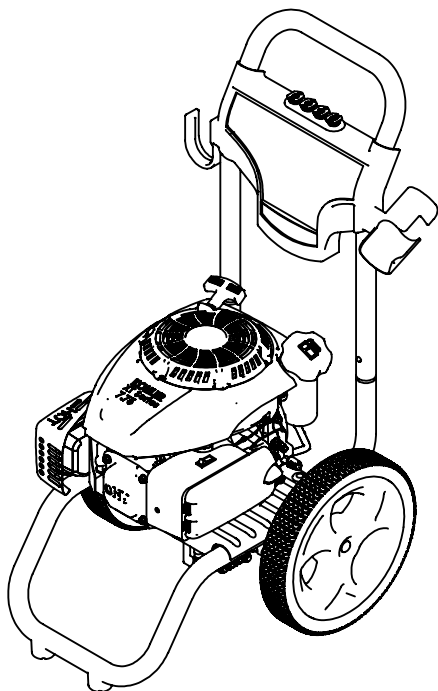


ITEM	PART NO	DESCRIPTION	QTY.
1	7106225	FRAME, 2013 BASE ASSY BLACK MSV3024 STUB	1
2	7107967	HANDLE, SERVICE ASSEMBLY WITH LABELS	1
†	2.1	HANDLE, TUBE F/BLACK (MSV3024) 18 GA.	1
†	2.2	7108162 BONNET SERVICE ASSEMBLY, WITH LABELS	1
†	2.3	SCREW, 1/4-20 PHILLIPS PAN HEAD ZINC PLATED	2
	3	7107968 ENGINE KIT, ENGINE W/ LABELS & SHAFT KEY	1
	4	7104174 KEY, SHAFT 3/16" x 3/16" x 1 1/4"	1
†	5	7107969 PUMP SERVICE ASSEMBLY, MSVK2723	1
†	5.1	510011 PUMP, 2700 @ 2.3 LONG EXT. AL HEAD W/O P/B	1
†	5.2	CAP, UNLOADER CAP, BLACK	1
†	5.3	SCREW, 3/8 TAPTITE 2000SP	1
†	5.4	BOLT, FLANGE 5/16"-18	2
†	5.5	NUT, WHIZ 5/16"-18	2
	6	7105467 WHEEL, SVC KIT 12" BLACK W/AXLE,CLIP,WASHER	2
†	6.1	POWERWASHER WHEEL 12"X2" POLYPRO/PVC BLK	1
†	6.2	WASHER, 1/2" FLAT SAE THROUGH HARDENED	1
†	6.3	CLIP, E-TYPE .500" x .042" 1074 STEEL ZINC	1
†	6.4	AXLE, STUB, ROUND HEAD	1
	7	7105468 FOOT SERVICE KIT, RUBBER FOOT AND SCREW	2
†	7.1	FOOT, RUBBER 1.50D FITTED TO 1.25 TUBE	1
†	7.2	SCREW, TORX PANHEAD 1/4"	1
	8	7102122 BUTTON, SNAP	2
	9	7107970 ENGINE MOUNT HARDWARE KIT, MSVK2723	1
†	9.1	NUT, WHIZ 5/16"-18	2
†	9.2	SCREW, 3/8 TAPTITE 2000SP	1
†	9.3	BOLT, FLANGE 5/16"-18	2
	10	7100389 GROMMET, 7/16" ID	1
	11	7107755 NOZZLE, #2.6 (SET) 15°, 25°, 40°, W/SOAP	1
*	12	7107732 BOX, SHIPPING (MSV2327-K)	1
*	13	7102045 TOOL, NOZZLE CLEANING, UNIVERSAL	1
	14	7103550 LANCE, 16" W/ 1/4" QC-F x M22(M)	1
	15	7104847 GUN,3000PSI M22(M) INLET X M22(F) OUTLET	1
	16	7106419 HOSE, MORFLEX 1/4" x 25' x 3100PSI M22(M) x M22(F)	1
*	17	7107733 MANUAL, OPERATOR'S (MSVK2723)	1
	18	7102207 SOAP HOSE AND FILTER KIT	1

\* NOT SHOWN  
† NOT SOLD SEPERATLY

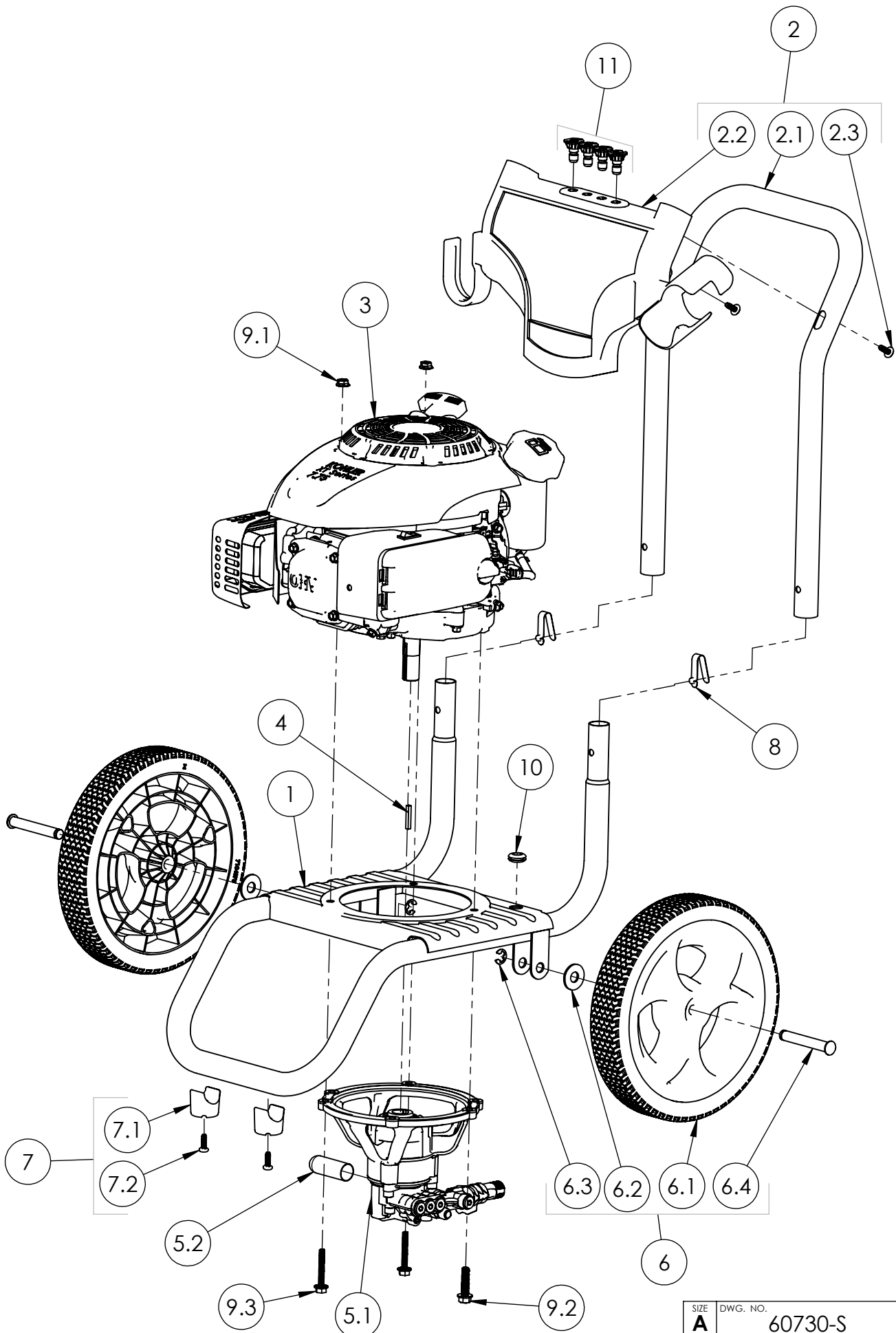


PUMP IDENTIFICATION TABLE			
MACHINE SERIAL NO.	PUMP TYPE	PUMP KIT NO.	PUMP PART NO.
749685 TO PRESENT	2700PSI@2.3GPM	7107969	510011

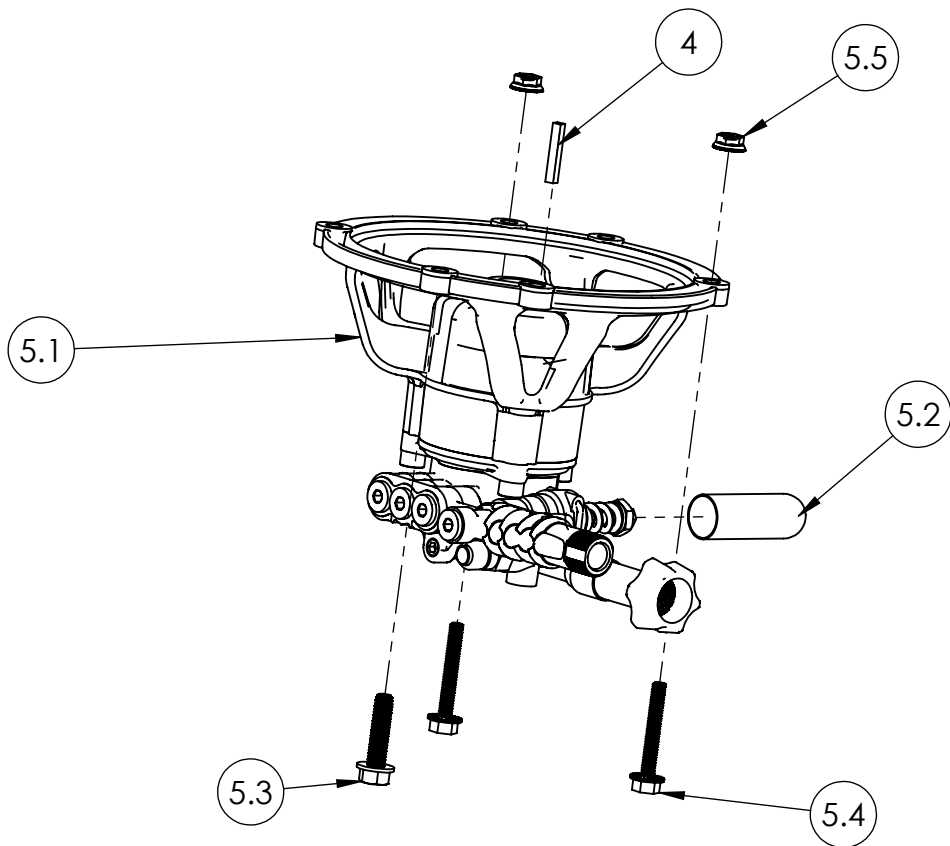
NAME			DATE	
DRAWN	GN		10/31/14	
CHECKED	MG		10/31/14	
ENG APPR.	-		-	
MFG APPR.	-		-	
Q.A. APPR.	-		-	
SERVICE APPR.	-		-	

<b>FNA-GROUP</b>			
1265 INDUSTRIAL STREET, DECATUR, AR 72722			
TITLE:			
<b>MSVK2723</b>			
SIZE	DWG. NO.		REV.
<b>A</b>	<b>60730-S</b>		<b>A</b>
SCALE:	N/A	ECN# DC14-0205	SHEET 1 OF 8

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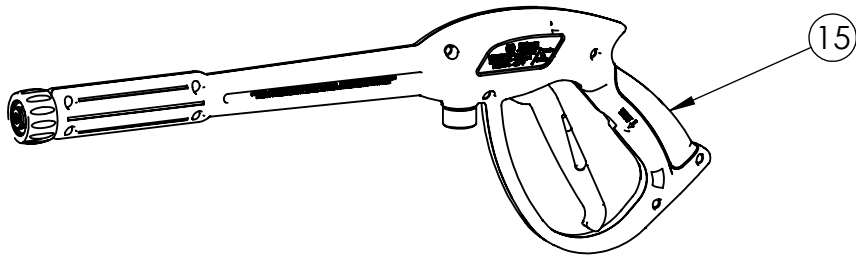


SIZE	DWG. NO.	REV.
<b>A</b>	<b>60730-S</b>	<b>A</b>
SCALE: N/A	ECN# DC14-0205	SHEET 2 OF 8

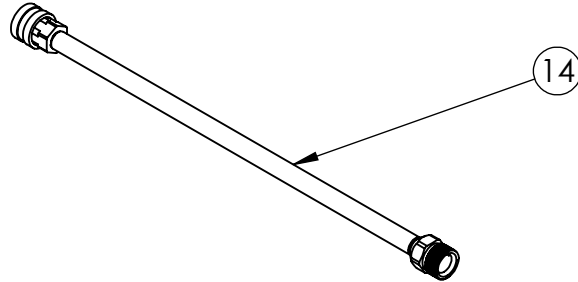


PUMP SERVICE ASSY, MSVK2723  
PART NO. 7107969

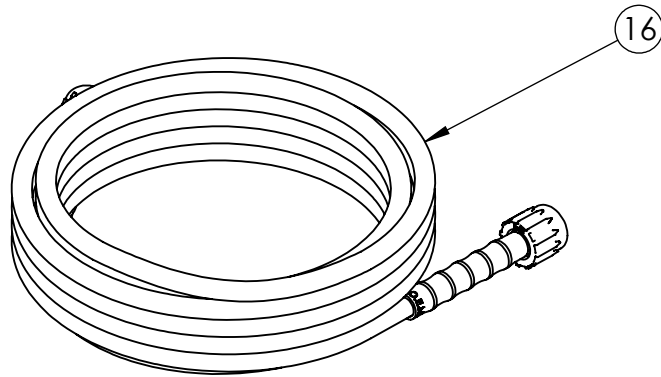
ITEM	PART NO	DESCRIPTION	QTY.
5.1	510011	PUMP, 2700 @ 2.3 LONG EXT. AL HEAD W/O P/B	1
5.2		CAP, UNLOADER CAP, BLACK	1
5.3		SCREW, 3/8 TAPTITE 2000SP	1
5.4		BOLT, FLANGE 5/16"-18	2
5.5		NUT, WHIZ 5/16"-18	2
4	7104174	KEY, SHAFT 3/16" x 3/16" x 1 1/4"	1



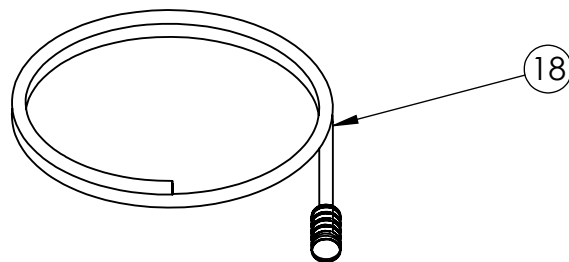
GUN, 3000PSI M22(M) INLET X M22(F) OUTLET  
PART NO. 7104847



LANCE, 16" W/ 1/4" QC-F X M22(M)  
PART NO. 7103550

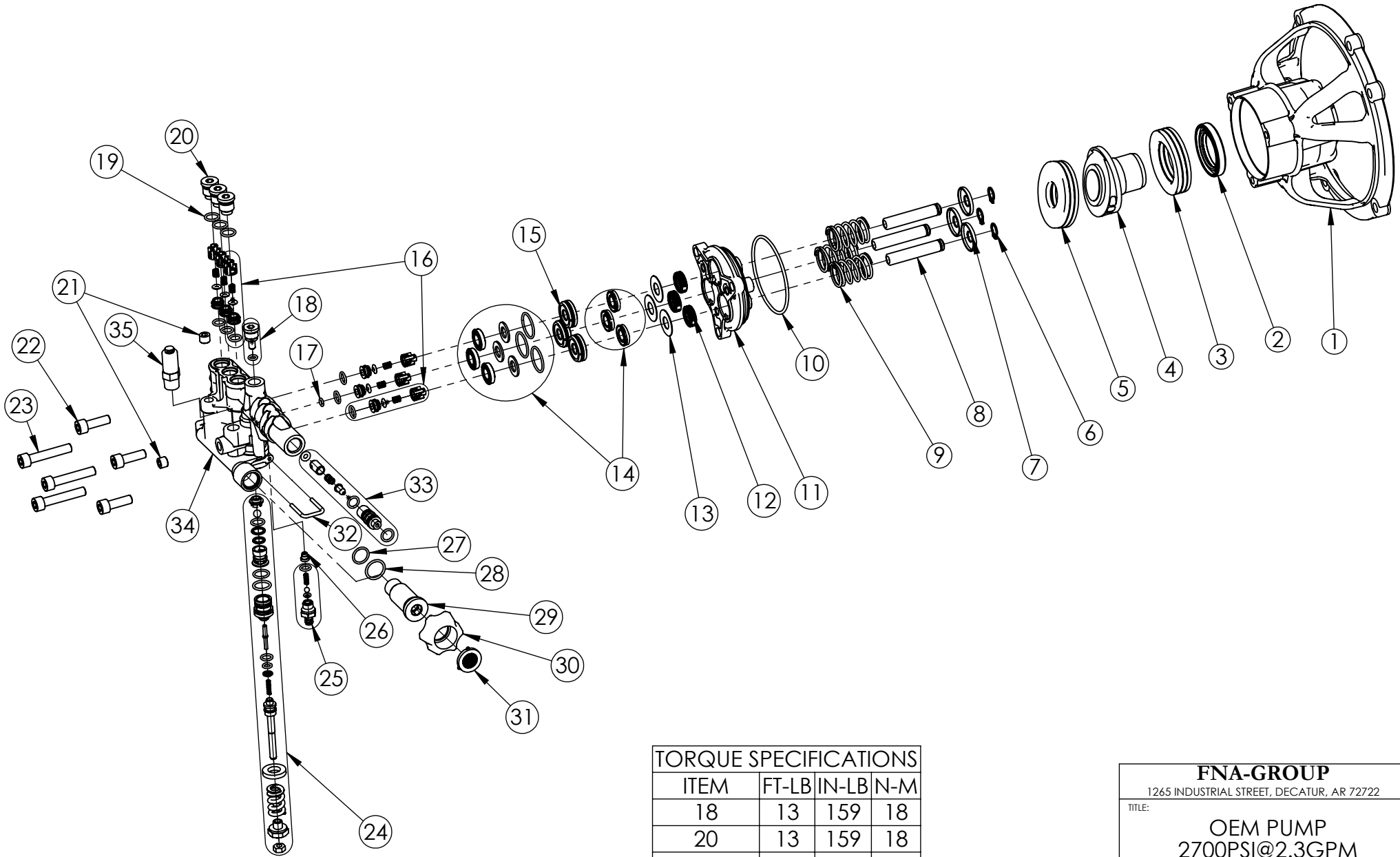


HOSE, MORFLEX 1/4" X 25' X 3100PSI M22(M) X M22(F)  
PART NO. 7106419



SOAP HOSE AND FILTER KIT  
PART NO. 7102207

SIZE <b>A</b>	DWG. NO. <b>60730-S</b>	REV. <b>A</b>
SCALE: N/A	ECN# DC14-0205	SHEET 4 OF 8



**TORQUE SPECIFICATIONS**

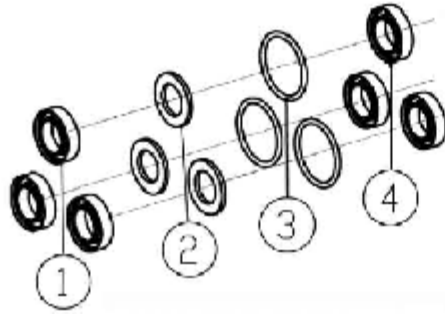
ITEM	FT-LB	IN-LB	N-M
18	13	159	18
20	13	159	18
22	16	195	22
23	18	221	25
25	10	115	13
29	13	159	18

<b>FNA-GROUP</b>		
1265 INDUSTRIAL STREET, DECATUR, AR 72722		
TITLE:		
OEM PUMP 2700PSI@2.3GPM VERTICAL NO POWER BOOST		
SIZE	DWG. NO.	REV.
<b>A</b>	60730-S	<b>A</b>
SCALE: N/A	ECN# DC14-0205	SHEET 5 OF 8



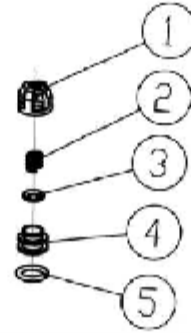
12 PART NO. 7106662

OIL SEAL KIT		
ITEM	QTY	DESCRIPTION
1	3	SEAL, OIL



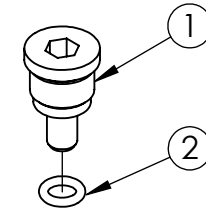
14 PART NO. 7106664

WATER SEAL KIT		
ITEM	QTY	DESCRIPTION
1	3	HIGH PRESSURE SEAL
2	3	BACK RING
3	3	O-RING
4	3	LOW PRESSURE SEAL



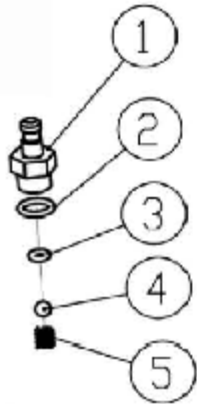
16 PART NO. 7104223

VALVE KIT		
ITEM	QTY	DESCRIPTION
1	6	VALVE CASE
2	6	SPRING
3	6	VALVE PLATE
4	6	VALVE SEAT
5	6	O-RING



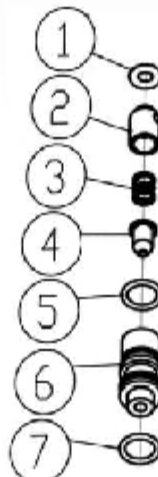
18 PART NO. 7108157

BOOST PLUG KIT		
ITEM	QTY	DESCRIPTION
1	1	BOOST PLUG
2	1	O-RING



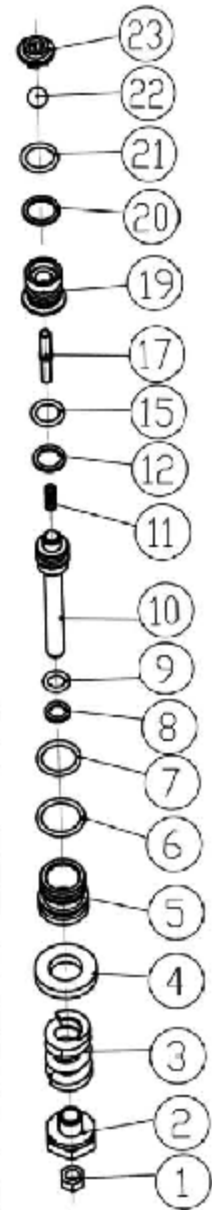
25 PART NO. 7104228

SOAP INJECTOR KIT		
ITEM	QTY	DESCRIPTION
1	1	HOSE BARB
2	1	O-RING
3	1	O-RING
4	1	STEEL BALL
5	1	SPRING



33 PART NO. 7106630

VENTURI TUBE KIT		
ITEM	QTY	DESCRIPTION
1	1	O-RING
2	1	CHECK VALVE CORE
3	1	CHECK VALVE SPRING
4	1	NOZZLE
5	1	O-RING
6	1	VENTURI TUBE
7	1	O-RING



24 PART NO. 7104226

UNLOADER KIT		
ITEM	QTY	DESCRIPTION
1	1	NUT
2	1	ADJUSTING NUT
3	1	SPRING
4	1	SEATING RING
5	1	VALVE SHEATH
6	1	O-RING
7	1	O-RING
8	1	CHECKING RING
9	1	O-RING
10	1	VALVE POLE
11	1	SPRING
12	1	CHECKING RING
15	1	O-RING
17	1	PIN
19	1	UPPER SEAT
20	1	CHECKING RING
21	1	O-RING
22	1	STEEL BALL
23	1	BACK SEAT

# 510011 PUMP DRAWING PARTS LIST

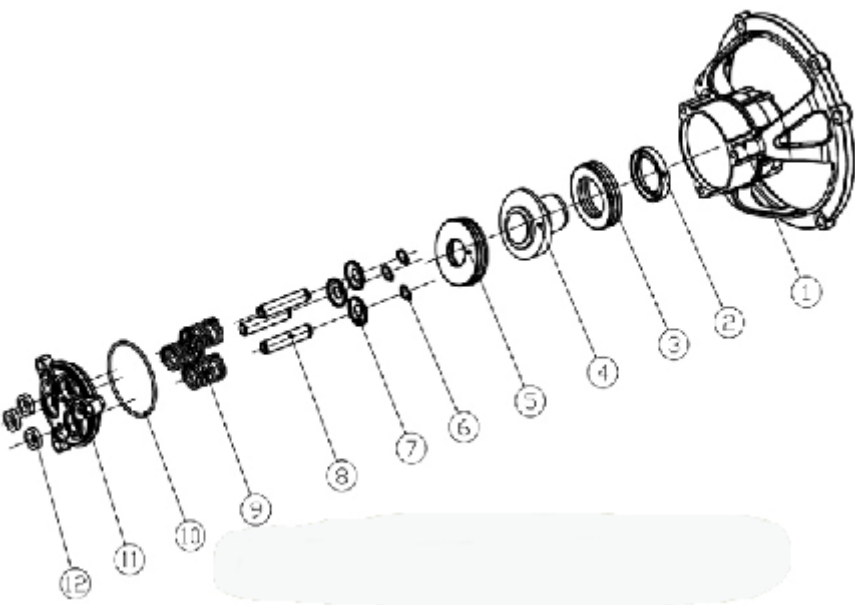
ITEM	MAS500	PARTS NAME	QTY PER PUMP	COMMENT
1	7106631	Case	1	
2	7106632	Oil Seal	1	
3	7106633	Thrusting Bearing 2	1	
4	7106634	Wobble Plate	1	
5	7106635	Thrusting Bearing 1	1	
6	7106629	Clip	3	
7	7106657	Spring Base	3	
8	7106658	Plunger	3	
9	7106639	Spring, Plunger	3	
10	7106640	O-Ring, Plunger Base	1	
11	7106661	Base, Plunger	1	
12	7106662	Oil Seal	3	Oil Seal Kit
13	7106663	Back ring	3	
14	7106664	High Pressure Water Seal	3	Water Seal Kit
		Back Ring		
		O-Ring		
		Low Pressure Water Seal		
15	7106665	Back Ring	3	
16	7104223	Valve Case	6	Valve Kit (INLET AND OUTLET)
		Spring		
		Valve Plate		
		Valve Seat		
		O-Ring		
17	7106644	O-Ring	1	
18	7108157	Boost Plug	1	Boost Plug Kit
		O-Ring		
19	7106645	O-Ring	3	
20	7106646	Plug	3	
21	7106647	Plug	2	
22	7106648	Screw	3	
23	7106649	Screw	3	

# 510011 PUMP DRAWING PARTS LIST

24	7104226	Nut	1	Unloader Kit
		Adjusting Nut		
		Spring		
		Seating Ring		
		Valve Sheath		
		O-Ring		
		O-Ring		
		Checking Ring		
		O-Ring		
		Valve Pole		
		Spring		
		Checking Ring		
		O-Ring		
		Pin		
		Upper Seat		
		25		
O-Ring				
O-Ring				
Steel Ball				
Spring				
26	7106650	Venturi Tube Back Ring	1	
27	7106651	O-Ring	1	
28	7106652	O-Ring	1	
29	7106653	Inlet Connector	1	
30	7106654	Nut	1	
31	7000123	Filter Gasket	1	
32	7106655	U-Pin	1	
33	7106630	O-Ring	1	Venturi Tube Kit
		Checking Valve Core		
		Checking Valve Spring		
		Nozzle		
		O-Ring		
		Venturi Tube		
O-Ring				
34	7106656	Pump Head	1	
35	7101359	Thermal Relief Valve	1	

**PUMP KIT, 510011 MANIFOLD**  
**PART NO. 7108158**  
**510011 PUMP DRAWING PARTS LIST**

ITEM	MAS500	PARTS NAME	QTY PER PUMP	COMMENT				
13	710663	Back ring	3					
14	710664	High Pressure Water Seal	3	Water Seal Kit				
		Back Ring						
		O-Ring						
		Low Pressure Water Seal						
15	710665	Back Ring	3					
16	7104223	Valve Case	6	Valve Kit (INLET AND OUTLET)				
		Spring						
		Valve Plate						
		Valve Seat						
		O-Ring						
17	7106644	O-Ring	1					
18	7108157	Boost Plug	1	Boost Plug Kit				
		O-Ring						
19	7106645	O-Ring	3					
20	7106646	Plug	3					
21	7106647	Plug	2					
22	7106648	Screw	3					
23	7106649	Screw	3					
24	7104226	Nut	1	Unloader Kit				
		Adjusting Nut						
		Spring						
		Seating Ring						
		Valve Sheath						
		O-Ring						
		Checking Ring						
		O-Ring						
		Valve Pole						
		Spring						
		Checking Ring						
		O-Ring						
		Pin						
		Upper Seat						
		Checking Ring						
		O-Ring						
		Steel Ball						
		Back Seat						
		25			7104228	Nozzle	1	Soap Injector Kit
						O-Ring		
O-Ring								
Steel Ball								
Spring								
26	7106650	Venturi Tube Back Ring	1					
27	7106651	O-Ring	1					
28	7106652	O-Ring	1					
29	7106653	Inlet Connector	1					
30	7106654	Nut	1					
31	7000123	Filter Gasket	1					
32	7106655	U-Pin	1					
33	7106630	O-Ring	1	Venturi Tube Kit				
		Checking Valve Core						
		Checking Valve Spring						
		Nozzle						
		O-Ring						
		Venturi Tube						
34	7106656	Pump Head	1					
35	7101359	Thermal Relief Valve	1					



**PUMP KIT, 510001/510011 CRANKCASE**  
**PART NO. 7107339**

**510001/510011 PUMP DRAWING PARTS LIST**

ITEM	MAS500	PARTS NAME	QTY PER PUMP	COMMENT
1	7106631	Case	1	
2	7106632	Oil Seal	1	
3	7106633	Thrusting Bearing 2	1	
4	7106634	Wobble Plate	1	
5	7106635	Thrusting Bearing 1	1	
6	7106629	Clip	3	
7	7106657	Spring Base	3	
8	7106658	Plunger	3	
9	7106639	Spring, Plunger	3	
10	7106640	O-Ring, Plunger Base	1	
11	7106661	Base, Plunger	1	
12	7106662	Oil Seal	3	Oil Seal Kit

