

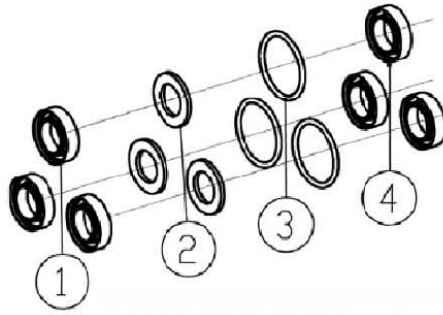
TORQUE SPECIFICATIONS			
ITEM	FT-LB	IN-LB	N-M
18	13	159	18
20	13	159	18
22	16	195	22
23	18	221	25
25	10	115	13
29	13	159	18

FNA-GROUP		
1265 INDUSTRIAL STREET, DECATUR, AR 72722		
TITLE:		
OEM PUMP 2700PSI@2.3GPM VERTICAL NO POWER BOOST		
SIZE	DWG. NO.	REV.
A	510011	A
SCALE: N/A	ECN# DC15-0041	SHEET 1 OF 4



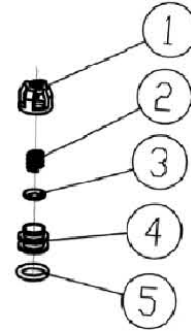
12 PART NO. 7106662

OIL SEAL KIT		
ITEM	QTY	DESCRIPTION
1	3	SEAL, OIL



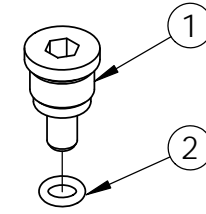
14 PART NO. 7106664

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



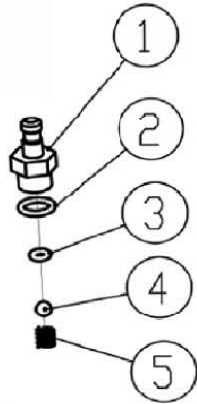
16 PART NO. 7104223

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



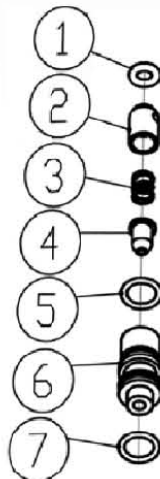
18 PART NO. 7108157

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



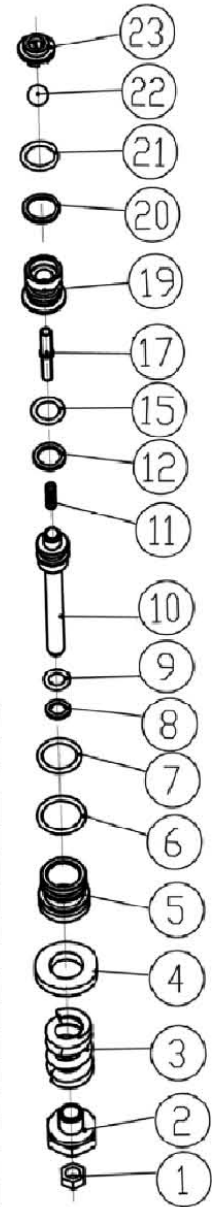
25 PART NO. 7104228

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

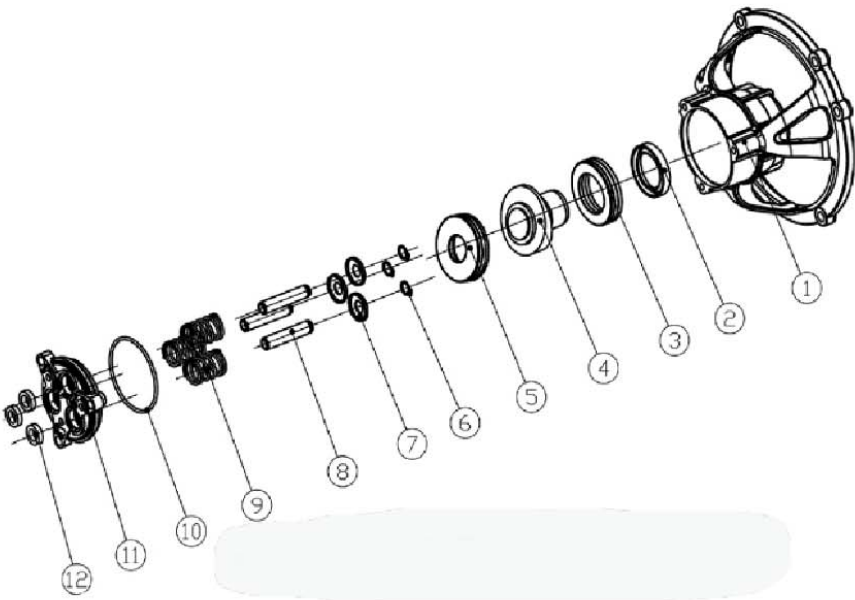
UNLOADER KIT		
ITEM	QTY	DESCRIPTION
1	1	NUT
2	1	ADJUSTING NUT
3	1	SPRING
4	1	SEATING RING
5	1	VALVE SHEATH
6	1	O-RING
7	1	O-RING
8	1	CHECKING RING
9	1	O-RING
10	1	VALVE POLE
11	1	SPRING
12	1	CHECKING RING
15	1	O-RING
17	1	PIN
19	1	UPPER SEAT
20	1	CHECKING RING
21	1	O-RING
22	1	STEEL BALL
23	1	BACK SEAT

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

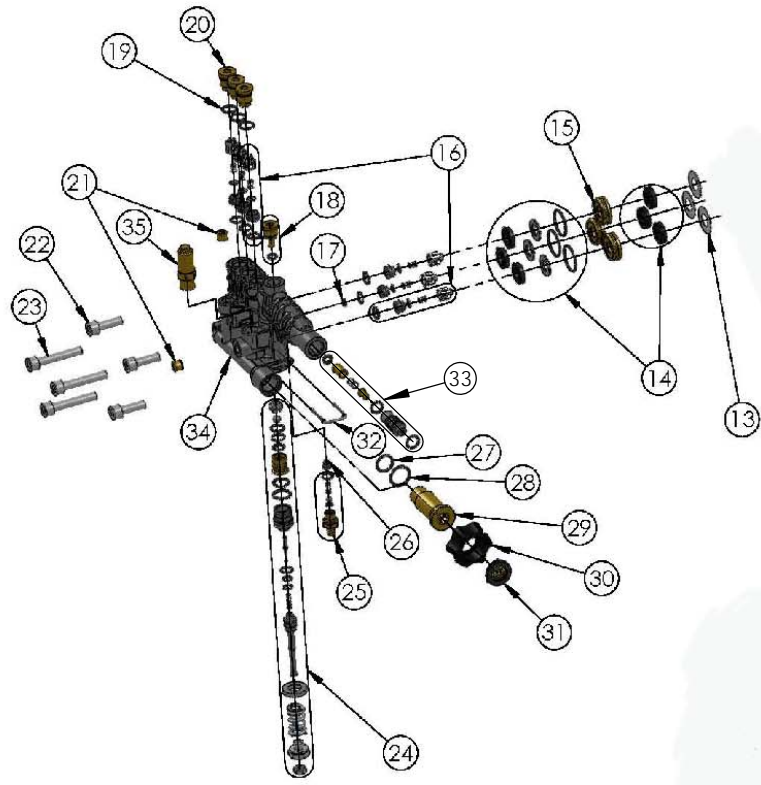
24	7104226	Nut	1	Unloader Kit
		Adjusting Nut		
		Spring		
		Seating Ring		
		Valve Sheath		
		O-Ring		
		O-Ring		
		Checking Ring		
		O-Ring		
		Valve Pole		
		Spring		
		Checking Ring		
		O-Ring		
		Pin		
		Upper Seat		
		25		
O-Ring				
O-Ring				
Steel Ball				
Spring				
26	7106650	Venturi Tube 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, 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



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

ITEM	MAS500	PARTS NAME	QTY PER PUMP	COMMENT
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	
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		
		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		
O-Ring				
34	7106656	Pump Head	1	
35	7101359	Thermal Relief Valve	1	