

TOOLS AND SEAT AND LINER PULLING EQUIPMENT

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SEAT PULLING EQUIPMENT									
Hydraulic Seat Pullers Complete Less Puller Head				Seat Puller Heads					
Part No.	Description			Part No.	Serie s	Catalog No.	Threa d	Seat Type	Head Type
M 1100	Hydraulic Puller 1-1/2"- 8 TPI x 32" Stem			181240110	4	22950	1-1/2"-8	Supreme	J-Hook
M 1060	Hydraulic Puller 2"- 4-1/2 TPI x 36" Stem			181240508	5	17002	1-1/2"-8	Supreme	J-Hook
M1060-45	Hydraulic Puller 2"- 4-1/2 TPI x 45" Stem			181235052	6	14042	2"-4-1/2	Supreme	J-Hook
				181235300	7	14207	2"-4-1/2	Supreme	J-Hook
Hydraulic Seat Puller Parts				181235706	8	14206	2"-4-1/2	Supreme	J-Hook
M 1100	M 1060	M 1060-45	Description	181235102	9	14205	2"-4-1/2	Supreme	J-Hook
M1061	M1061	M1061	Hydraulic Jack	181240706	P2/H F2	17059-A	7/8"	SM & RN	Drop String
181234576	M1102	M1062	Center Stem	181234535	P3/H F3	12951-A	1-1/2"-8	SM & RN	Drop String
181234550	M1063	M1063	Hex Nut for Stem	181235003	P4/H F4	13170-A	1-1/2"-8	SM & RN	Drop String
M1064	M1064	M1064	H Block / Base Plate	181234501	P5/H F5	12950-1	1-1/2"-8	SM & RN	Drop String
M1025	M1065	M1065	Center Stem bushing	181235508	P6/H F6	14029-A	2"-4-1/2	SM & RN	Drop String
M1067	M1067	M1067	Hose Assembly	181235748	P7/H F7	14587-A	2"-4-1/2	SM & RN	Drop String
M1068	M1068	M1068	Hand Pump	181259300	P2/H F2		1"-8	SM & RN	Split Jaw
M1069	M1069	M1069	Gauge Adapter	24203-3	P3/H F3	24203-3	1-1/2"-8	SM & RN	Split Jaw
M1071	M1071	M1071	Coupler	181258120	P4/H F4	24203-4	1-1/2"-8	SM & RN	Split Jaw
M1072	M1072	M1072	Pressure Gauge	181259706	P5/H F5	24203-5	1-1/2"-8	SM & RN	Split Jaw
M1073	M1073	M1073	Jack Repair Kit	01328-2	P5/H F5		2"-4-1/2"	SM & RN	Split Jaw
M1074	M1074	M1074	Pump Repair Kit	181260167	P6/H F6	24203-6	2"-4-1/2	SM & RN	Split Jaw
				24203-7	P7/H	24203-	2"-4-1	SM &	Split

					F7	7	/2	RN	Jaw												
				8401217	HD6	H-27SX N	2"-4-1 /2	HD RN	Split Jaw												
Manual Seat Pullers Complete Less Puller Head				8401705	HD7	H-40SN	2"-4-1 /2	HD RN	Split Jaw												
Part No.	Description			8401706	HD8	H80SN	2"-4-1 /2	HD RN	Split Jaw												
M1100M	Manual Puller 1-1/2"- 8 TPI x 32" Stem			8401977	HD6	RN-D-6	2" Hole	HD RN	Wobbl e Pl												
Manual Seat Puller Parts <table><tr><td></td><td>Description</td></tr><tr><td>181234576</td><td>Center Stem</td></tr><tr><td>181234550</td><td>Hex Nut for Stem</td></tr><tr><td></td><td>1-1/2" Flat Washers</td></tr><tr><td>M1104</td><td>Base Plate</td></tr><tr><td></td><td>Small H Block</td></tr></table>					Description	181234576	Center Stem	181234550	Hex Nut for Stem		1-1/2" Flat Washers	M1104	Base Plate		Small H Block	8401985	HD7	RN-D-7	2" Hole	HD RN	Wobbl e Pl
					Description																
				181234576	Center Stem																
				181234550	Hex Nut for Stem																
					1-1/2" Flat Washers																
				M1104	Base Plate																
					Small H Block																
				18121000 6	A & 1	4368	2"-4-1 /2	Sup Serv	J-Hook												
				18120840 6	1A	3702	2"-4-1 /2	Sup Serv	J-Hook												
				18123580 5	2	215761	2"-4-1 /2	Sup Serv	J-Hook												
18120400 9	X	3500	1-1/2" -8	Silv Top	Split Jaw																
18120400 9S	X		1-1/2" -8	Silv Top	J-Hook																
M1097	(3)		1-1/2" -8	FKN	Split Jaw																
M1096	(4)		1-1/2" -8	FKN	Split Jaw																
M1089	(6)		2"-4-1 /2	FKN	Split Jaw																
Manual Wedge Type Seat Pullers With Puller Head*				M1098	(7)		2"-4-1 /2	FKN	Split Jaw												
Part No.	Description			M1087	(9)		2"-4-1 /2	FKN	Split Jaw												
180112591	Supreme Series 4 Puller Complete			M1088	(9)		2"-4-1 /2	FKN	Split Jaw												
180112401	Supreme Series 5 Puller Complete			18124011 0	4	22950	1-1/2" -8	FK-1	J-Hook												
180112385	Supreme Series 6A Puller Complete			M1153	5		2"-4-1 /2	FK-1	J-Hook												
180112203	Supreme Series 7 Puller Complete			M1163	6		2"-4-1 /2	FK-1	J-Hook												
180112351	Supreme Series 7 Puller Complete with Long Stem			M1173	7		2"-4-1 /2	FK-1	J-Hook												
180111700	Supreme Series 8 Puller Complete			M1182	8		2"-4-1 /2	FK-1	J-Hook												
180111403	Supreme Series 9 Puller Complete			M1193	9		2"-4-1	FK-1	J-Hook												

					/2		
180101800	Super Service Series A & 1 Puller Complete						
180102402	Super Service Series 1A Puller Complete	Seat Puller Ass'y less Hydraulic Jack Ass'y					
180103400	Super Service Series 2 Puller Complete	Part No.	Description				
180104200	Silver Top Series X Puller Complete	18010393 9	P2 Service Master/ HF2 Roughneck Puller				
* Wedge puller systems are obsolete. Use hydraulic or manual non-wedge system listed if possible.		18010395 4	P3 Service Master/ HF3 Roughneck Puller				
		18010398 8	P4 Serv. Master/ HF&HD4 Roughneck Puller				
		18010394 7	P5 Serv. Master/ HF&HD5 Roughneck Puller				
Manual Wedge Type Seat Puller Parts*		18010397 0	P6 Service Master/ HF6 Roughneck Puller				
Part No.	Description	18010399 6	P7 Service Master/ HF7 Roughneck Puller				
181205600	Top Wedge Block #630						
181205402	Wedge #535						
181202201	Bottom wedge Block # BWB-1	Miscellaneous Seat Puller Parts					
181202607	Bottom wedge Block # BWB-3	Part No.	Description				
181205808	Bottom wedge Block # 894	18123457 6	Center Stem 1-1/2"- 8 TPI x 32" Long				
181408808	Puller Nut 1-1/2"	18123460 0	Center Stem 1-1/2"- 6 TPI x 48" Long				
181409004	Puller Nut 2"	18123040 0	Center Stem 2"- 4-1/2 TPI x 24-1/2" Long				
181230400	Main Stem 2"-4-1/2 TPI x 24" Long	18123060 8	Center Stem 2"- 4-1/2 TPI x 32" Long				
181234576	Main Stem 1-1/2"- 8 TPI x 31" Long	18123065 7	Center Stem 2"- 4-1/2 TPI x 45" Long				

TOOLS AND LINER PULLERS			
TOOLS			
Part No.	Description	Part No.	Description
002100154	Spline Rod Nut Wrench for API-5 Rods	0-6317-02 08-00	Tool, Liner Handling FB-1600,FC-1600
002100105	Spline Rod Nut Wrench for API-6 Rods	0-6323-01 31-00	Tool, Liner Handling FC-2200
2400006	Wrench,Rod Nut Spline Combination API-5,API-6	HPHS-FLEX	Puller, Pump Packing Set of Four
M1023	Hex Nut Wrench for API-4 Triplex Rod Nut	80718100	Tool, Universal Liner Lifting
181435009	P5 Service Master II Insert Installation		

	Tool		
181435058	P6 Service Master II Insert Installation Tool		
181435108	P7 Service Master II Insert Installation Tool		
9704515	HD6 Roughneck Insert Installation Tool		
9704507	HD7 Roughneck Insert Installation Tool	Liner Bore Gages	
HX0011	Mission Mystique Backflush Lubricant	Part No.	Description
062108014	Valve Vise for Series 6A & 7 Supreme Valve	X151940	GAGE, LINER, 4-1/2
062108006	Valve Vise for Series 8 & 9 Supreme Valve	X151994	GAGE, LINER 5"
062318167	Wrench, Knock On Nut F/ API 7 Supreme Valve	X151998	GAGE, LINER 5-1/2"
80704015	Liner Retention Bar A1700PT Mission "L" Mod.	X151993	GAGE, LINER 6"
80502061	Tool, Alignment A1700PT OEM Module	X151944	GAGE, LINER 6 1/2
80502066	Tool, Alignment A1700PT Mis L Module	X151996	GAGE, LINER 7"
20999000	Liner Puller Head Adapter PZ-10/11 for 6" Liner		
20999002	Liner Removal Tool for Emsco F-1000		
0-6397-06 91-00	Valve Cover Bar for Emsco F-1000, FB-1600	Liner Puller Assemblies	
0-6316-02 80-00	Cylinder Head Wrench for Emsco F-1000	Part No.	Description
0-6316-02 77-00	Cylinder Head Wrench for Emsco FB-1600	NOIH3700	Manual Liner Puller 3" to 9" Bore
1291181	Driver,Valve P6 FKN Seat 8P80,9P100,10P130	18010060 4	Hydraulic Liner Puller 3" to 9" Bore
1292127	Driver, Valve P7 FKN Seat 12P160		
1295127	Driver, Valve P8 FKN Seat 14P220		
80704046	Driver, P7 Roughneck Valve Seat 12P160 Seat 36"	Liner Wear Plate Puller Assemblies	
80718049	Driver, P8 RoughneckValve Seat 14P220 Seat	Part No.	Description
80719046	Driver, P7 R	MSK2015	Wear Plate Puller, FB-1600 Mission L 5000 PSI
80725042	Driver, P6 RN & FKN Valve Seat 12P160HP	MSK2117	Wear Plate Puller, FC-1600-HP 7500 PSI
2409010	Socket, Wedge Adj Screw 8P80,9P100,10P130	10300280	Puller,Liner Wear Plate A850PT - A1700PT
2409011	Wrench, For 2409010 8P80,9P100,10P130		

1710270	Bar, Wedge Loosening 8P80,9P100,10P130		
1291164	Plate, Liner Bushing Puller 8P80	Obsolete Liner Puller Assemblies	
1290164	Plate, Liner Bushing Puller 9P100	Part No.	Description
1290164	Plate, Liner Bushing Puller 10P130	H-11365-A	Manual Liner Puller 4" to 7-3/4" Bore
1292164	Plate, Liner Bushing Puller 12P160	1320003	Manual Liner Puller 5" to 6" Bore
1295164	Plate, Liner Bushing Puller 14P220	1320009	Manual Liner Puller 6" to 7" Bore
2409013	Socket, Wedge Adj Screw 12P160		
2409011	Wrench, For 2409013 12P160	Hydraulic Pumps For Seat Puller, Xtractor, Blak JAK	
1291376	Bar, Wedge Loosening 12P160	Part No.	Description
		M1076	Hydraulic Hand Pump Assy W/ Hose & Gauge
		M1268	Hydraulic Foot Pump Assy W/ Hose & Gauge
		80502016	Air Over Hydraulic Pump Foot Operated

Blak-JAK Accessories and Related Tools			
TOOLS		Liner Bushing X-Tractor Puller Assemblies	
Part No.	Description	Part No.	Description
80500116	Hydra-Lok Seal Repl. Tool FC2200 & 14P220	80502120	ASSY,BUSHING X-TRACTOR 9P100 10P130
MSK2030	Hydra-Lok Spanner Wrench Tool	80502121	ASSY, BUSHING X-TRACTOR 12P160
80502072	Alignment Tool, PZ11 Blak-JAK Liner Retention	80502122	ASSY, BUSHING X-TRACTOR 14P220
80501016	Tightening Rod for Locking Ring Blak-JAK LRS		
80502065	Tool, Inst FB/FC1600 L Lug Bushing BJLRS	Hydraulic Pumps For Seat Puller, Xtractor, Blak JAK	
80502060	Tool, Inst A1700PT OEM&L Lug Bushing BJLRS	Part No.	Description
80502062	Nut, A1700PT OEM Liner Bushing Removal Tool	M1076	Hydraulic Hand Pump Assy W/ Hose & Gauge
80502063	Nut, Jam A1700PT OEM Liner Bushing Tool	M1268	Hydraulic Foot Pump Assy W/ Hose & Gauge
		80502016	Air Over Hydraulic Pump Foot Operated

Hex Pump 240 Accessories and Related Tools			
TOOLS		Tool Kit Assy Thd Cap Install/Removal Hex 240	
Part No.	Description	Part No.	Description

80710278	Head, Puller Clam Shell Hex Pump	80710296	Tool Kit Consisting Of:
		80710288	Bar Striker
		80710286	Tool, Threaded Ring Installation/Removal
		80710287	Bolt, 1-1/2 - 6 x 8 Hex Head GR 5
		6300240	Nut, 1-1/2 - 6 Hvy Hex
		Tool Kit Assy 5.5 Valve Seat Install/Removal Hex 240	
		Part No.	Description
		80710297	Kit 5.5 Valve Seat Instalation / Removal
			Consisting of the following:
		80710107	ASSY,HYDRAULIC RAM & JACK
		80710114	BUSHING,JACK BODY
		80710117	BOX,PULLER TOOL KIT ASSY
		80710142	WINGNUT, PULLER BOLT
		80710192	PULLER HEAD, P5.5 VALVE SEAT
		80710299	ASSY, SEAT DRIVER
		80710300	ASSY, 5.5 DISCH PULLER STUD
		80710301	ASSY, 5.5 SUCTION PULLER STUD