
11	03010007	VALVE,BALL,1-1/2FNPTx1-1/2FNPT,SCH40,PVC

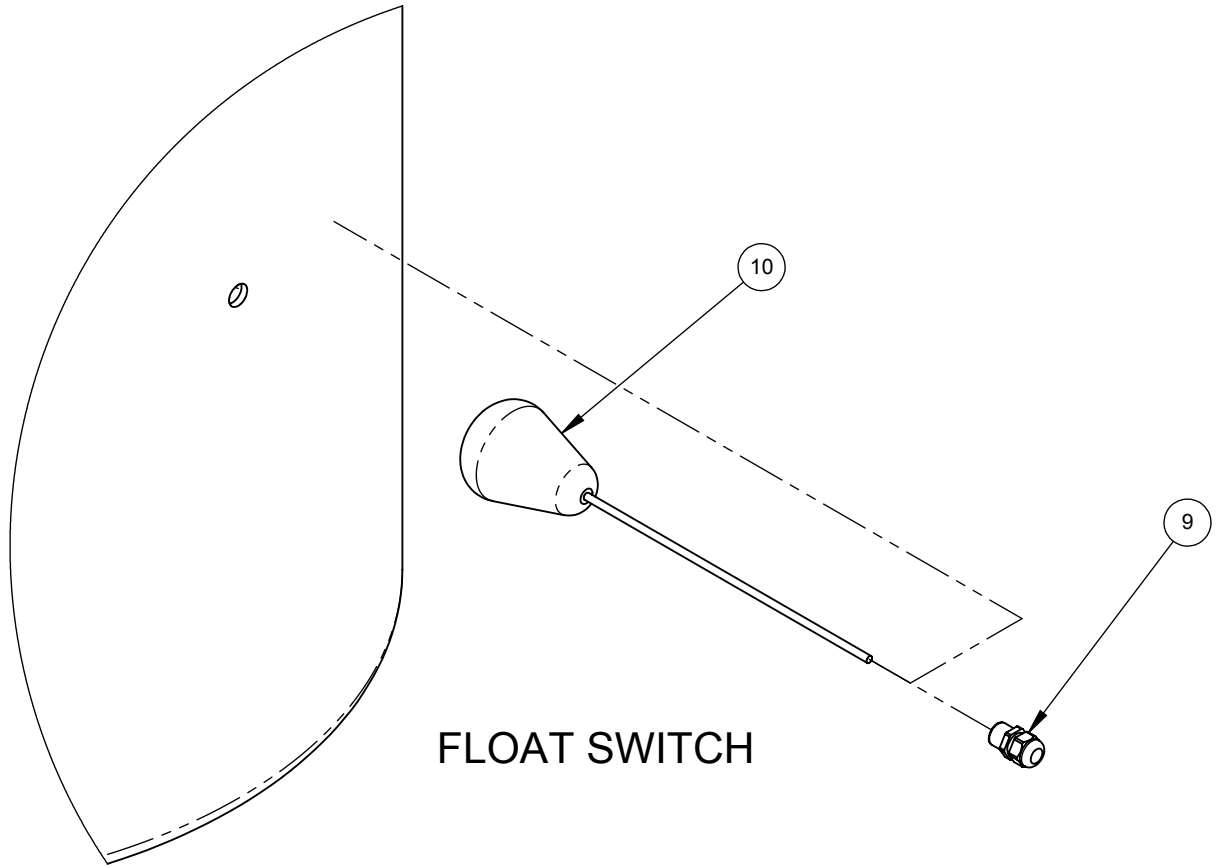


PICTORIAL PARTS CATALOG
 DESCRIPTION:
RO REJECT WATER PUMP SYSTEM

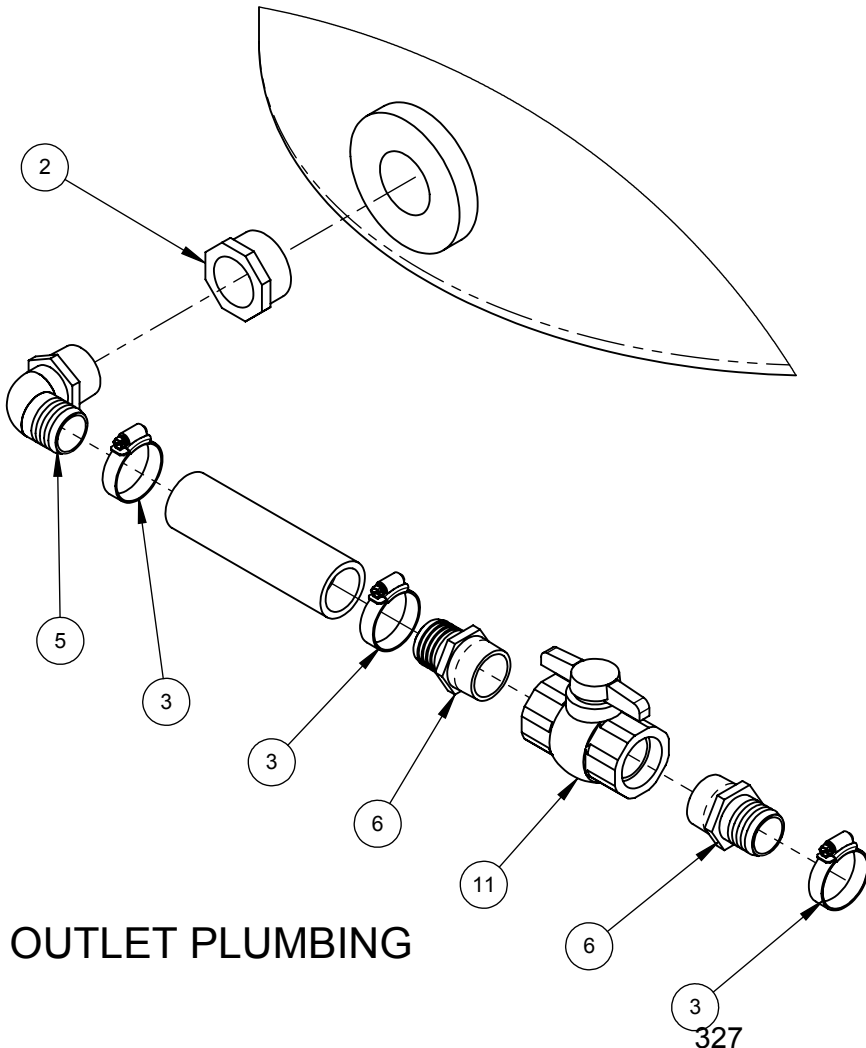
DWG. NO.	REV	SHEET
09070132	02	1 OF 3

PDQ
 VEHICLE WASH SYSTEMS




PART OF OPW **DOVER** COMPANY



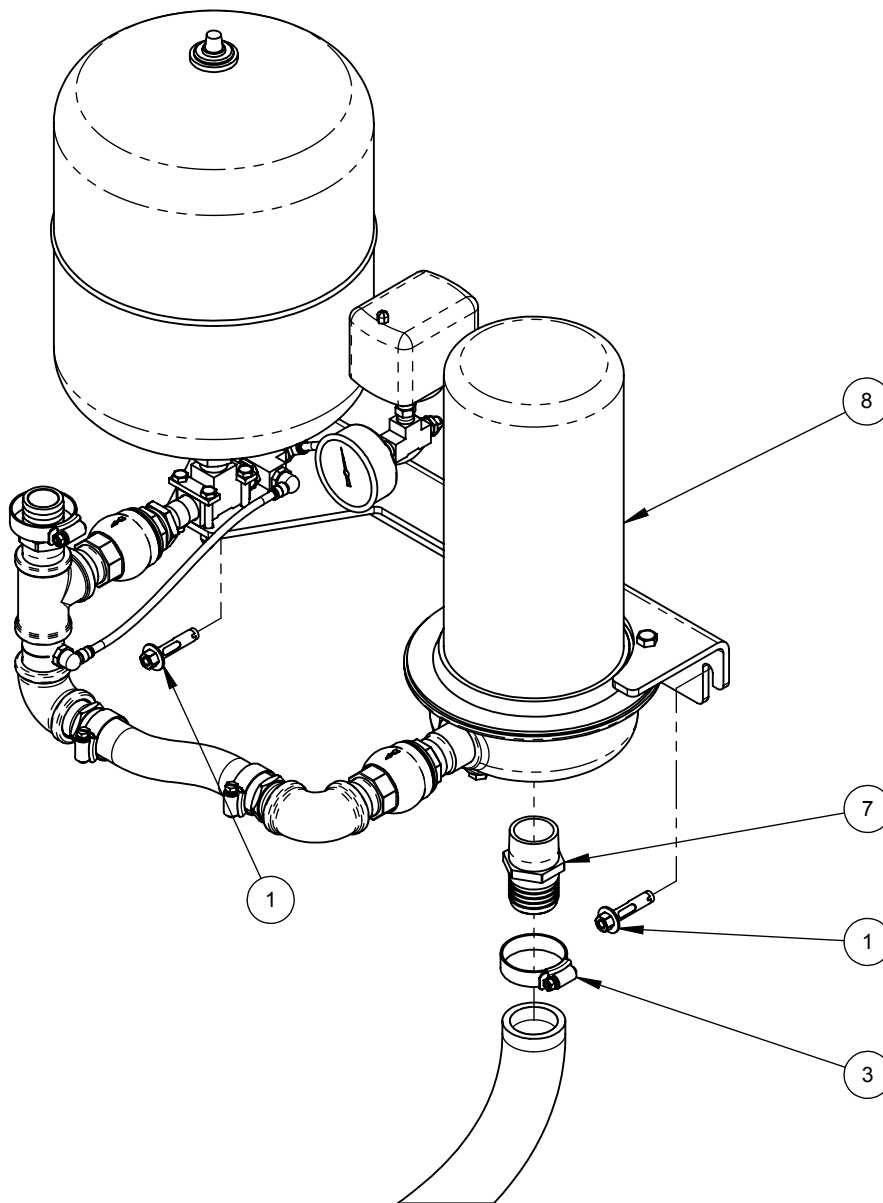
FLOAT SWITCH



OUTLET PLUMBING

PICTORIAL PARTS CATALOG		
DESCRIPTION: RO REJECT WATER PUMP SYSTEM		
DWG. NO.	REV	SHEET
09070132	02	2 OF 3
 PDQ VEHICLE WASH SYSTEMS		
PART OF OPW		

327



PUMP CONNECTION

PICTORIAL PARTS CATALOG

DESCRIPTION:
RO REJECT WATER PUMP SYSTEM

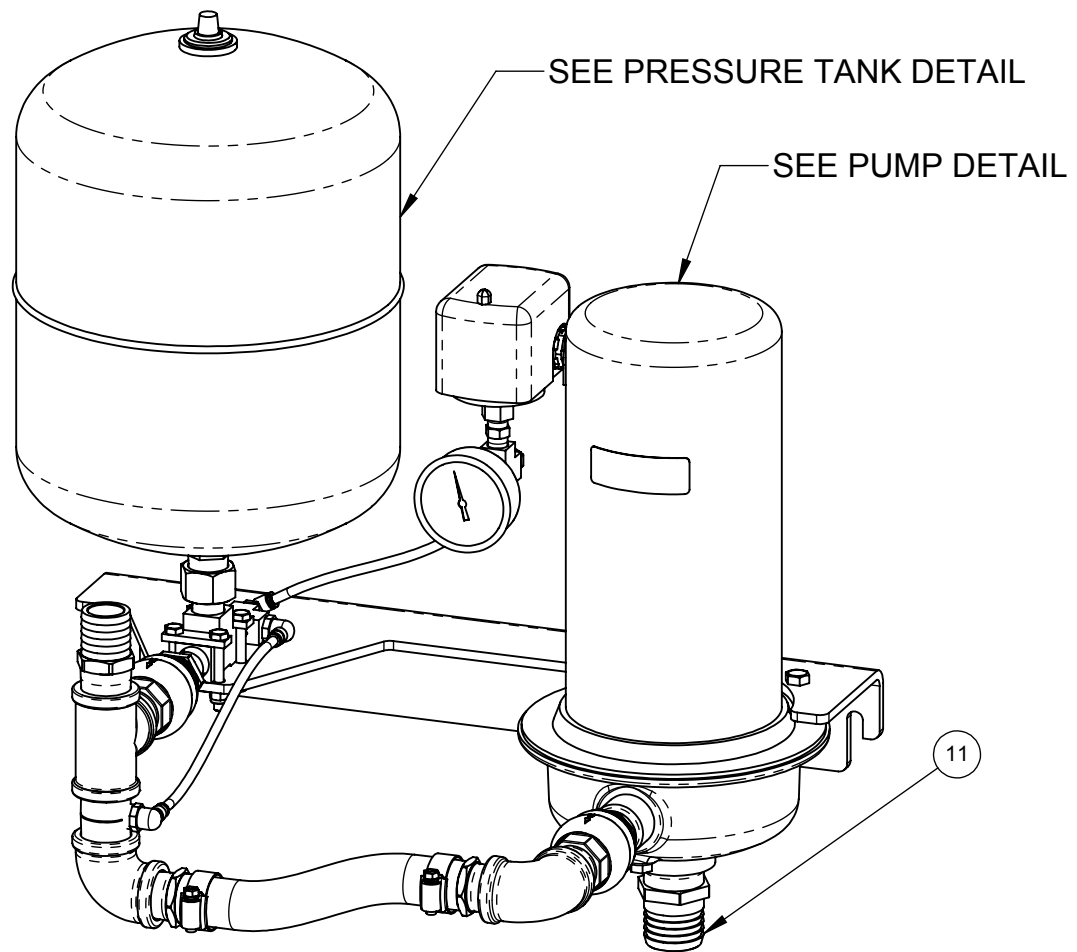
DWG. NO.	REV	SHEET
09070132	02	3 OF 3






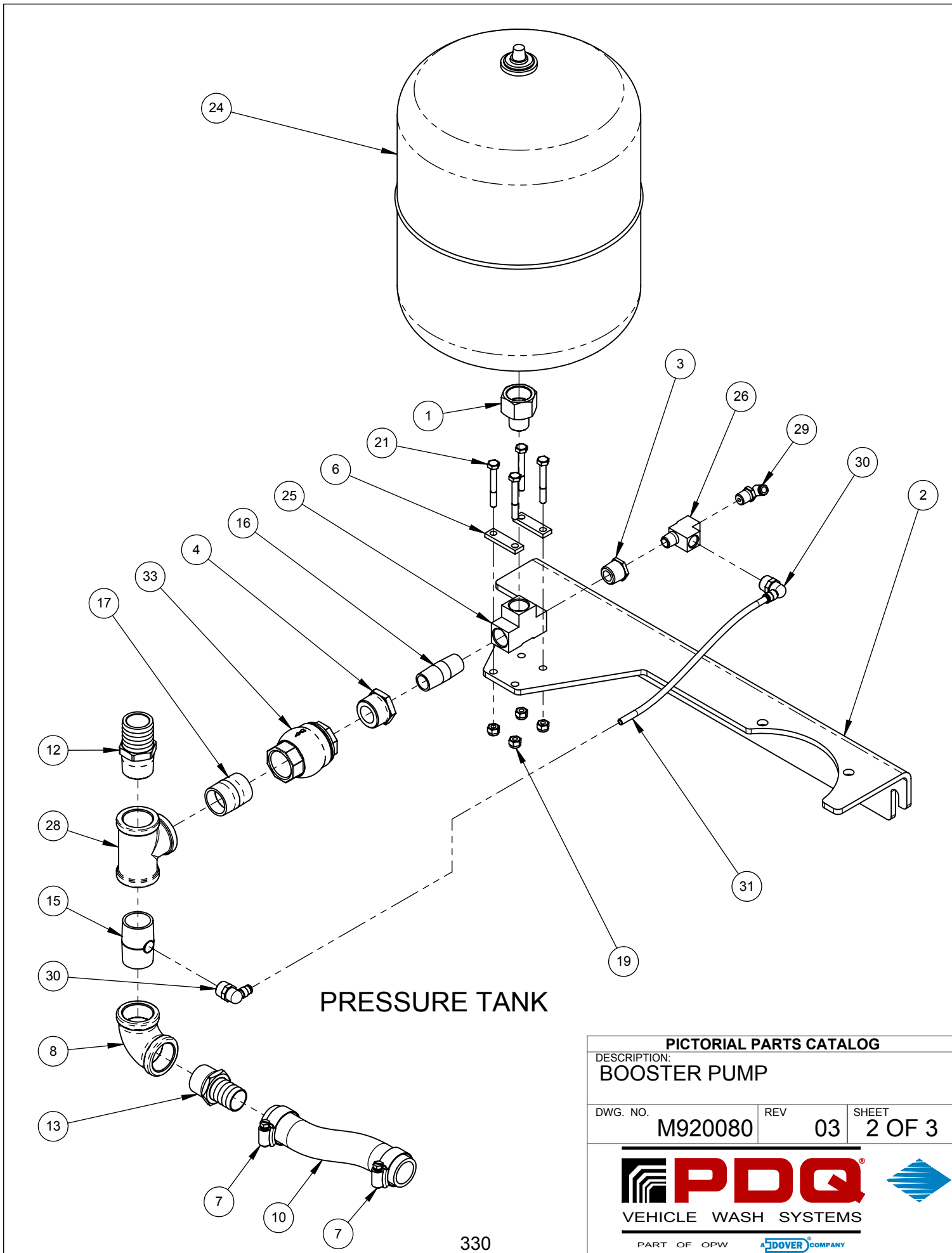
PART OF OPW 

ITEM	PART #	DESCRIPTION
1	67923-B	ADAPTER,3/4FPTx1/2MPT,BRS
2	06140033	BRACKET,BOOSTER-PUMP-MOUNT,SST
3	67704-B	BUSHING,1/2NPTx1/4NPT,BRS
4	67713-B	BUSHING,1NPTx1/2NPT,BRS
5	36193	CHASE NIPPLE 1/2"
6	M560002	CLAMP,EXPANSION-TANK,BOOSTER-PUMP
7	75104	CLAMP,HOSE,#16,1.00H,SST
8	67410-4B	ELBOW,1NPT,90DEG,SC40,BRS
9	25032	GAUGE,PRES,0-160PSI,1/4NPT,CBM,LIQ,2.50"
10	61031	HOSE,1",200-PSI,BLACK,EPDM
11	68140-MHN	HOSE-BARB,1-1/2Hx1-1/4MPT,NYL
12	68134-MHB	HOSE-BARB,1-1/4Hx1MNPT,BRS
13	68129-MHB	HOSE-BARB,1Hx1MPT,BRS
14	36153	LOCKNUT 1/2"
15	M550040	MANIFOLD,1MPTx2",SST,W/1/4FPT-PORT
16	67013-B4B	NIPPLE,1/2NPTx2.00,SC40,BRS
17	67015-4B	NIPPLE,1NPTxCLOSE,SC40,BRS

ITEM	PART #	DESCRIPTION
18	67052-4B	NIPPLE,HEX,1/4NPT,BRS
19	71011-NCS	NUT,1/4-20,HEX,LOCK,SST
20	03180032	PUMP,BERKLEY,SS1XN-1-1/2,CNTFGL
21	70114-HCS	SCREW,1/4-20x2.00,HHCS,SST
22	70179-HCS	SCREW,3/8-16x.87,HHCS,SST
23	31035	SWITCH,PRESSURE,5-65PSI,1/4FPT
24	60010	TANK,EXPANSION,4.6GAL
25	67115-4B-BS	TEE,1/2NPT,PIPE,BRS,BAR-STOCK
26	67190-4B	TEE,1/4NPT,MALE-RUN,SC40,BRS
27	67105-4B	TEE,1/4NPT,PIPE,SC40,BRS
28	67125-4B	TEE,1NPT,PIPE,SC40,BRS
29	24336-PB	TUBE-FTG,ELBOW,1/4Tx1/4NPT,PUSH,BRS
30	24328-PB	TUBE-FTG,ELBOW,5/32Tx1/4NPT,PUSH,BRS
31	23955-NE	TUBING,.16x.02W,NAT-PE
32	23965-NE	TUBING,.25x.04W,NAT-PE
33	63144	VALVE,CHECK,1FNPT,150PSI,BRS



PICTORIAL PARTS CATALOG		
DESCRIPTION: BOOSTER PUMP		
DWG. NO. M920080	REV 03	SHEET 1 OF 3
		
VEHICLE WASH SYSTEMS		
PART OF OPW		



PRESSURE TANK

PICTORIAL PARTS CATALOG

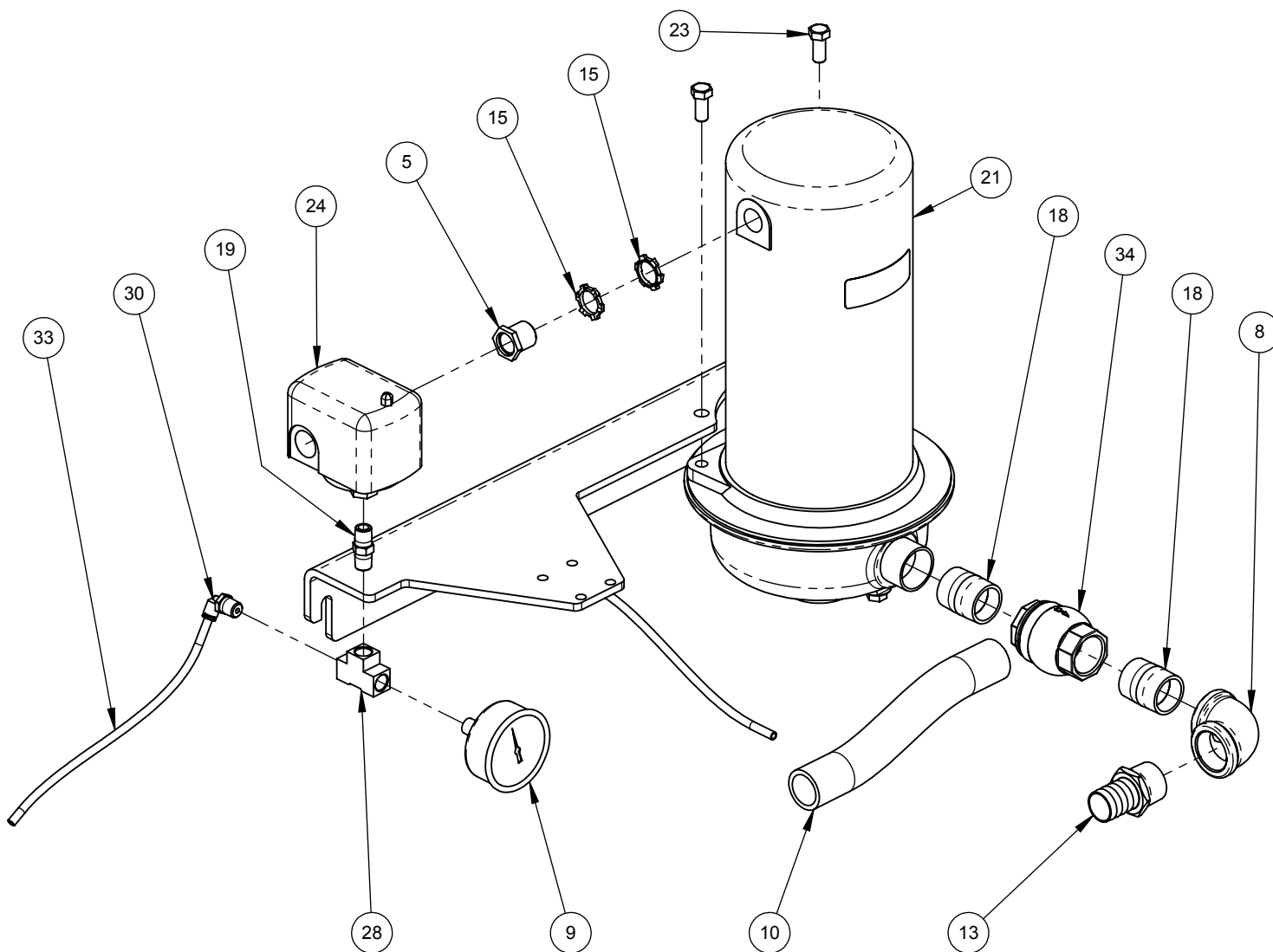
DESCRIPTION:
BOOSTER PUMP

DWG. NO.	REV	SHEET
M920080	03	2 OF 3



VEHICLE WASH SYSTEMS

PART OF OPW A DOVER COMPANY



PICTORIAL PARTS CATALOG

DESCRIPTION: **BOOSTER PUMP**

DWG. NO.	REV	SHEET
M920080	03	3 OF 3



ITEM	PART #	DESCRIPTION
1	03070047	COUPLING, 1/2", SxS, SCH40, PVC
2	03070046	COUPLING, 1/2FNPTx1/2SKT, SCH40, PVC
3	03070048	ELBOW, 1/2", 45DEG, SLIPxSLIP, SCH40, PVC
4	03270020	PIPE, 1/2IPS, SC40, 19.875", PVC
5	03270066	PIPE, 1/2IPS, SCH40, 2.00", PVC
6	36415	STRAIN RELIEF 1/2 .31-.56"CORD, PLASTIC
7	81012	SWITCH, FLOAT, 10FT-CORD, NC, 1AMP
8	04040034	SWITCH, FLOAT, TANK, LOW, LEVEL, NO, 10A
9	11030145	VALVE, INLET, TANK, RO-REJ-RECLAIM, ASSY
10	11030146	VALVE, OUTLET, TANK, RO-REJ-RECLAIM, ASSY
11	11030147	VALVE, OVERFLOW, TANK, RO-REJ-RECLAIM, ASSY



LOW LEVEL
FILL
(N.C. DOWN)
BLACK FLOAT

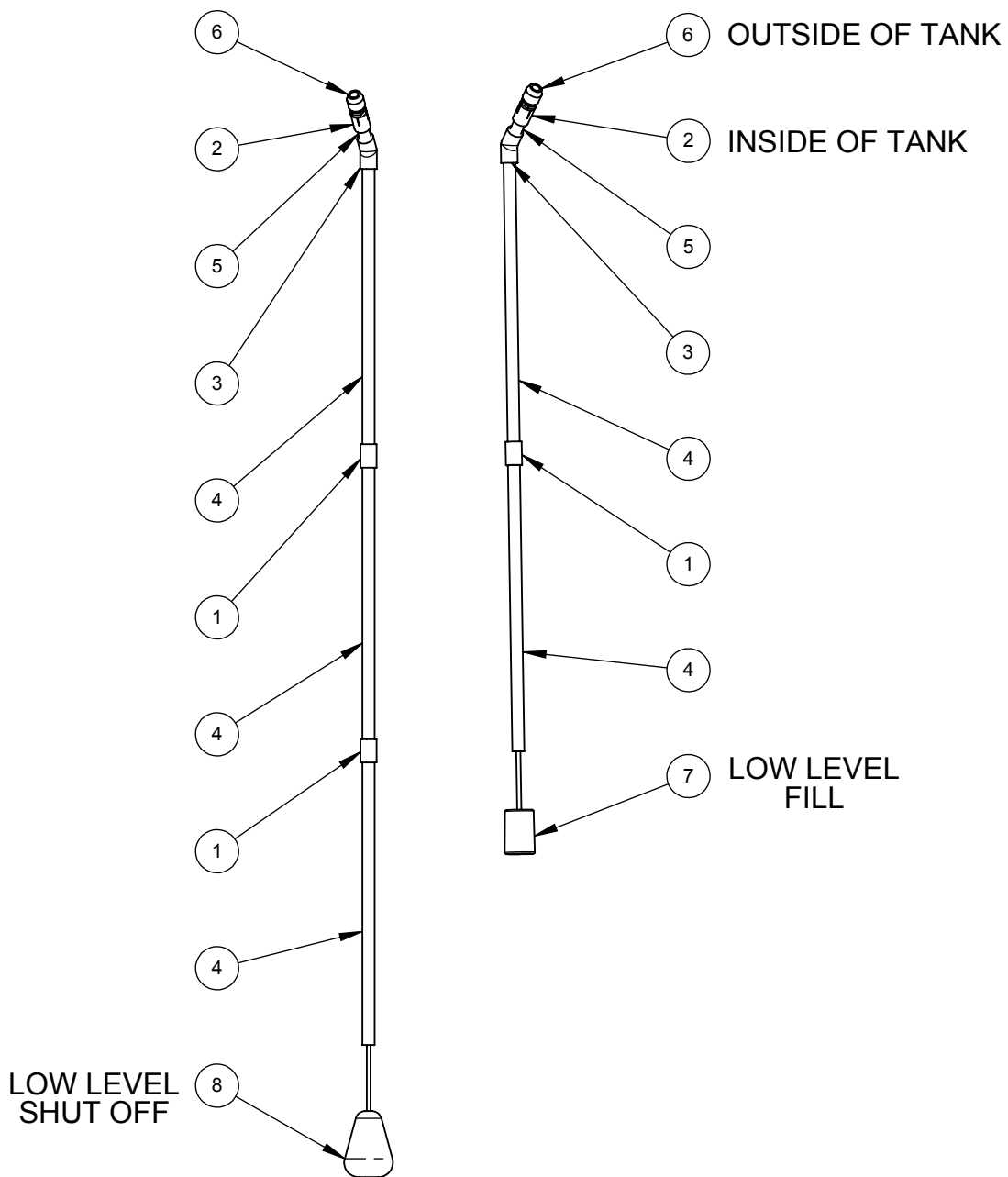
LOW LEVEL
SHUT OFF
(N.O. DOWN)
YELLOW FLOAT

09220048 - WITHOUT TANK
09220049 - INCLUDES 300 GALLON TANK



PICTORIAL PARTS CATALOG		
DESCRIPTION: RO REJECT WATER REUSE SYSTEM		
DWG. NO. 09220048	REV 00	SHEET 1 OF 2

PDQ
VEHICLE WASH SYSTEMS

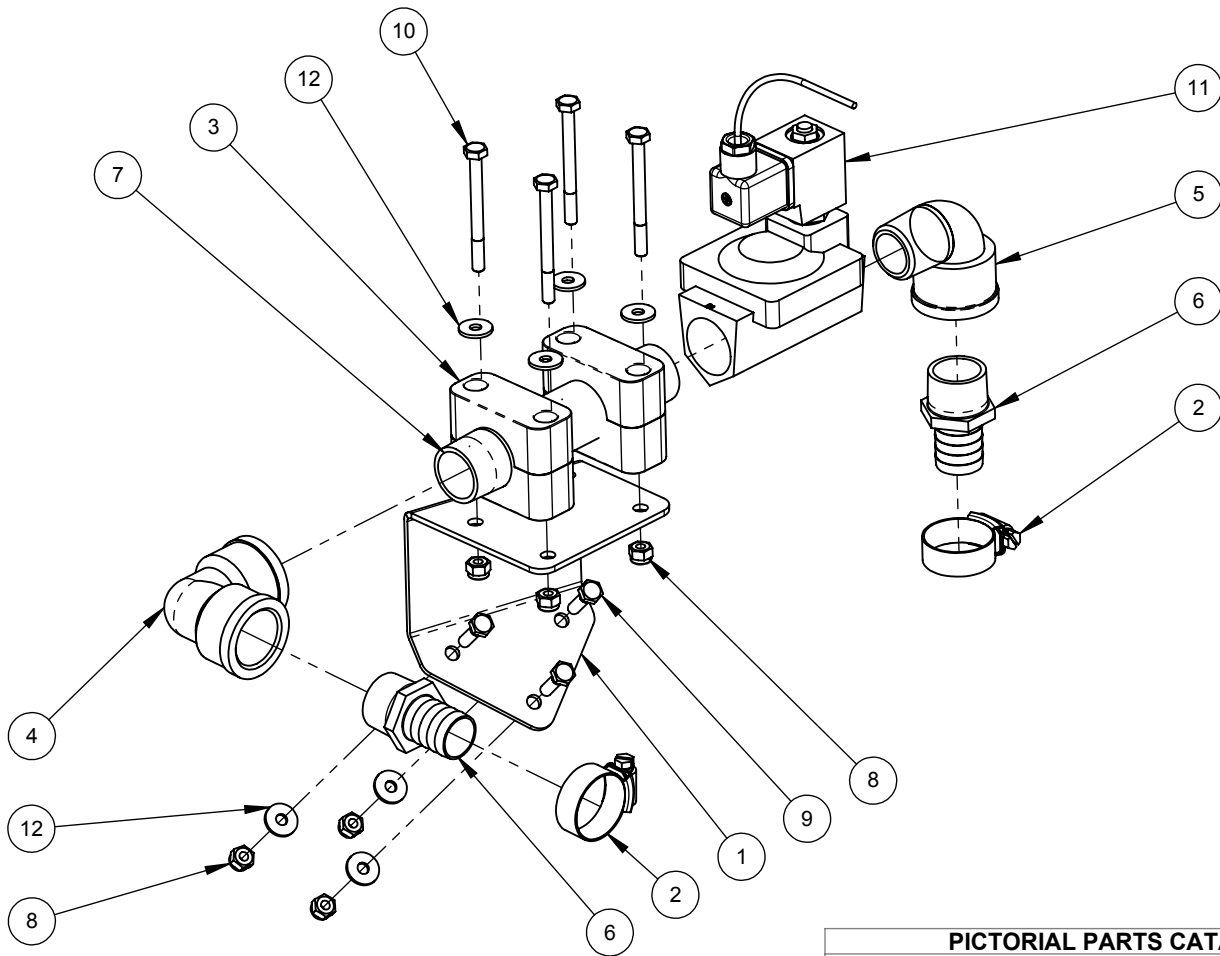
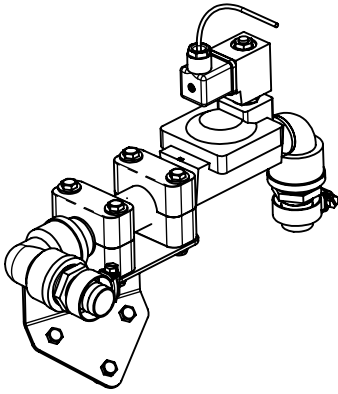
PART OF OPW **DOVER** COMPANY






FLOAT SWITCH ASSEMBLIES

PICTORIAL PARTS CATALOG		
DESCRIPTION: RO REJECT WATER REUSE SYSTEM		
DWG. NO. 09220048	REV 00	SHEET 2 OF 2
 VEHICLE WASH SYSTEMS		
<small>PART OF OPW</small>		<small>A DOVER COMPANY</small>

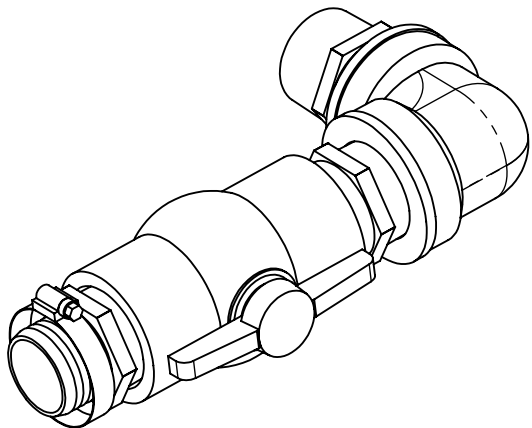
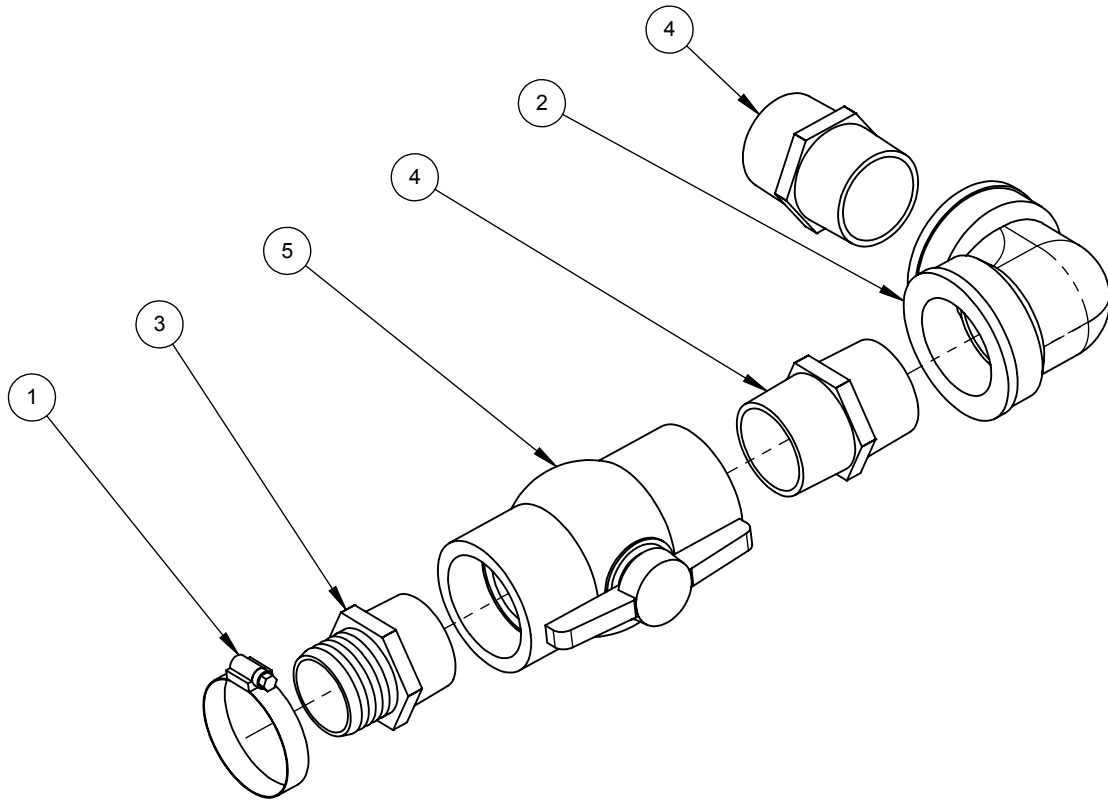
ITEM	PART #	DESCRIPTION
1	06140982	BRACKET, VALVE-MNT, 300GAL-TANK-OPTION, SST
2	75104	CLAMP, HOSE, #16, 1.00H, SST
3	75025	CLAMP, PIPE, 1.00, PP, STANDARD
4	67410-4N	ELBOW, 1NPT, 90DEG, SC40, NYL
5	67495-4N	ELBOW, STREET, 1NPT, 90DEG, SC40, NYL
6	68129-MHN	HOSE-BARB, 1HX1MNPT, NYL
7	67015-J4S	NIPPLE, 1NPTx6.00, SC40, SST
8	71011-NCS	NUT, 1/4-20, HEX, LOCK, SST
9	70110-HCS	SCREW, 1/4-20x1.00, HHCS, SST
10	70117-HCS	SCREW, 1/4-20x2.75, HHCS, SST
11	03010180	VALVE, 1", BRASS, 2-WAY, NC, 232PSI
12	05030035	WASHER, M6, FENDER, SST



PICTORIAL PARTS CATALOG		
DESCRIPTION: RO REUSE INLET VALVE		
DWG. NO.	REV	SHEET
11030145	00	1 OF 1
		
VEHICLE WASH SYSTEMS		
PART OF OPW		

CONFIDENTIAL

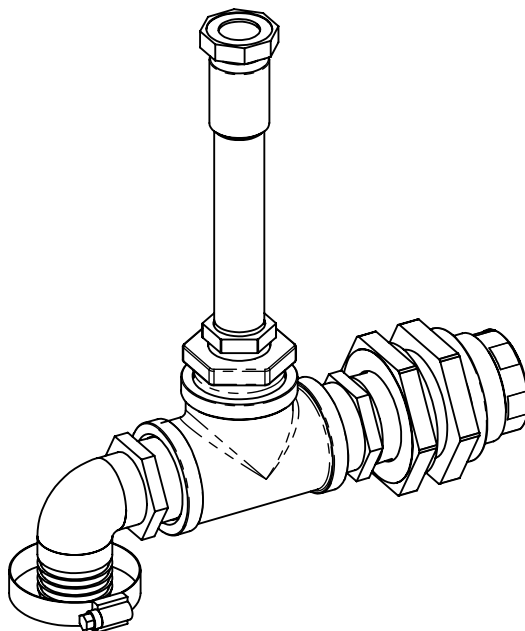
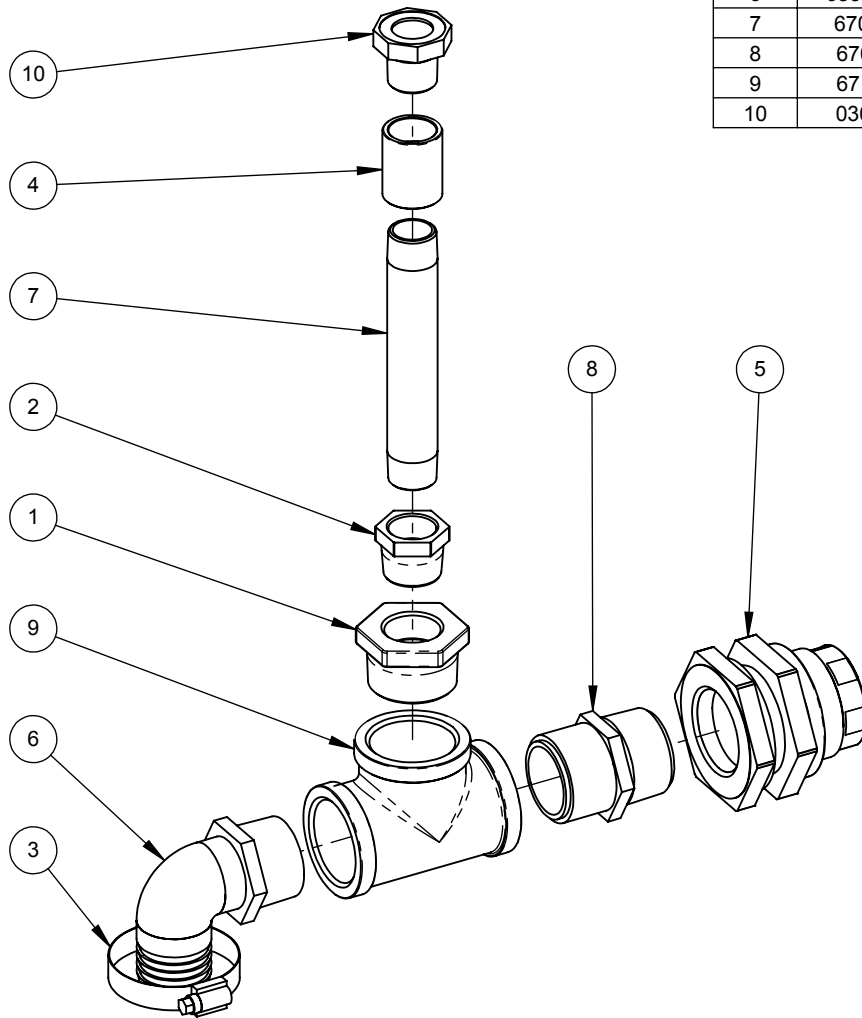
ITEM	PART #	DESCRIPTION
1	75109	CLAMP,HOSE,#36,2.00H,SST
2	03040044	ELBOW,2NPT,90-DEGREE,NYLON
3	68147-M4P	HOSE-BARB,2Hx2MNPT,SCH 40,PVC
4	67072-4N	NIPPLE,HEX,2NPT,NYL
5	03010158	VALVE,BALL,2NPT-BOTH-ENDS,SCH40,PVC



PICTORIAL PARTS CATALOG		
DESCRIPTION:		
RO REUSE OUTLET VALVE		
DWG. NO.	REV	SHEET
11030146	00	1 OF 1



ITEM	PART #	DESCRIPTION
1	67725-N	BUSHING,1-1/2NPTx1NPT,NYL
2	67714-N	BUSHING,1NPTx3/4NPT,NYL
3	75109	CLAMP,HOSE,#36,2.00H,SST
4	03070044	COUPLING,3/4NPT,SCHED40,PVC
5	67690-TT	FITTING,BULKHEAD,1-1/2"NPT,PVC
6	68341-MHN	HOSE-BARB,1-1/2Hx1-1/2MNPT,90°,NYL
7	67014-18P	NIPPLE,3/4NPTx6.00,SC80,PVC
8	67069-4N	NIPPLE,HEX,1-1/2NPT,NYL
9	67131-4N	TEE,1-1/2NPT,PIPE,SC40,PVC
10	03010157	VALVE,AUTO-DRAIN,3/4MNPT,PLSTC

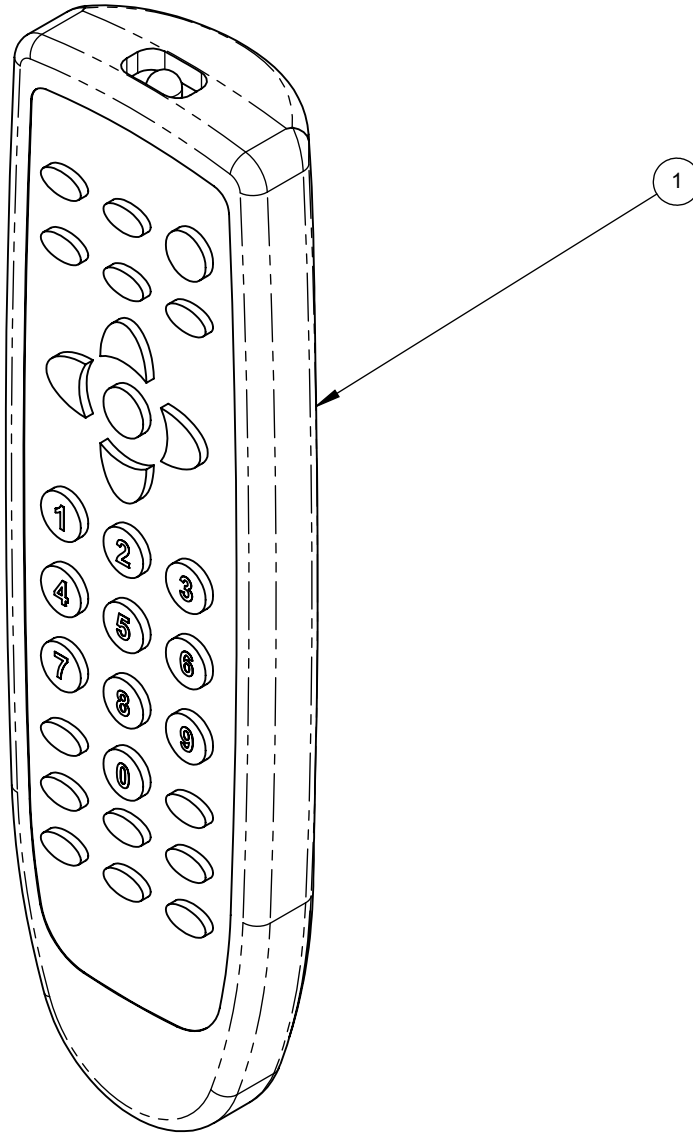


PICTORIAL PARTS CATALOG		
DESCRIPTION: RO REJECT REUSE OVERFLOW		
DWG. NO.	REV	SHEET
11030147	00	1 OF 1




VEHICLE WASH SYSTEMS
PART OF OPW A DOVER COMPANY

ITEM	PART #	DESCRIPTION
1	04540049	REMOTE-CONTROL,INFRARED,38KHZ,NEC-CODE



PICTORIAL PARTS CATALOG

DESCRIPTION:
REMOTE CONTROL

DWG. NO.	REV	SHEET
04540049	01	1 OF 1

PDQ
VEHICLE WASH SYSTEMS

PART OF OPW DOVER COMPANY



Spare Parts Kits

Customer Spare Parts Kit

PDQ Part No. 09100193

PDQ Part No.	Qty	Description	Usage
04070025	1	PROX,18mm,12-24VDC,ANALOG,UNSLD	Arch Position Sensor
M690001	10	BOLT,SHEAR,3/8-16x4.50,SST,LW4K-ARCH	Arch Shear Bolt
03010149	1	VALVE,CHECK,3/8NPT,6500PSI,10.5GPM,SST	Bridge Foaming Check Valve
11350022	2	KIT,FOOT-VALVE,1/4",CLEAR-VINYL-TUBING	Chemical Pickup valve Kit
63415	2	METERING-TIP,KIT,#8-32UNC	Injector Metering Tip Kit
04580019	2	CIRCUIT-BOARD,OUTPUT,5-RELAY,6A	Output Card
04580026	1	CIRCUIT-BOARD,OUTPUT,5-RELAY,6A,MULTI-PH	Output Card
04080093	2	CORDSET,12mm,3/20AWG,90°,6m	Position Prox Cable
04080390	1	CORDSET,12mm,3/20AWG,90°,3m	Position Prox Cable
93020	1	PROX,12mm,SHLD,10-30VDC,NPN	Position Prox Sensor
93021	2	PROX,18mm,SHLD,10-30VDC,NPN,LONG	Position Prox Sensor
03010192	3	VALVE,3/8,SST,2-WAY,NC,232PSI	Pump Station Chemical Valve
03150019	1	INJECTOR,.135-.245,1/2FPT,ADJ,BRS	Pump Station Injector
03150025	1	INJECTOR,.057,SST,GENERAL-PUMP	Pump Station Injector
03150027	1	INJECTOR,.086,SST,GENERAL-PUMP	Pump Station Injector
03150028	1	INJECTOR,.098,SST,GENERAL-PUMP	Pump Station Injector
04040035	1	SWITCH,PRESSURE,2PSI,NO,1/4MNPT,48"LEADS	Pump Station Pressue Switch
04540049	1	REMOTE-CONTROL,INFRARED,38KHZ,NEC-CODE	Remote Control
04110034	10	FUSE,3A,MINI,FAST-ACTING,AUTOMOTIVE	Replacement Fuse
04110059	10	FUSE,5A,MINI,FAST-ACTING,AUTOMOTIVE	Replacement Fuse
04110086	10	FUSE,15A,MINI,FAST-ACTING,AUTOMOTIVE	Replacement Fuse
04110091	10	FUSE,4A,MINI,FAST-ACTING,AUTOMOTIVE	Replacement Fuse
03230047	1	NOZZLE,KIT,LASERWASH:M5,BASE:MACHINE	Spray Arch Nozzles
04420026	1	SENSOR,ULTRASONIC,75kHz,15'CBL,1.5"DIA	Ultrasonic Sensor, Bridge
04420036	1	SENSOR,ULTRASONIC,75kHz,60'CBL,1.5"DIA	Ultrasonic Sensor, Side

Distributor Spare Parts Kit

PDQ Part No. 09100194

PDQ Part No.	Qty	Description	Usage
04070025	1	PROX,18mm,12-24VDC,ANALOG,UNSLD	Arch Position Sensor
03010149	1	VALVE,CHECK,3/8NPT,6500PSI,10.5GPM,SST	Bridge Foaming Check Valve
06170008	4	ROLLER,TAPERED,2.66,DELFIN,W/BEARING	Bridge/Trolley Roller
06030043	1	PULLEY,IDLER,5.0"x1.25",FLAT,PLSTC	Bridge/Trolley Belt Idler Pulley
06010065	1	BEARING,FLANGE,4BOLT,1.000"BORE,ABT	Bridge/Trolley Drive Bearing
06170003	1	ROLLER,HORIZONTAL,2.88,DELFIN,W/BEARING	Bridge/Trolley Guide Roller
11350022	2	KIT,FOOT-VALVE,1/4",CLEAR-VINYL-TUBING	Chemical Pickup valve Kit
06020048	1	BELT,TIMING,8mmP-25mm,720mmL,NEOPRENE	Drive Belt for Arch Rotation
06020028	1	BELT,HTD-8M,20x11000mm,BRIDGE-DRIVE	Drive Belt for Bridge
06020026	1	BELT,HTD-8M,20x4712mm,TROLLEY-DRIVE	Drive Belt for Trolley
11010052	1	NODE,I/O-MODULE,10IN,20OUT,4US,2SERIAL	I/O Node
06170034	1	ROLLER,E-CHAIN-SUPPORT,LONG,UHMW	Main E-Chain Support Roller
04580019	2	CIRCUIT-BOARD,OUTPUT,5-RELAY,6A	Output Card
04580026	1	CIRCUIT-BOARD,OUTPUT,5-RELAY,6A,MULTI-PH	Output Card
04080093	2	CORDSET,12mm,3/20AWG,90°,6m	Position Prox Cable
04080390	1	CORDSET,12mm,3/20AWG,90°,3m	Position Prox Cable
93020	1	PROX,12mm,SHLD,10-30VDC,NPN	Position Prox Sensor
93021	2	PROX,18mm,SHLD,10-30VDC,NPN,LONG	Position Prox Sensor
06020045	1	BELT,V,BX59,60.8",RUBBER	Pump Drive Belt
03010192	3	VALVE,3/8,SST,2-WAY,NC,232PSI	Pump Station Chemical Valve
04540049	1	REMOTE-CONTROL,INFRARED,38KHZ,NEC-CODE	Remote Control
04110034	10	FUSE,3A,MINI,FAST-ACTING,AUTOMOTIVE	Replacement Fuse
04110059	10	FUSE,5A,MINI,FAST-ACTING,AUTOMOTIVE	Replacement Fuse
04110086	10	FUSE,15A,MINI,FAST-ACTING,AUTOMOTIVE	Replacement Fuse
04110091	10	FUSE,4A,MINI,FAST-ACTING,AUTOMOTIVE	Replacement Fuse
04580031	1	CIRCUIT-BOARD,ENTRANCE-SIGN,COMPLETE	Sign LED board for Entrance Sign
04580021	1	CIRCUIT-BOARD,COMMON-SMART-SIGN,COMPLETE	Sign LED board for In Bay Sign
03230047	1	NOZZLE,KIT,LASERWASH:M5,BASE:MACHINE	Spray Arch Nozzles
03240017	1	SWIVEL,90DEG,1FNPT,LASERWASH	Spray Arch Swivel
04420026	1	SENSOR,ULTRASONIC,75kHz,15'CBL,1.5"DIA	Ultrasonic Sensor, Bridge
04420036	1	SENSOR,ULTRASONIC,75kHz,60'CBL,1.5"DIA	Ultrasonic Sensor, Side
04180036	1	FREQ-DRIVE,UM200,0.75HP,0.55kW,230V,1PH	Variable Frequency Drive, Bridge
04540100	1	MODULE,VFD,INTERFACE,COMM,RS-485,UM	VFD Communication Module

Document Change Log

!!IMPORTANT!!	<p>Below is a brief and generic description of the changes to this manual document. This is intended to give a history of the changes and guide the reader to the area impacted by each revision. Not all the individual change details within the document are listed and indicated.</p> <p>READ THIS MANUAL COMPLETELY BEFORE ATTEMPTING INSTALLATION.</p> <p>If problems occur, please call PDQ Manufacturing, Inc. and ask to speak to a service technician.</p>
----------------------	---

Rev	Pages	Description	Completed By	Checked by	Date
00	-	Initial Release	PHK	KAU	3/23/16
