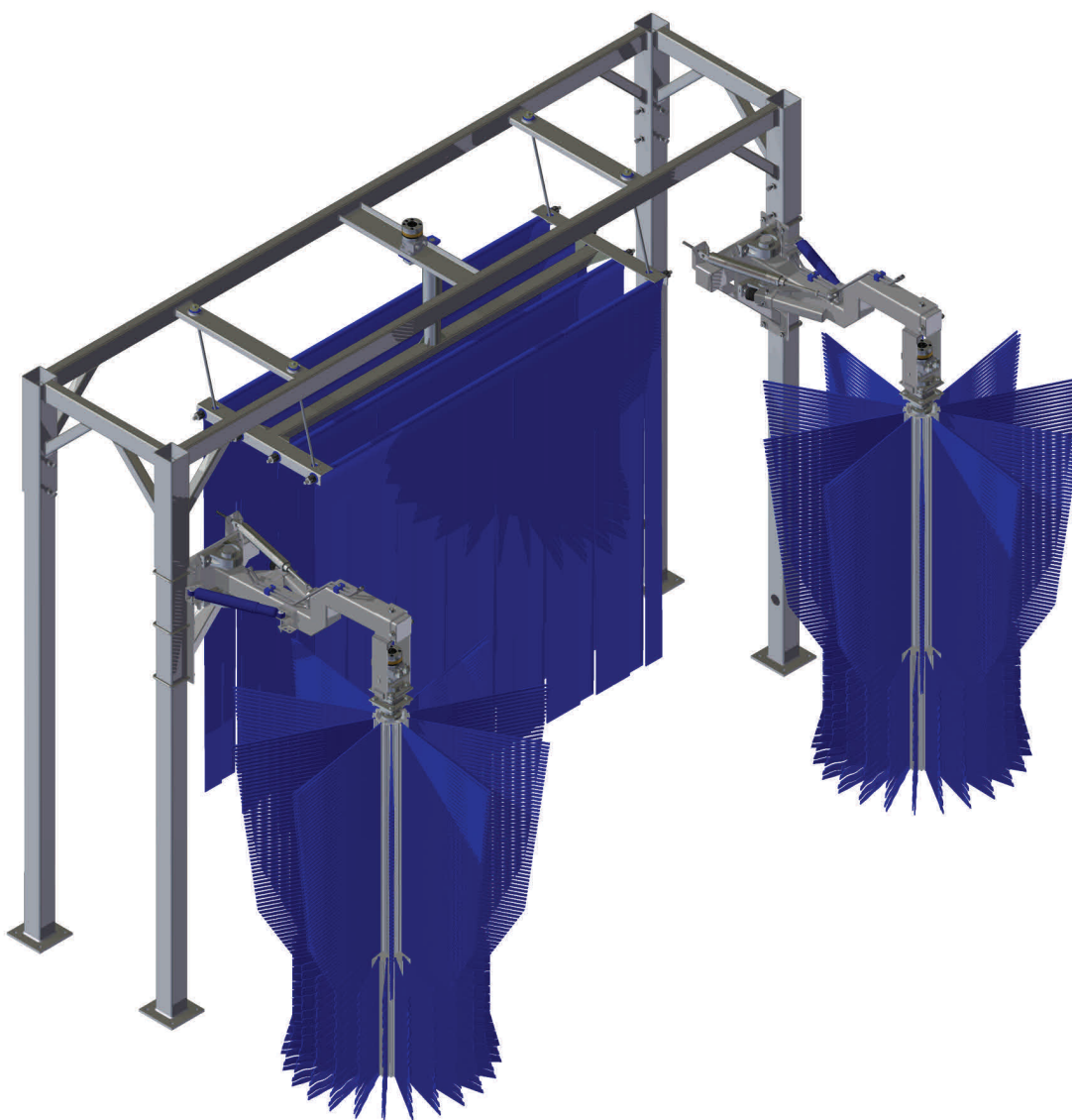


SIDE WASHER w/ MINI MITTER COMBO, Model SCM5

The AVW Side Brush Mitter Combo is the best side brush and the best Mitter combined in one unit.

Ideal for space savings in short tunnels and clean appearance desired in longer tunnels.

The aggressive coverage of the mitter combined with the side cleaning of the side brush in a unique and simple unit.



SIDE WASHER w/ MINI MITTER COMBO, Model SCM5

SPACE REQUIREMENT

Hydraulic Motors for basket drive:

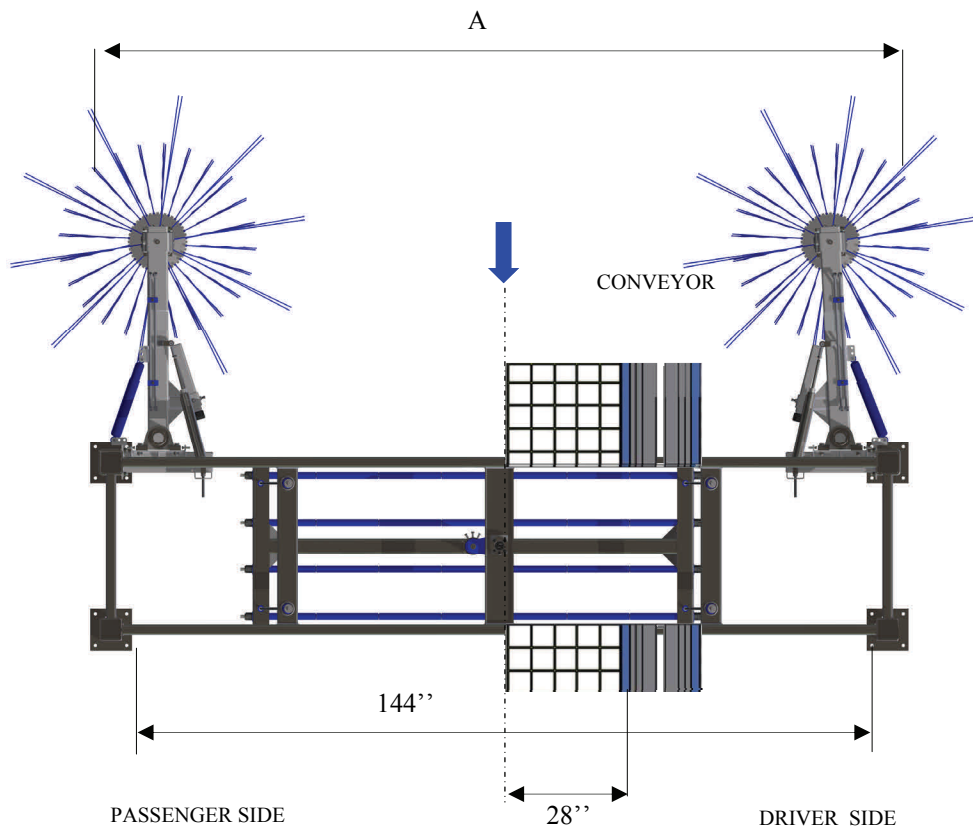
Displacement 11.9 cu.in./rev

(3.1GPM at 60 RPM)

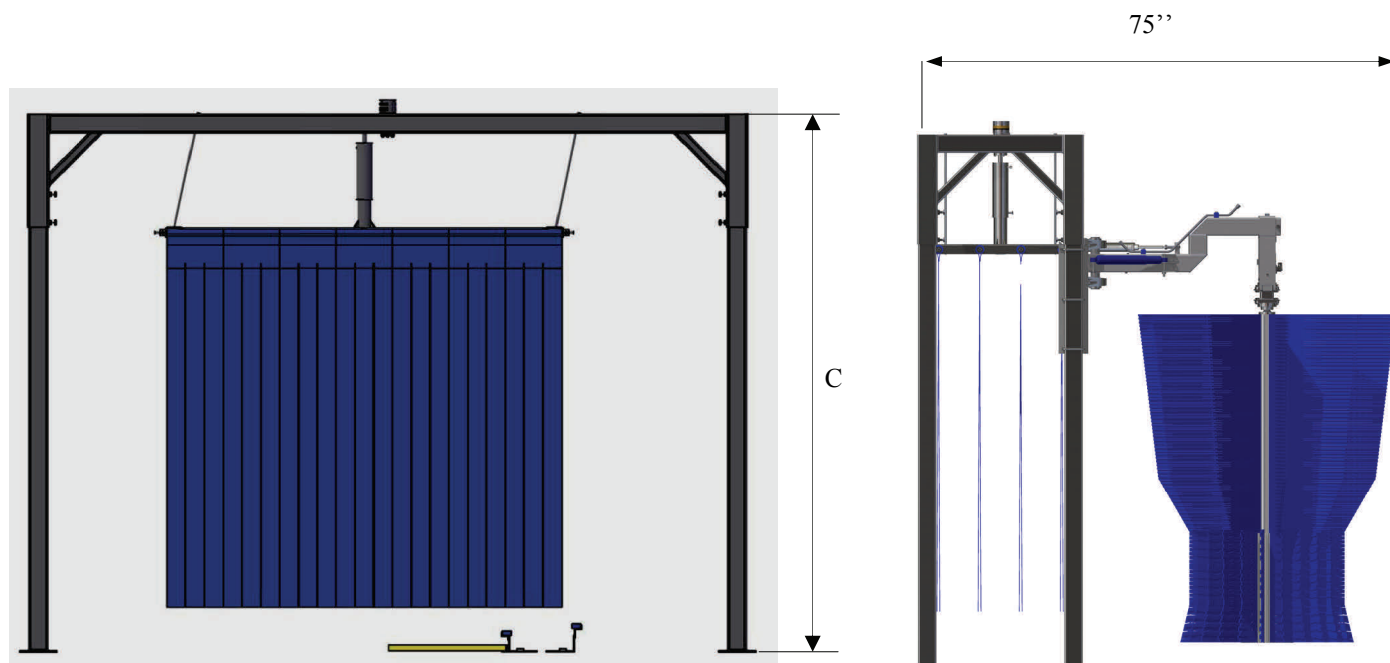
(RPM is adjustable)

Water: 1/2" NPT Outlet

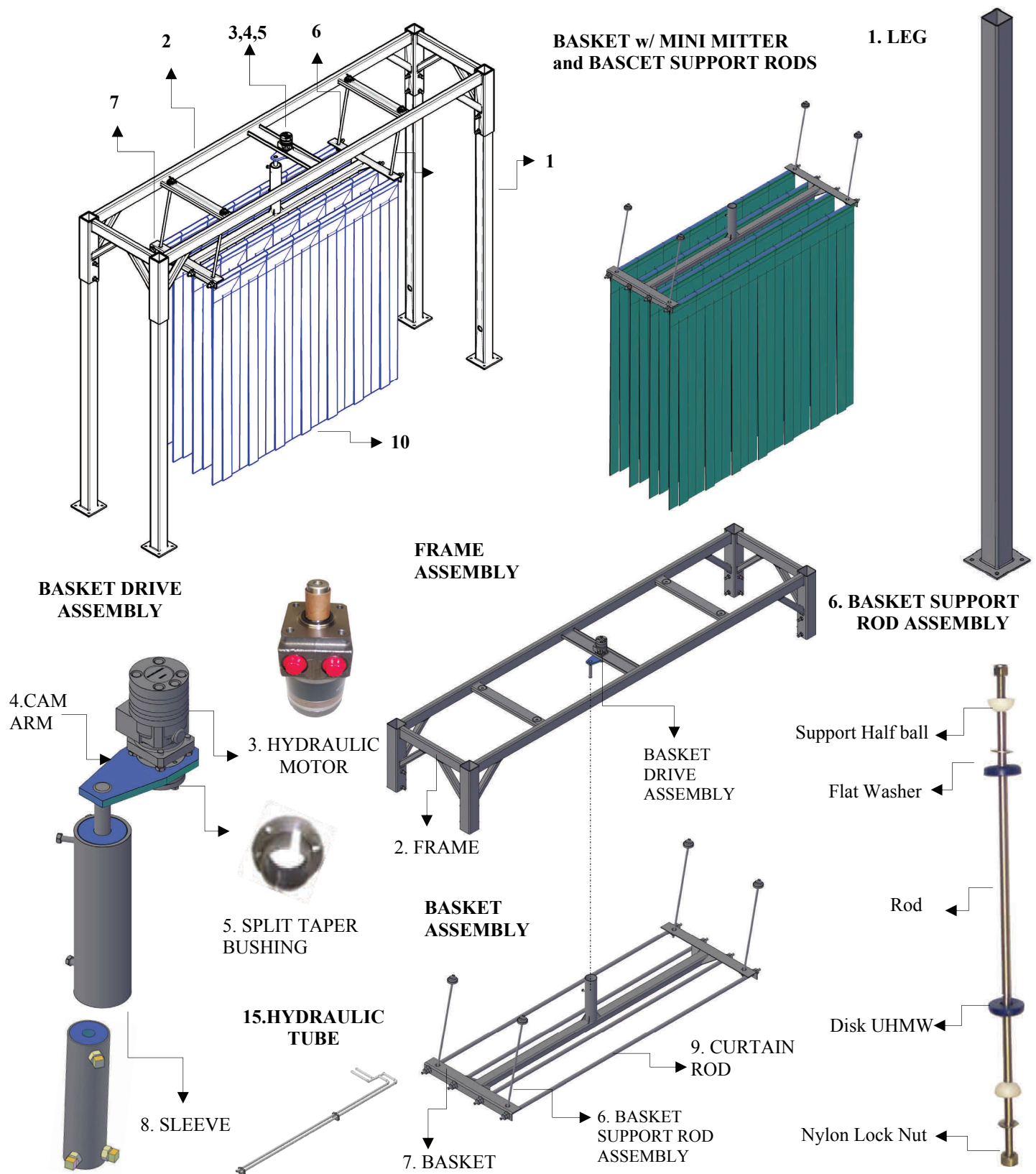
Tunnel Center Line 28" from inside
Conveyor or Rail



A — 156"
B — 75"
C — 114" adjustable

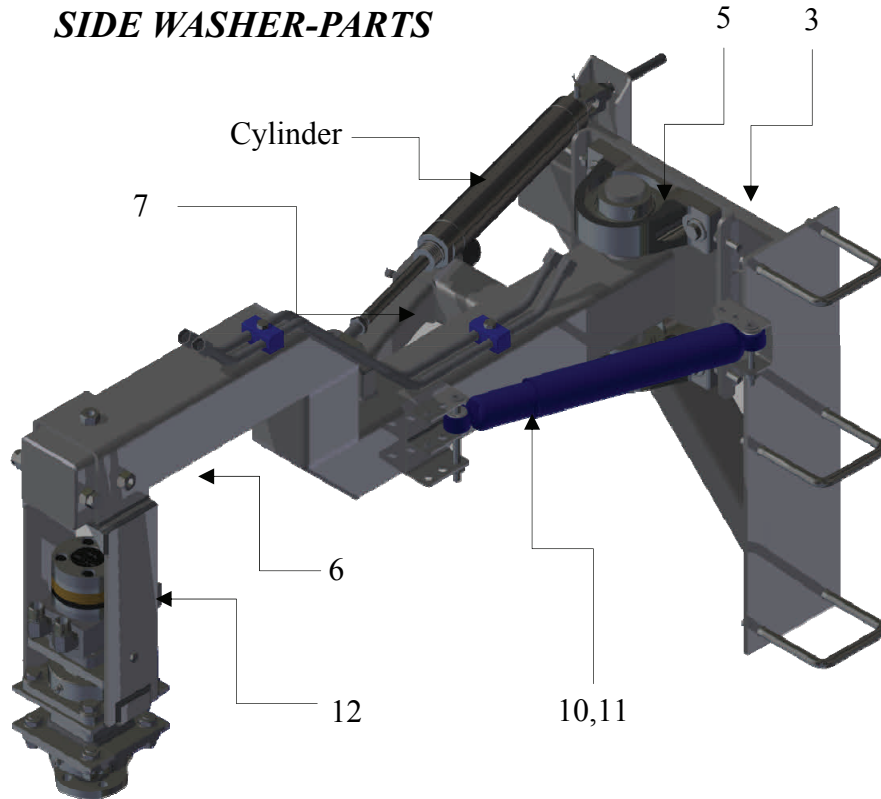


SIDE WASHER w/ MINI MITTER COMBO, Model SCM5



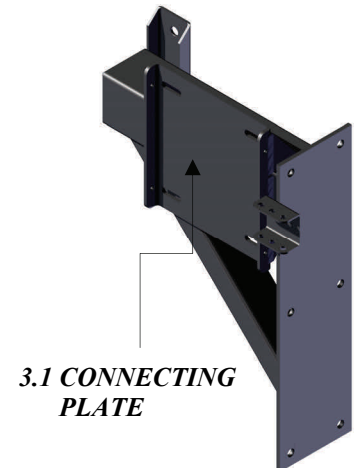
SIDE WASHER , Model SW2

SIDE WASHER-PARTS



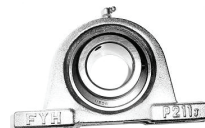
DRIVER SIDE

3. DRIVER SIDE-ARM MOUNT

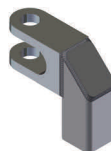


7. Rubber Stop Assembly

5.Pillow Block Blocks 2"



Bracket for Retract Kit



Cylinder -w/Pins, Collars and Rear Mounts-Optional

10. SHOCK ABSORBERS w/PINS & COLLARS 3/8"



AIR CONTROL PANEL



16. Brushes

HYDRAULIC HOSES w/Male and Female Crimps and Fittings for Wrap Arms

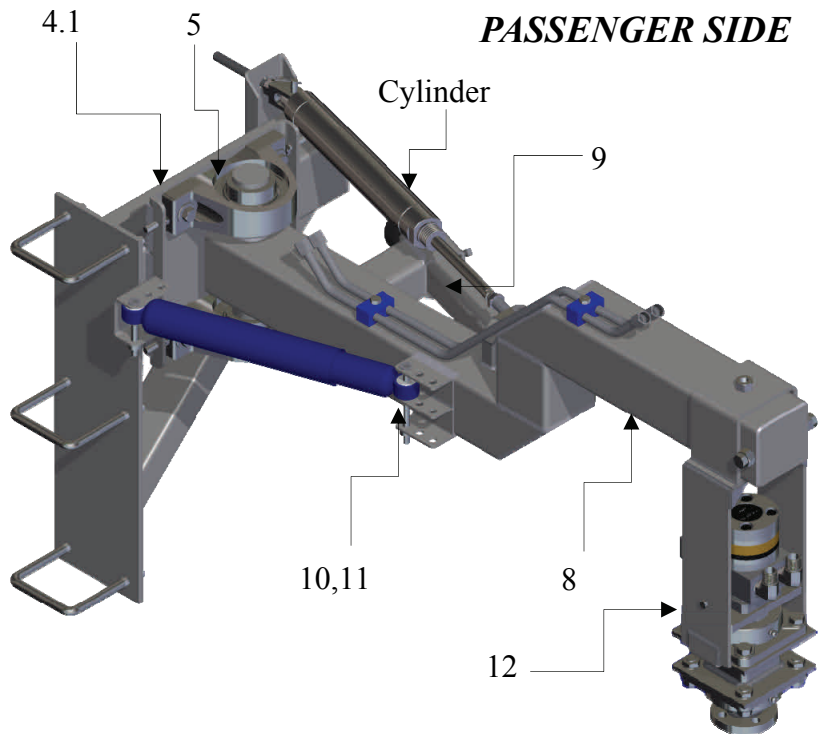
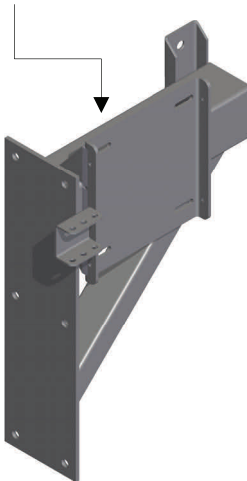


SIDE WASHER , Model SW2

SIDE WASHER-PARTS

4. PASSENGER SIDE-ARM

4.1 CONNECTING PLATE



5. Pillow Block Blocks 2"



7. Rubber Stop Assembly

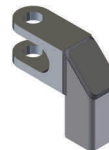


Cylinder -w/Pins, Collars and Rear Mounts-Optional

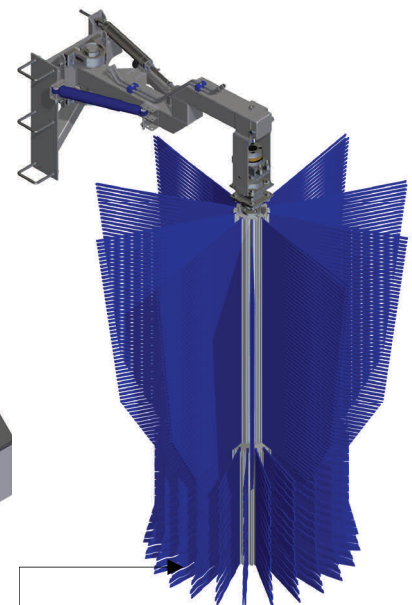
10. SHOCK ABSORBERS w/PINS & COLLARS 3/8"



Bracket for
Retract Kit



HYDRAULIC HOSES
w/Male and Female
Crimps and Fittings
for Wrap Arms



16.
Brushes



SIDE WASHER w/ MINI MITTER COMBO, Model SCM5

ITEM	Description	PART No.	QTY.
1	LEG	MC1A	4
- 2	FRAME ASSEMBLY: FRAME -Square Head Screw 1/2"-13x1 1/2"LG (for sleeves)	SCM5B MC2BA SQHS1213150	1 1 16
3 *3	ARM MOUNT ASSEMBLY—DRIVER SIDE: Arm Mount-Driver Side Connecting Plate -Screw Fastener Set 3/8" : -Hex Head Cap Screw 3/8"-16x1 1/4"LG -Split Lock Washer 3/8" -Hex Nut 3/8"-16 -Square Head Screw 1/2"-13x1 1/2" LG (for sleeves) -Hex Head Cap Screw 3/8-16x2"LG (fully threaded,for pillow block adjustment)	SW2B SW2BA SW2B1 - HHCS3816125 SLW38 HN3816 SQHS1213150 HHCS3816200F	1 1 1 10 10 10 10 2 4
4 *4	ARM MOUNT ASSEMBLY-PASSENGER SIDE: Arm Mount-Passenger Side Connecting Plate -Screw Fastener Set 3/8" : -Hex Head Cap Screw 3/8"-16x1 1/4"LG -Split Lock Washer 3/8" -Hex Nut 3/8"-16 -Square Head Screw 1/2"-13x1 1/2" LG (for sleeves) -Hex Head Cap Screw 3/8-16x2"LG (fully threaded, for bearing adjustment)	SW2C SW2CA SW2B1 - HHCS3816125 SLW38 HN3816 SQHS1213150 HHCS3816200	1 1 1 10 10 10 10 2 4
5	PILLOW BLOCK 2" -Screw fastener set 1/2" (for pillow block): -Hex head Cap Screw 1/2"-13x2 1/4"LG -Flat Washer 1/2" I.D.x 1 1/4" O.D. -Split Lock Washer 1/2" -Hex Nut 1/2"-13	WA1WB - HHCS12132 FW12125 SLW12 HN1213	4 8 8 16 8 8
6 7	DRIVER SIDE ARM ASSEMBLY: Driver Side Arm 42"LG -Bracket for Retract Kit (welded) Rubber Stop Arm Assembly: -Stop Arm -Rubber Bumper -Screw Fastener Set 3/8" (for bumper): -Hex Head Cap Screw 3/8"-16x1 1/4"LG -Flat Washer 3/8" I.D.x 7/8" O.D. -Hex Nut 3/8"-16 -Square Head Screw 3/8"-16x3/4"LG. (for stop adjustment) -Bolt through Top Arm	SW1D SW1DA WA1DAD WA1DB WA1DBA WA1DBB - HHCS3816125 FW38087 HN3816 SQHS3816075 SW1DC-0210	1 1 1 1 1 1 1 1 1 2 1



SIDE WASHER w/ MINI MITTER COMBO, Model SCM5

ITEM	Description	PART No.	QTY.
8	PASSENGER SIDE ARM ASSEMBLY: PASSENGER Side Arm 42"LG.	SW1E	1
9	-Bracket for Retract Kit (welded)	SW1EA	1
	Rubber Stop Arm Assembly:	WA1DAD	1
	-Stop Arm	WA1DB	1
	-Rubber Bumper	WA1DBA	1
	-Screw Fastener Set 3/8" (for bumper):	WA1DBB	1
	-Hex Head Cap Screw 3/8"-16x1 1/4"LG	-	1
	-Flat washer 3/8" I.D. x 7/8"O.D.	HHCS3816125	1
	-Hex Nut 3/8"-16	FW38087	1
	-Square Head Screw 3/8"-16x3/4"LG	HN3816	1
	(for stop adjustment)	SQHS3816075	2
	-Bolt through Top Arm	SW1DC-0210	1
10	SHOCK ABSORBER ASSEMBLY:	WA1FA	2
	-Shock Absorber	WA1FAA	2
11	-UHMW BUSHING 3/8" I.D.	WA1FA1	4
	PIN 3/8"x3"LG.	TB1AEA	4
	-Collar 3/8"	WA1FC	4
12	BRUSH SHAFT ASSEMBLY:	SW2K	2
	Motor Mount	SW5KA	2
	-Square Head Screw 1/2"-13x1 1/2"LG.	SQHS1213150	4
	-Motor Retaining Screw:	-	4
	-Hex Head Cap Screw 3/8"-16x3/4"LG	HHCS3816075	4
	-Nylon Lock Nut 3/8"-16w	NLN3816	4
13	Hydraulic Motor, displacement 11.9{cu.in./rev.}	WA1KM	4
	-Fitting 90 elbow 1/2"NPTM x 1/2" JIC	SAE070202-8-8	2
	-Torque Plate	WA1K1	4
	-Hex Head Cap Screw 3/8"-16x3/4"LG.	HHCS3816075	2
	(motor's fastener)		8
14	Brush Shaft 1 1/2"x10 1/2"LG.	WA5KB	2
15	4-bolt Bearing 1 1/2"	WA1KCB	4
	-Screw Fastener Set 1/2"(for bearing):	-	16
	-Hex Head Cap Screw 1/2"-13x1 3/4"LG	HHCS1213175	16
	-Flat Washer 1/2" I.D. x 1"O.D.	FW12100	16
	-Split Lock Washer 1/2"	SLW12	16
	-Hex Nut 1/2"-13	HN1213	16
16	BRUSH ASSEMBLY	SW1M-5X72	2
	HYDRAULIC & WATER INSTALLATION:	SW1L	1set
	-Side Water Manifold Assembly:	WA1LA	2
	-Water Manifold	WA1LAA	2
	(tubing 1" O.D.x34"LG, w/5 water outlets)		
	-Hollow Hex Plug 1/2" NPTM	SAE140109P-8	2
	-Barb 1/2" x 1/2" NPTM	BRBPP050X050	2
	-Nozzle 1/4" NPTM	NZ1-4	10
	-Water Hose 1/2" I.D.	-	
	(braid reinforced polyurethane tubing)	PPP3-4	4
	-Pipe Clamp 3/4",for water hose and side water manifolds	-	
	(w/screw fastener 1/4")		



SIDE WASHER w/ MINI MITTER COMBO, Model SCM5

ITEM	Description	PART No.	QTY.
	-HYDRAULIC TUBE ASSEMBLY: -Hydraulic Tubes 1/2" O.D.x W.035 stainless steel -Tube Support Sleeves 1/2" JIC -Nuts 1/2" JIC -HYDRAULIC HOSE ASSEMBLY: -Hydraulic Hose 3/8" I.D. x 34"LG.,thermoplastic -Crimp Fitting SAE 37 JIC Swivel (female) -Crimp Fitting SAE 37 JIC Male Flare -Damping Clamp 1/2",for Hydraulic Tubes (w/Screw Fasteners 1/4")	- - SAE070115-8 SAE070110-8 WA1LB SAE100R7-08X34 FC5810-0806 FC5807-0806 DMP12	 8 8 4 12 4
17	-BASKET DRIVE ASSEMBLY: Hydraulic Motor,displacement 11.9{cu.in./rev.} Parker TB0195FP100AAAB	MC2BB-1104 WA1KM	1 1
18	Fitting Straight 1/2" NPTMx 1/2"JIC	SAE070101-8-8	2
19	Cam Arm (w/welded weld-on hub) -Split Taper Bushing P1 1" -Hex Head Cap Screw 3/8" -16x3/4" LG. (motor's fastener)	MC2BBA-P1 10106 STB-P1X100 HHCS3816075	1 1 4
20	BASKET SUPPORT ROD ASSEMBLY: Basket Support Rod 1/2"x29"LG	MC1C MC1C1	4 4
21	Basket Support Disk UHMW	MC1C2	8
22	Basket Support Halfball	MC1C3	8
23	Flat Washer 1/2"I.D.x 1 1/4"O.D.	FW12125	8
24	Nylon Lock Nut 1/2"-13	NLN 1213	8
25	BASKET ASSEMBLY: Basket Frame 7' -Sleeve Assembly:	MC2D MC2DA MC1DB	1 1 1
26	Sleeve	MC1DB1	1
27	UHMW Bushing 1" I.D. -Square Head Screw 3/8"-16x3/4"LG -Hex Nut 3/8"-16 CURTAIN ROD ASSEMBLY:	MC1DB2 SQHS3816075 HN3816 MC2DC	1 3 3 6
28	Curtain Rod 88"LG	MC2DCA	6
29	Plastic Spacer 3/4"I.D.x2"O.D.x1/8"width	MC1DC2-3-4x2x1-8	12
30	Plastic Hex Nut 3/4"-10	PLHN3410	24
31	CURTAIN (CLOTH)	MC1E	42
	HYDRAULIC & WATER INSTALLATION: -Straight Top water Manifold Assembly: -Top Manifold (tubing 1" O.D. x 34"LG w/5 water outlets) -Hollow Hex Plug 1/2" NPTM -Barb 1/2"x1/2" NPTM -Nozzle 1/4" NPTM -Pipe Claim 3/4",for Top Water Manifold (w/screw fasteners 1/4"-20) HYDRAULIC TUBE ASSEMBLY: -Hydraulic Tubes 1/2"O.D.x W.035" Stainless Steel, TP304/TP304L ASTM A269 -Tube Support Sleeves 1/2" JIC -Nuts 1/2" JIC -Damping Clamp 1/2", for Hydraulic Tubes (w/ screw fasteners 1/4"-20)	MC2L WA1LA WA1LAA SAE140109P-8 BRBPP050X050 NZ1-4 PPP3-4 - - SAE010115-8 SAE070110-8 DMP12	 2 2 2 2 10 4 4 4 8 8 10



SIDE WASHER w/ MINI MITTER COMBO, Model SCM5

ITEM	DESCRIPTION	PART No.	Qty.
1	LEG	MC1A	4
-	FRAME ASSEMBLY:	MM5B-7	1
2	FRAME	MC2BA-7	1
	Square Head Screw ½" - 13 x 1 ½" lg. (for sleeves)	SQHS1213150	16
	-Hex Head Screw 3/8"-16x2" Lg	HHCS1213125	8
	(Fully threaded, for pillow block adjusted)		
-	BASKET DRIVE ASSEMBLY:	MC2BB-1104	1
3	Hydraulic Motor, displacement 11.9 [cu. in./rev.],	WA1KM	1
-	Straight Fitting ½" NPTM x ½" JIC	SAE070102-8-8	2
4	Cam Arm (w/welded weld-on hub)	MC2BBA-P1-0615	1
5	Split Taper Bushing P1 1"	STB-P1X100	1
-	Hex Head Cap Screw 3/8"-16 x ¾" lg. (motor's fastener)	HHCS3816075	4
6	BASKET SUPPORT ROD ASSEMBLY:	MC1C	4
-	Basket support Rod ½" x 27" lg.	MC1C1	4
-	Basket support Disk UHMW	MC1C2	8
-	Basket support Halfball	MC1C3	8
-	Flat Washer ½" I.D. x 1 ¼" O.D.	FW12125	8
-	Nylon Lock Nut ½"-13	NLN1213	8
-	BASKET ASSEMBLY:	MM5D-7	1
7	BASKET FRAME 7'	MM4DA-7	1
-	SLEEVE ASSEMBLY:	MC1DB	1
8	Sleeve	MC1DB1	1
-	UHMW Bushing 1" I.D.	MC1DB2	1
-	Square Head Screw 3/8"-16x ¾" lg.	SQHS3816075	3
-	Hex Nut 3/8"-16	HN3816	3
9	CURTAIN ROD ASSEMBLY:	MC2DC	4
-	Curtain Rod 7'4" lg.	MC2DCA	4
-	Plastic Spacer ¾" I.D.x2" O.D. x 1/8" width	MC1DC2-3-4x2x3-1-8	8
	Plastic Hex Nut ¾"-10	PLHN3410	16
10	CURTAIN (CLOTH)	MC1E	36
-	HYDRAULIC & WATER INSTALLATION:	MC2L	
-	TOP WATER MANIFOLD ASSEMBLY:	WA1LA	2
-	Top Water Manifold	WA1LAA	
	(straight, tubing 1" O.D. x 34" lg. w/5 water outlets)		2
-	Hex Head Plug ½" NPTM (white plastic)	SAE140109E-8	2
-	Barb 1/2"x ½" NPTM	BRBPP050X050	2
-	Nozzle ¼" NPTM	NZ1-4	10
-	Pipe Clamp ¾", for Water Manifold (w/screw fasteners ¼"-20)	PPP3-4	4
-	HYDRAULIC TUBE ASSEMBLY:	-	4
-	Hydraulic Tubes ½" O.D. x W.035" stainless steel	TUBE304WLD20GA050	4
-	Tube Support Sleeves ½" JIC	SAE010115-8	8
-	Nuts ½" J	SAE070110-8	8
-	Damping clamp ½", for hydraulic tubes (w/screw fasteners ¼"-20)	DMP12	10

