

*A.V.W. EQUIPMENT*

***FINISHING MODULE***

***Model FM1-EL***



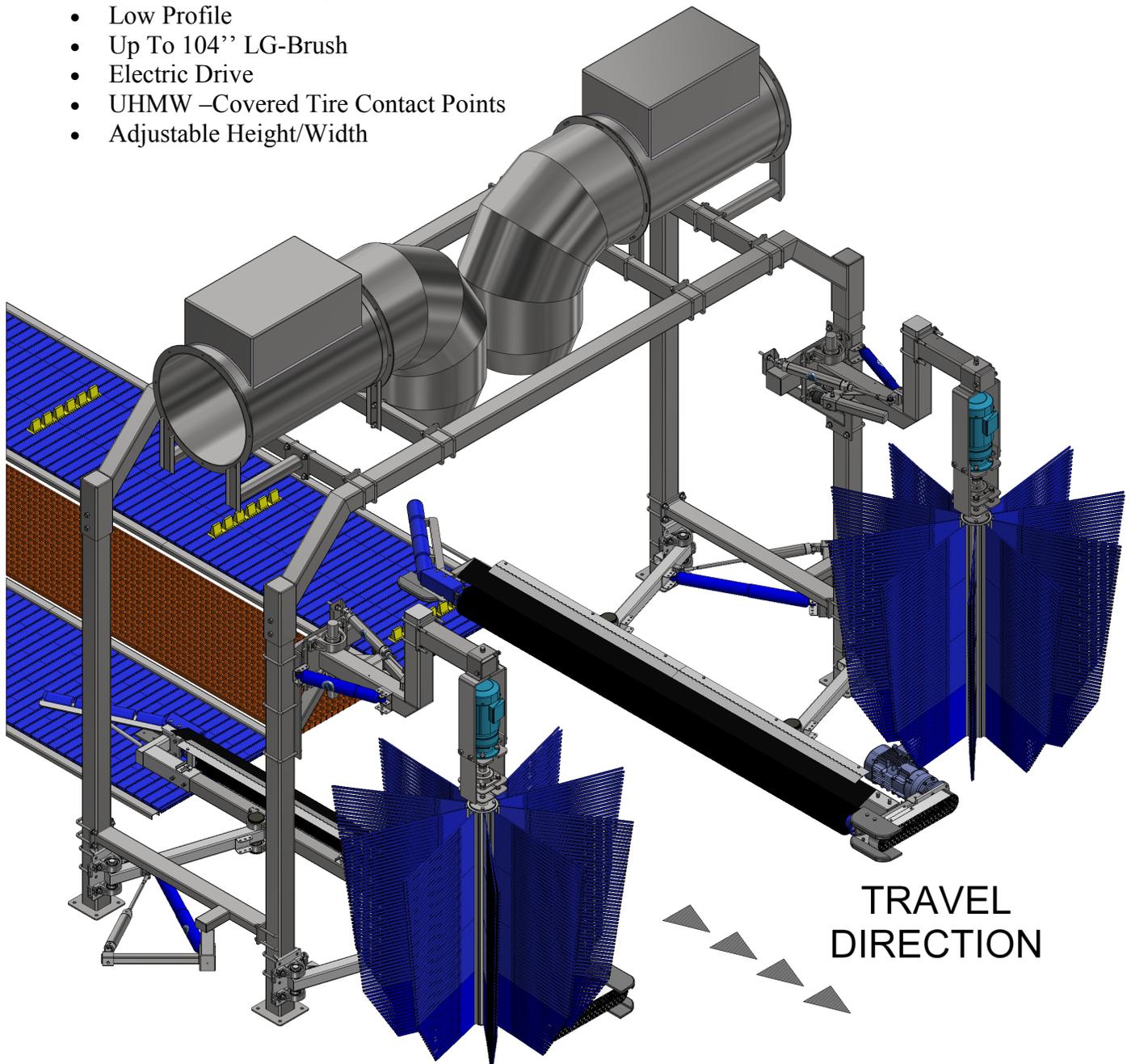
# FINISHING MODULE, MODEL FM1-EL

The **AVW Stainless Steel Finishing Module** is for the Dual Belt Conveyor and has a Side Washer with Dual Step up Arms With Customized Brush of 48", a Tire Shine , Two Penta Arches and 2-Solaronics Heaters w/mounting brackets.

It is low profile, accommodates varying width vehicles .

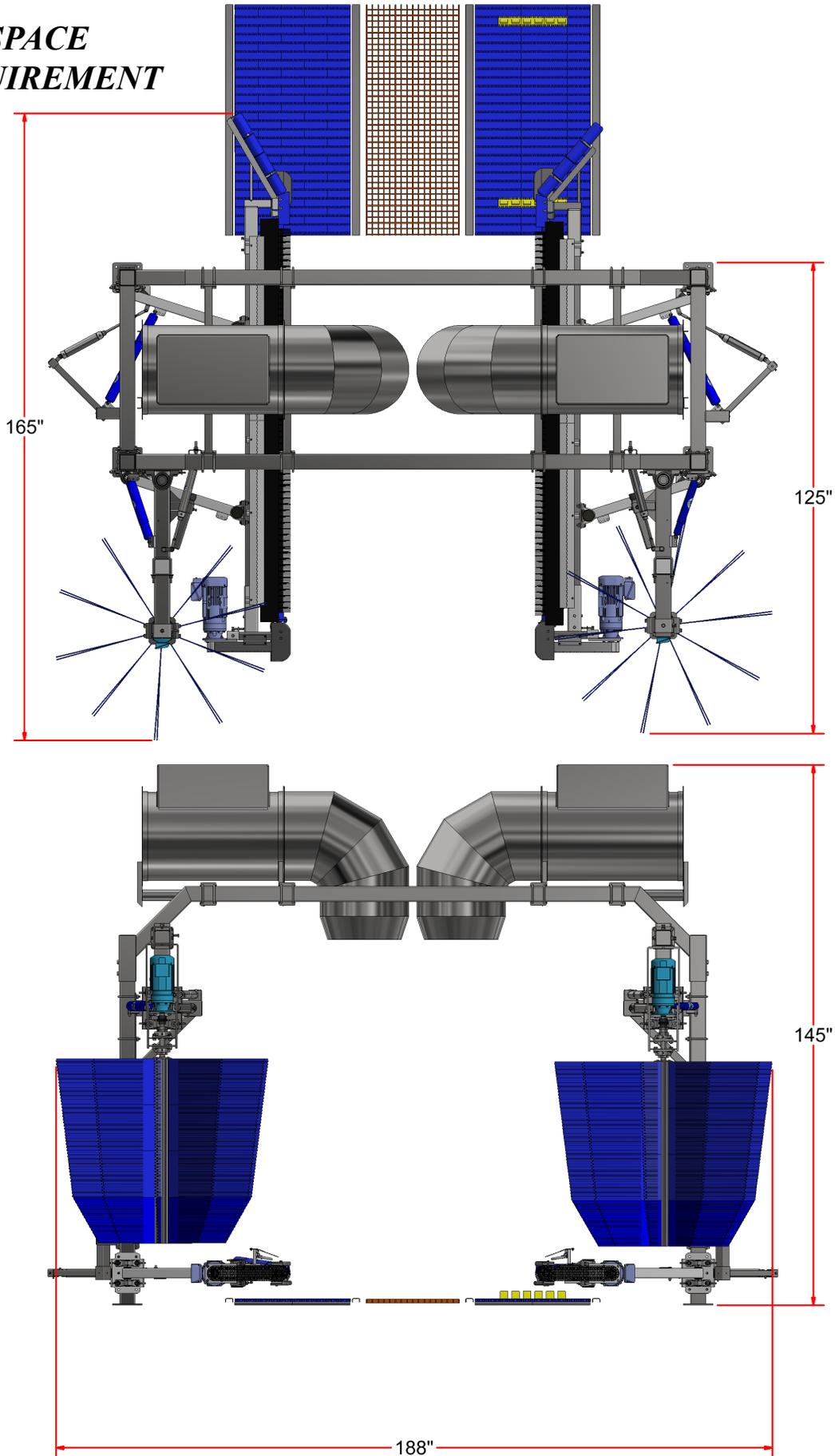
Supplied with Long Brush, applicator, retract kit, dressing manifold with Dual Pump Panel.

- Heavy Duty Stainless Steel
- Nickel Plated Bearings
- Low Profile
- Up To 104" LG-Brush
- Electric Drive
- UHMW –Covered Tire Contact Points
- Adjustable Height/Width

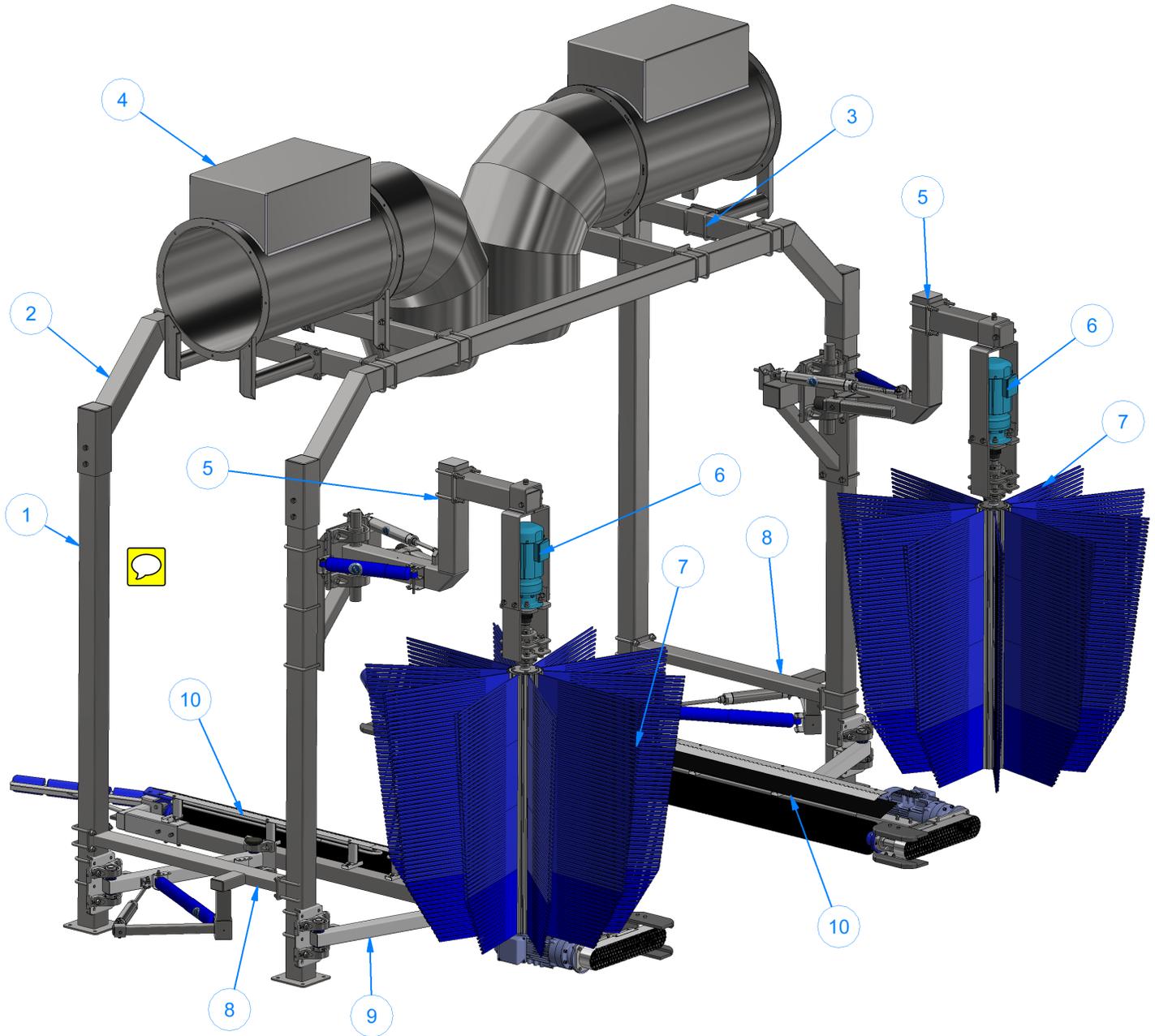


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## SPACE REQUIREMENT



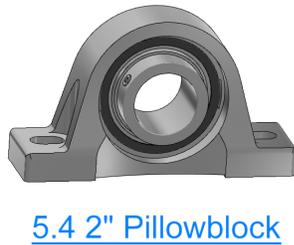
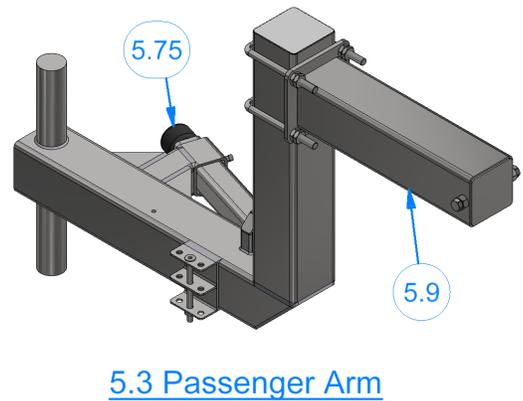
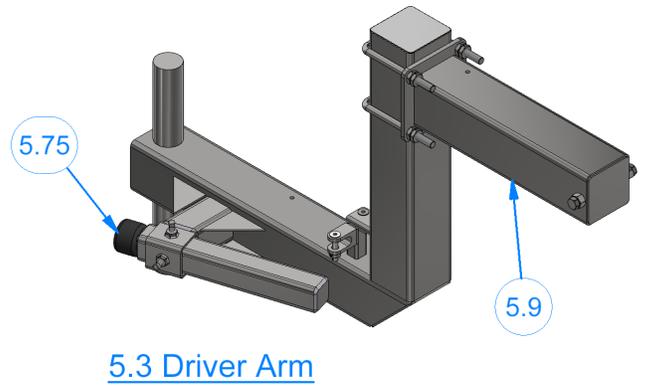
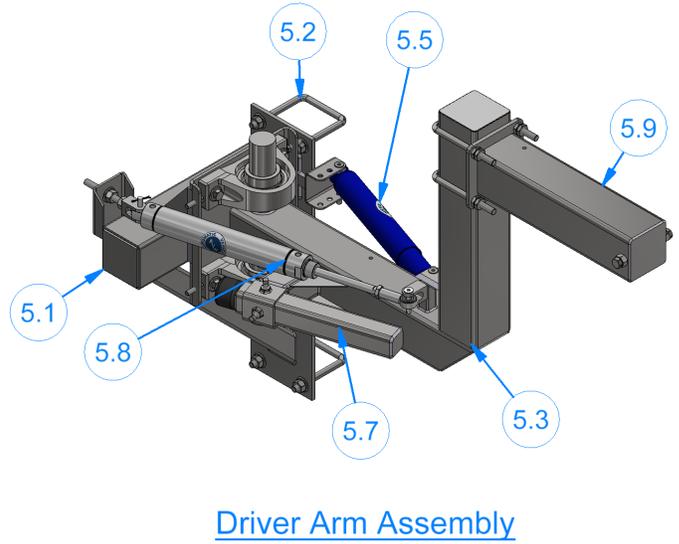
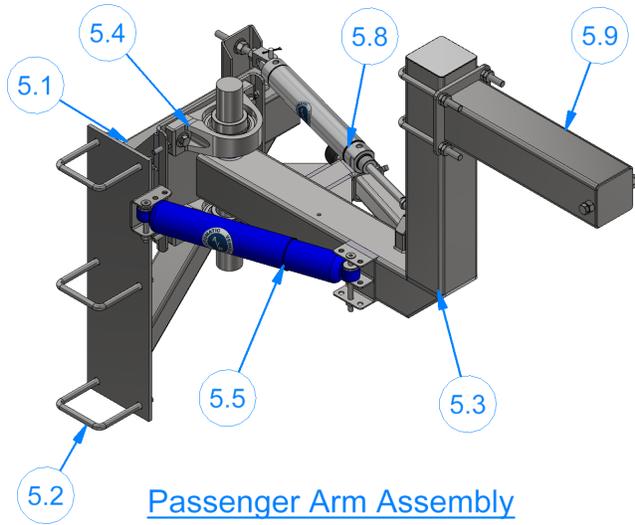
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ITEM	Description	PART No.	QTY.
1	LEGS 96" LG	AA0A	4
2	TOP CROSSBAR	BL1C10X12	2
3	HEATER BRACE BAR	FM1D	4
4	SOLARONIC HEATER	HT2	2
5	DUAL STEP UP ARM ASSEMBLY	SW2B/SW2C	2
6	MOTOR MOUNT ASSEMBLY	SW8K-EL	2
7	BRUSH ASSEMBLY	WA1M-5/10x72	2
8	HORIZONTAL BRACE BAR FRAME MOUNT	HBB-TBSQ400-45-375	2
9	TIRE SHINE ARM MOUNT ASSEMBLY	TB2AAC	2
10	TIRE SHINE ASSEMBLY	TB3-CUS999-EL	2



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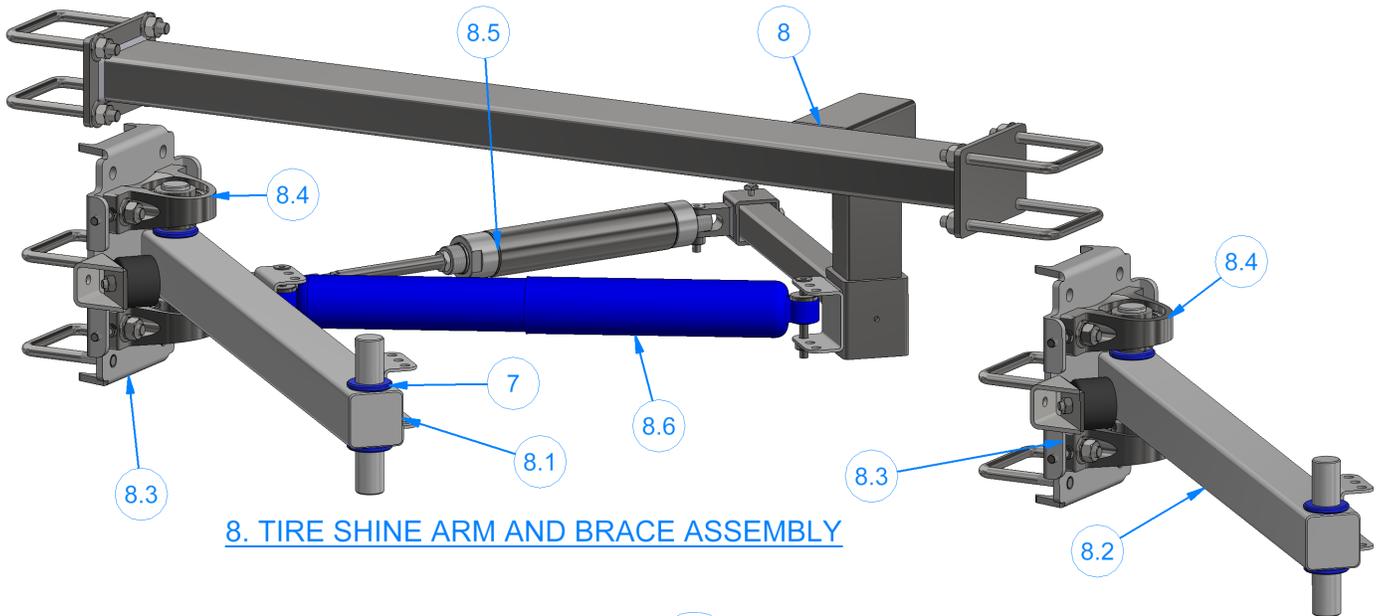


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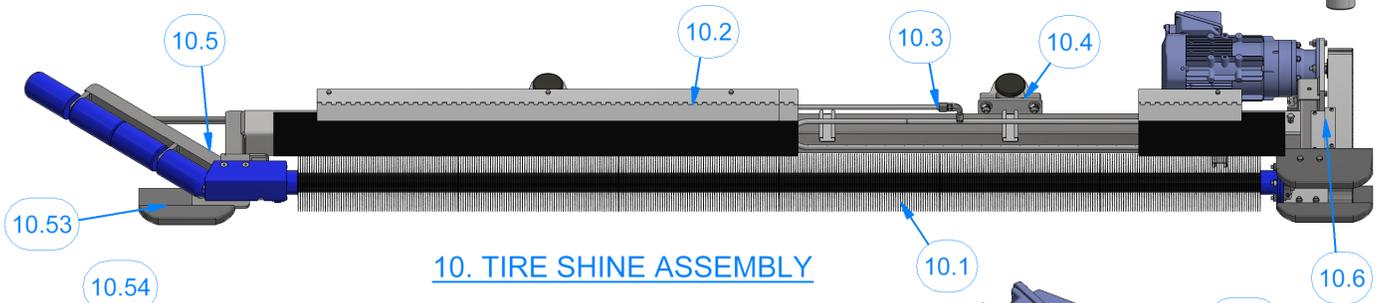
ITEM	DESCRIPTION	DRIVER SIDE		PASSENGER SIDE	
		PART NO.	QTY	PART NO.	QTY
- 5.1	<b>ARM MOUNT ASSEMBLY</b> Arm Mount	SW2B	1	SW2C	1
-	Connecting Plate	SW2BA	1	SW2CA	1
-	Screw Fastener Set 3/8":	SW2B1	1	SW2B1	1
-	Hex Head Cap Screw 3/8"-16x1 1/4"lg.	-	10	-	10
-	Split Lock Washer 3/8"	HHCS3816125	10	HHCS3816125	10
-	Hex Nut 3/8"-16	SLW3/8	10	SLW3/8	10
-	Square Head Screw 1/2"-13x1 1/2"lg. (for sleeves)	HN3816	10	HN3816	10
-	Hex Head Cap Screw 3/8"-16x2"lg.(fully threaded, for pillow block adjustment)	SQHS1213150	2	SQHS1213150	2
-		HHCS3816200F	4	HHCS3816200	4
- 5.3	<b>DUAL STEP UP ARM ASSEMBLY:</b> Side ARM 42"lg.	SW1D-5905	1	SW1E-5905	1
-	Bracket For Retract Kit (welded)	SW1DA-5905	1	SW1EA-5905	1
5.75	Rubber Stop Arm Assembly:	WA1DAD	1	WA1DAD	1
-	Stop Arm	WA1DB	1	WA1DB	1
-	Rubber Bumper	WA1DBA	1	WA1DBA	1
-	Screw Fastener Set 3/8" (for bumper):	WA1DBB	1	WA1DBB	1
-	Hex Head Cap Screw 3/8"-16x1 1/4"lg.	-	1	-	1
-	Flat Washer 3/8" I.D.x7/8" O.D.	HHCS3816125	1	HHCS3816125	1
-	Hex Nut 3/8"-16-	FW38087	1	FW38087	1
-	Square Head Screw 3/8"-16x3/4"lg. (Bolt Through	HN3816	1	HN3816	1
-	Top Arm with:	SQHS3816075	2	SQHS3816075	2
-	Threaded Rod 1/2"-13x5"lg	SW1DC-0210	1	SW1DC-0209	1
-	Flat Washer 1/22" I.D.x1" O.D.	THRD1213500	1	THRD1213500	1
-	Nylon Lock Nut	FW12100	2	FW12100	2
-		NLN1213	2	NLN1213	2
5.4	<b>PILLOW BLOCK 2"</b>	WA1WB	2	WA1WB	2
-	Screw Fastener Set 1/2" (for pillow block):	-	4	-	4
-	Hex Head Cap Screw 1/2"-13x2 1/4"lg.	HHCS12132	4	HHCS1213225	4
-	Flat Washer 1/2" I.D.x1 1/4" O.D.	FW12125	16	FW12125	16
-	Split Lock Washer 1/2"	SLW12	8	SLW12	8
-	Hex Nut 1/2"-13	HN1213	8	HN1213	8
5.5	<b>SHOCK ABSORBER ASSEMBLY:</b>	WA1FA	2	WA1FA	2
5.52	Shock Absorber Model MN32238	WA1FAA	4	WA1FAA	4
5.56	PIN A3/8"x6"lg.	WA1FB	4	WA1FB	4
-	COLLAR 3/8"	WA1FC	4	WA1FC	4
5.58	UHMW Bushing 3/8" I.D.	WA1FA1	8	WA1FA1	8
5.8	<b>RETRACT KIT:</b>	-	1	-	1
5.82	AIR CYLINDER 2"x10"	AC2x10	1	AC2x10	1
5.88	Ball Joint Rod End	BJ1-2-20	1	BJ1-2-20	1
5.86	Rear Mount	WA2GA	1	WA2GA	1
-	-Clevis	WA2GA1	1	WA2GA1	1
-	-Threaded Road 1/2"-13x5"LG	WA2GA2	1	WA2GA2	1
-	-Hex Nut 1/2"-13	HN1213	3	HN1213	3
5.84	Rear Pin 3/8 x 1 1/2" LG.	WA1GB	1	WA1GB	1
-	Cotter Pin	CP3-8	1	CP3-8	1
-	Front pin 1/2" x 2" LG.	WA1GC	1	WA1GC	1
-	Collar 1/2"	WA1GD	1	WA1GD	1
-	Jam Nut 1/2"	JN1220	1	JN1220	1



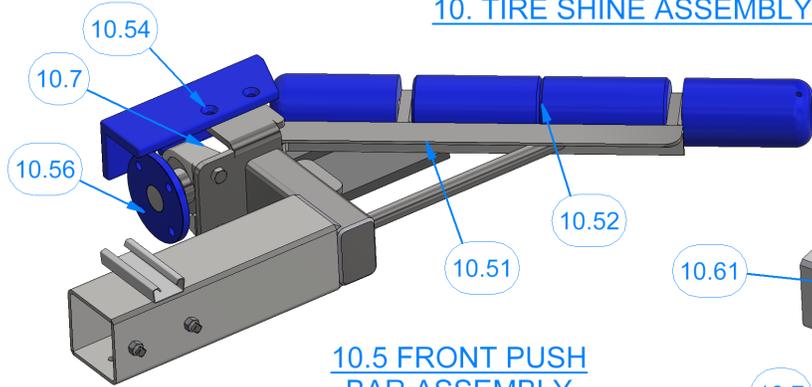
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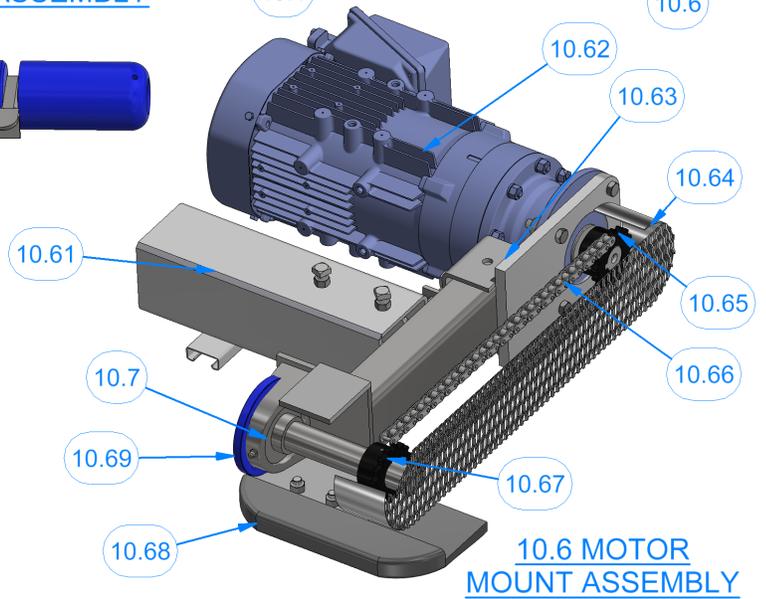
8. TIRE SHINE ARM AND BRACE ASSEMBLY



10. TIRE SHINE ASSEMBLY



10.5 FRONT PUSH BAR ASSEMBLY



10.6 MOTOR MOUNT ASSEMBLY



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ITEM	Description	DRIVER SIDE		PASSENGER SIDE	
		PART NO.	Qty	PART NO.	Qty
-	<b>TIRE BRUSH SIDE</b>	TB3A-CUS999-EL	1	TB3B-CUS999-EL	1
8	<b>HORIZONTAL BRACE BAR 45" 3/8"</b>	HBB-212SCH40-45-375	1	HBB-212SCH40-45-375	1
	<b>HEX HEAD CAP SCREW 3/8"-16x2"LG</b> Fully Threaded (for pillow block adjustment)	HHCS3816200F	8	HHCS3816200F	8
-	<b>RUBBER STOP</b>	WA1DBB	1	WA1DBB	1
-	Screw Fastener Set for Rubber Stop:	-	1	-	1
-	Hex Head Cap Screw 3/8"-16x2"LG	HHCS3816200F	1	HHCS3816200F	1
-	Flat Washer 3/8" I.D.x7/8" O.D	FW380875	1	FW380875	1
-	Hex Nut 3/8"-16	HN3816	1	HN3816	1
8.1	<b>FRONT ARM</b>	TB3ABX32	1	TB2BBX32	1
8.2	<b>REAR ARM</b>	TB3ACX32	1	TB2BCX32	1
8.3	<b>PILLOW BLOCK MOUNTING PLATE</b>	TB2AAC	2	TB2AAC	2
-	Mounting Plate	TB2AACA	2	TB2AACA	2
-	Square U-Bolt Fastener Set 1/2"	RB2ABB	4	RB2ABB	4
-	Square U-Bolt 1/2"x17"LG	UB-SQ050x17	4	UB-SQ050x17	4
-	Split Lock Washer 1/2"	SLW12	8	SLW12	8
-	Hex Nut 1/2"-13	HN1213	8	HN1213	8
8.4/10.4	<b>PILLOW BLOCK BEARINGS 1-1/4" (Capped)</b>	BRG-RB1WB-TB1WC	4	BRG-RB1WB-TB1WC	4
-	Cap	BRG-207CPE-NP	4	BRG-207CPE-NP	4
-	Screw Fastener Set for Rubber Stop:	-	16	-	16
-	Hex Head Cap Screw 1/2"-13x2-1/4"LG	HHCS1213225	16	HHCS1213225	16
-	Flat Washer 1/2" I.D.x1-1/4" O.D	FW12125	32	FW12125	32
-	Hex Nut 1/2"-16	HN1216	16	HN1216	16
8.5	<b>TIRE WASHER RETRACT KIT</b>	TB2AF	1set	TB2AF	1set
8.52	REAR MOUNT for Air Cylinder	TB2AGB-1104	1	TB2AGB-1104	1
-	AIR CYLINDER (2" Bore, 8" Stroke)	AC2X	1	AC2X8	1
-	BALL JOINT ROD END 1/2"-20, female	BJ1-2-20	1	BJ1-2-20	1
-	PIN 1/2"x2"LG (front and rear)	WA1GC	2	WA1GC	2
-	COTTER PIN	CP1-2	2	CP1-2	2
-	JAM NUTS	-	1	-	1
-	AIR CONTROL PANEL	WA1P	1	WA1P	1
8.6	<b>SHOCK ABSORBER ASSEMBLY:</b>	TB1AE	1	TB1AE	1
-	<b>SHOCK ABSORBER</b>	WA1FAA	1	WA1FAA	1
-	SHOCK ABSORBER'S MOUNTING BRACKET	TB2AG-1104	1	TB2AG-1104	1
-	UHMW BUSHING 3/8" I.D.	WA1FA1	2	WA1FA1	2
-	PIN Ø3/8"x3"LG	TB1AEA	2	TB1AEA	2
-	COLLAR 3/8"	WA1FC	2	WA1FC	2
-	BRUSH DRIVE ASSEMBLY (4-Bolt spindle Des.)	TB3ADB-4B-CUS999-EL	1	TB3ADB-4B-CUS999-EL	1

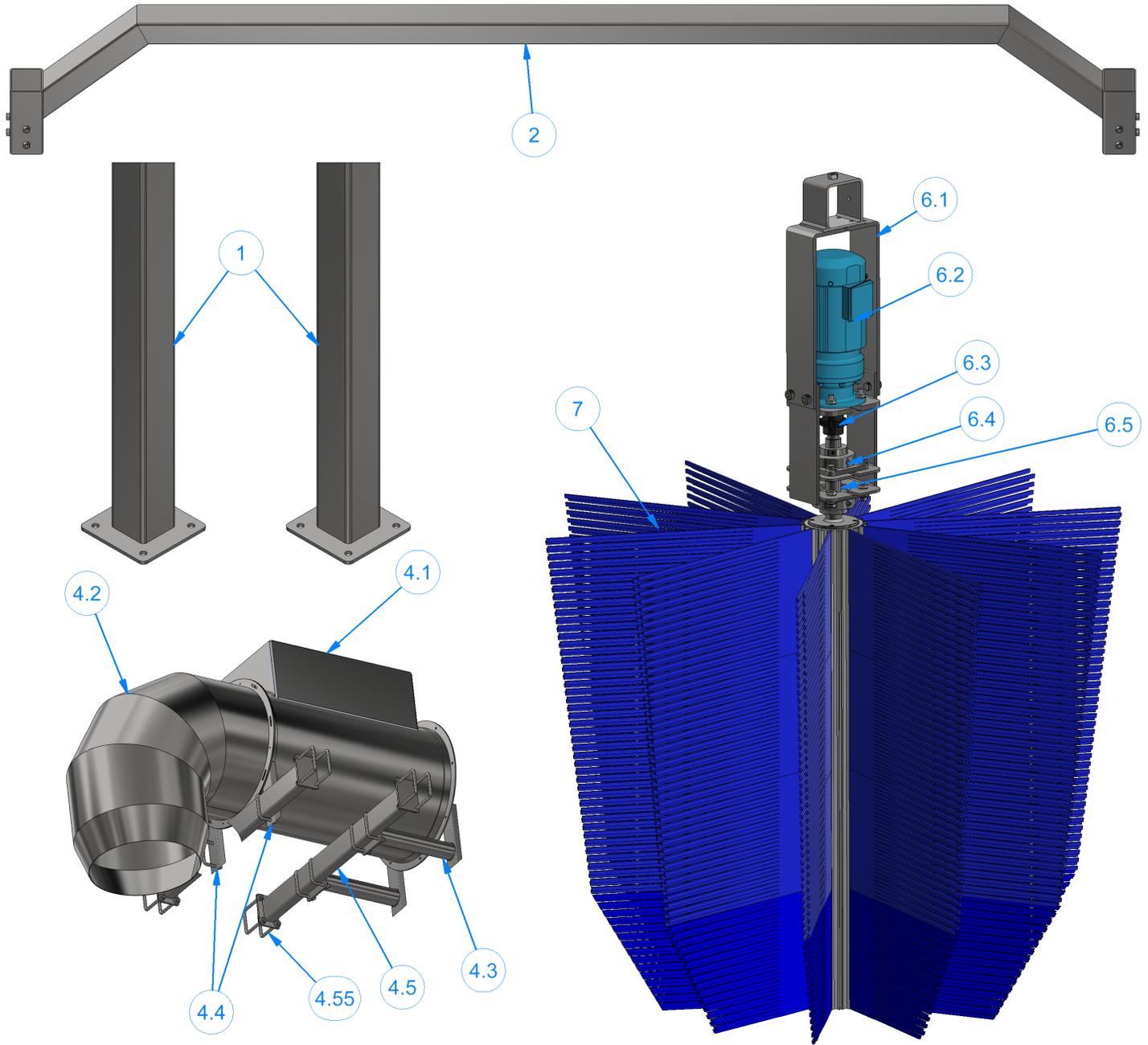


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ITEM	Description	DRIVER SIDE		PASSENGER SIDE	
		PART NO.	Qty	PART NO.	Qty
10.1	BRUSH SET	TB1ADE-4B-94-CUS999	1	TB1ADE-4B-94-CUS999	1
-	<b>BRUSH</b> Ø8"x104"LG	TB1ADEA-4B-104-CUS999	1	TB1ADEA-4B-104-CUS999	1
-	4-BOLT SPINDLE	TB1ADEB-4B	2	TB1ADEB-4B	2
10.2	COVER w/HINGES	TB2MH-CUS999-1216	1	TB2MH-CUS999-1216	1
10.3	<b>APPLICATION MANIFOLD ASSEMBLY</b>	TB2M-CUS999-1216		TB2M-CUS999-1216	
-	HOLDER ( w/UNISTRUT AND CLAMP)	UN075175-TB2M		UN075175-TB2M	
-	CLAMP 1/2"	CHC050-SS	1	CHC050-SS	1
10.51	<b>ROLLER GUIDE SET</b> (PUSH BAR)	TB1ADC	1	TB1BDC	1
10.52	Roller I (Dia. 3"x3"LG)	TB1ADC1-0209	1	TB1ADC1-0209	1
-	Collars 3/4"O.D. x 1-1/4"O.D. x 7/8W	VD3L-34x125	2	VD3L-34x125	2
10.53	Shaft ( Dia. 3/4"x14-1/2"LG)Bumper Front, 10"LG	TB1ADC4-0209	1	TB1BDC4-0209	1
10.54	<b>ENTRANCE COVER (FRONT)</b>	TB2AD2	1	TB2BD2	1
10.56	<b>DRIVE SHAFT</b> Ø 1-1/4"x6"LG	TB2AD2-0809-EL	1	TB2BD2-0809-EL	1
-	(4-Bolt Design):	TB1AD1-4B	2	TB1AD1-4B	2
-	SOCKET HEAD CAP SCREW (w/flat head)				
-	3/8-16x1"LG	SHCS3816100F	8	SHCS3816100F	8
10.61	BRUSH SUPPORT FRAME ASSEMBLY:	TB2AD-4B-0810-EL	1	TB2AD-4B-0810-EL	1
10.62	<b>ELECTRIC MOTOR:</b> Displacement 11.9	GRMTR1-5HP-75-230-460	1	GRMTR1-5HP-75-230-460	1
-	<b>BRUSH SUPPORT FRAME-</b> (RACK)	TB2ADA-4B-0810-EL	1	TB2ADA-4B-0810-EL	1
-	- FRAME	TB2ADAA-4B-0810-EL	1	TB2ADAA-4B-0810-EL	1
-	- ADJUSTABLE PUSH BAR	TB2ADABA-4B-0810	1	TB2ADABA-4B-0810	1
10.64	MOTOR GUARD	TB2AD3A-2636	1	TB2BD3A-2636	1
10.68	<b>EXIT COVER</b> (REAR)	TB2AD3-0809-EL	1	TB2BD3-0809-EL	1
-	CARRIAGE BOLT 3/8"-16x1-1/4"LG	CBS3816125	4	CBS3816125	4
-	HEX NUT 3/8"	HN3816	4	HN3816	4
10.7	<b>TAPPED BASE BEARING</b> 1-14"	TB1ADDA	2	TB1ADDA	2
-	Screw Fastener Set for Bearing:	-	4	-	4
-	Hex Head Cap Screw 7/16"-14x3/4"LG	HHCS71614075	4	HHCS71614075	4
-	Split Lock Washer 7/16"	SLW716	4	SLW716	4
-	<b>AIR PUMPING STATION</b> w/2 FLOJET		APS1-2F		1
-	FLOJET PUMP		APS1F		2
-	BRUSH SHAFT ASSEMBLY:		SW8K-EL		2
6.1	MOTOR MOUNT		SW8KA-EL		2
-	Square Head Screw 1/2"-13x1 1/2"lg.		SQHS1213150		8
-	Motor Retaining Screw:		-		-
-	Hex Head Cap Screw 3/8"-16x3/4"lg.		HHCS3816075		8
-	Nylon Lock Nut 3/8"-16w		NLN3816		16
6.2	Electric Motor, displacement 2.8 [cu.in./rev.]		GRMTR1-5HP-81-230-460		2
-	Fitting 90° Elbow 1/2"NPTMx1/2"JIC		SAE070202-8-8		4
-	Torque Plate		WA1K1		2
-	Hex Head Cap Screw 3/8"-16x3/4"lg. (motor's fastener)		HHCS3816075		-
6.5	4-bolt Bearing 1 1/2"		WA1KCB		-
6.4	Brush Shaft 1 1/2"x10-1/2"lg.		WA5KB-9		4
-	Screw Fastener Set 1/2" (for bearing):		-		2
-	Hex Head Cap Screw 1/2"-13x1 3/4"lg.		HHCS1213175		8
-	Flat Washer 1/2"ID.x1"O.D.		FW12100		8
-	Split Lock Washer 1/2"		SLW12		16
-	Hex Nut 1/2"-13		HN1213		8
					16



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ITEM	Description	PART No.	QTY.
2	CROSSBARS 2"x4"x7Ga x 43-3/8"LG. -Rectangular U-Bolts 1/2" w Washers and Hex Nuts 1/2"	FM1D	4
4.1	HEATERS	HT2	2
4.2	NOZZLES / ELBOWS -Screw Fastener Sets 3/8-16x1 1/4" LG.	J4005	2 16
4.4	MOUNTING BRACKETS (OUTER) MOUNTING BRACKETS (OUTER)	HT2A HT2B	2 2
4.5	MOUNTING BRACKETS (INNER) MOUNTING BRACKETS (INNER)	HT21 HT22	2 2
7	<b>BRUSH ASSEMBLY</b> (design:5" core, 72" Lg)	WA1M-5/10x72	1

