

MDHDS Suggested Spares Parts List

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Item	Qty	Part Number	Description	Notes / Where Used
1	25	OD2141	O-Ring, 2-141, Nitrile, 70 Duro	1 ea Latch Rod 172969-325
2	25	OD2142	O-Ring, 2-142, Nitrile, 70 Duro	2x 2 ea Male Big Bore Q/R 172969-102
3	25	OD2222	O-Ring, 2-222, Nitrile, 70 Duro	1 ea Dog Body 172960-310
4	25	OD2229	O-Ring, 2-229, Nitrile, 70 Duro	1 ea Latch Shear Screw Head 172969-205
5	25	OD2230	O-Ring, 2-230, Nitrile, 70 Duro	1 ea Latch Piston 172969-207
6	75	OD2232	O-Ring, 2-232, Nitrile, 70 Duro	1 ea Latch Shear Screw Head 172969-205 2 ea Latch Piston 172969-207
7	25	OD2233	O-Ring, 2-233, Nitrile, 70 Duro	1 ea Latch Top Connection 172969-201
8	25	OD2234	O-Ring, 2-234, Nitrile, 70 Duro	1 ea Latch Piston 172969-207
9	25	OD2235	O-Ring, 2-235, Nitrile, 70 Duro	1 ea Latch Body 172969-203
10	50	OD6060	Set Screw, 1/4-20 UNC x 1/4 lg, SS	1 ea Latch Shear Screw Housing 172969-202 2 ea Latch Body 172969-203 1 ea Latch Shear Screw Head 172969-205 3 ea Inner Rod Subassembly 172969-324
11	50	OD6061	Set Screw, 1/4-20 UNC x 3/8 lg, SS	1 ea Latch Bottom Connection 172969-204 1 ea Outer Barrel Cross Over Sub 172969-307 1 ea Piston Head 172969-311 3 ea Inner Rod Subassembly 172969-324
12	100	OD6063	Set Screw, 1/4-20 UNC x 1/2 lg, Brass	2 ea Latch Assembly 172969-200
13	0	OD6775	Set Screw, 3/8-16 UNC x 3/8 lg, SS	1 ea Quick Release Nut 172969-104
14	30	OD7216	Ball Bearing, 3/8 Dia, SS	6 ea Latch Assembly 172969-200 (MC# 9529K19)
15	12	-----	Low Hd Soc Hd Cap Screw, 5/16 -18 UNC x 3/8 lg	2 ea Latch Assembly 172969-200
16	-----	172969-000	MDHDS Assembly	
17	-----	172969-001	Parts List, MDHDS Assembly	MDHDS Assembly 172969-000
18	-----	172969-100	Quick Release Assembly, MDHDS Big Bore	2 ea MDHDS Assembly 172969-000
19	1	172969-101	Female Quick Release, MDHDS Big Bore	1 ea Q/R Assy, Big Bore 172969-100
20	1	172969-102	Male Quick Release, MDHDS Big Bore	1 ea Q/R Assy, Big Bore 172969-100
21	2	172969-103	Dog, Quick Release, MDHDS Big Bore	2 ea Q/R Assy, Big Bore 172969-100
22	1	172969-104	Nut, Quick Release, MDHDS Big Bore	1 ea Q/R Assy, Big Bore 172969-100
23	0	172969-105	Spacer Sub, Big Bore Quick Release	1 ea Latch Assembly 172969-200
24	-----	172969-200	Latch Assembly, MDHDS	1 ea MDHDS Assembly 172969-000
25	0	172969-201	Top Connection, MDHDS Latch	1 ea Latch Assembly 172969-200
26	0	172969-202	Shear Screw Housing, MDHDS Latch	1 ea Latch Assembly 172969-200
27	0	172969-203	Latch Body, MDHDS Latch	1 ea Latch Assembly 172969-200
28	0	172969-204	Bottom Connection, MDHDS Latch	1 ea Latch Assembly 172969-200

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29	0	172969-205	Shear Screw Head, MDHDS Latch	1 ea Latch Assembly 172969-200
30	2	172969-206	Dog Housing, MDHDS Latch	1 ea Latch Assembly 172969-200
31	0	172969-207	Piston, MDHDS Latch	1 ea Latch Assembly 172969-200
32	18	172969-208	Dog, MDHDS Latch	3 ea Latch Assembly 172969-200
33	0	172969-301	Flapper Guide Tube	1 ea MDHDS Assembly 172969-000
34	0	172969-302	Outer Barrel	2 ea MDHDS Assembly 172969-000
35	0	172969-303	Outer Spacer Barrel	1 ea MDHDS Assembly 172969-000
36	-----	172969-304	1.75 F-Type Thread	Machining Information
37	0	172969-305	Landing Shoulder	1 ea MDHDS Assembly 172969-000
38	0	172969-307	Outer Barrel Cross Over Sub	1 ea MDHDS Assembly 172969-000
39	0	172969-311	Piston Head	1 ea Inner Rod Subassembly 172969-324
40	1	172969-312	T2P Male Quick Release	1 ea T2P Quick Release Assy 172969-316
41	1	172969-313	T2P Female Quick Release	1 ea T2P Quick Release Assy 172969-316
42	2	172969-314	T2P Quick Release Nut	1 ea T2P Quick Release Assy 172969-316
43	50	172969-315	Piston Ring (4 ea 1/4 sections)	1 ea Inner Rod Subassembly 172969-324
44	-----	172969-316	T2P Quick Release Assembly	1 ea Inner Rod Subassembly 172969-324
45	1	172969-320	Sub, Inner Rod	1 ea Inner Rod Subassembly 172969-324
46	2	172969-321	Inner Rod, 10 ft	1 ea Inner Rod Subassembly 172969-324
47	1	172969-322	RS Fishing Neck	1 ea Inner Rod Subassembly 172969-324
48	1	172969-323	Latch Spring	1 ea Latch Assembly 172969-200
49	-----	172969-324	Subassembly, Inner Rod	1 ea MDHDS Assembly 172969-000
50	2	172969-325	Latch Rod	1 ea Inner Rod Subassembly 172969-324
51	-----	172969-326	Subassembly, Outer Barrel	1 ea Inner Rod Subassembly 172969-324

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Ancillaries

Item	Qty	Part Number	Description	Notes / Where Used
1	2	172969-317	SET(P) Cross Over Sub	1 ea Inner Rod Subassembly 172969-324
2	-----	172969-400	Latch Top Test Cap	
3	-----	172969-401	Latch Bottom Test Cap	
4	2	172969-402	Thread Protector, SET/SETP	
5	4	172969-403	Assembly, MDHDS Lifting Clamp	
6	-----	OD7106	Spring Pin, 1/8 Dia x 3/4 lg, SS	1 ea Assy, Lifting Clamp 172969-403
7	-----	OD7171	Cotter Pin, 1/8 Dia x 1 Lg, SS	2 ea Assy, Lifting Clamp 172969-403
8	-----	OD7244	Bolt, Hex HD, 9/16 - 12 UNF x 2-1/2 LG	2 ea Assy, Lifting Clamp 172969-403
9	-----	OD7246	Lock Nut, Hex, 9-1/6 - 12 UNF	2 ea Assy, Lifting Clamp 172969-403
10	-----	OD7305	Flat Washer, Nom 5/8	1 ea Assy, Lifting Clamp 172969-403
11	-----	OD7307	Flat Washer, Nom 3/4	1 ea Assy, Lifting Clamp 172969-403
12	-----	OP3618	Hinge Pin	1 ea Assy, Lifting Clamp 172969-403
13	-----	OP3620	Latch Pin	1 ea Assy, Lifting Clamp 172969-403
14	-----	OP3622	Latch Bolt	1 ea Assy, Lifting Clamp 172969-403
15	-----	OP3624	Flat Flanged Nut, 5/8 - 11 UNC, Stl	1 ea Assy, Lifting Clamp 172969-403
16	-----	OP3626	Lift Chain	1 ea Assy, Lifting Clamp 172969-403
17	-----	OP3627	Sling Link	1 ea Assy, Lifting Clamp 172969-403
18	-----	172969-404	Clamp Body "A", MDHDS Lifting Clamp	1 ea Assy, Lifting Clamp 172969-403
19	-----	172969-405	Clamp Body "B", MDHDS Lifting Clamp	1 ea Assy, Lifting Clamp 172969-403
20	2	172969-406	Top Storage Cap	For storage in shuck
21	2	172969-407	Bottom Storage Cap	For storage in shuck
22	2	172969-413	Assembly, Spring Compression Tool	1 ea MDHDS Assembly 172969-000
23	4	-----	Shoulder Screw, 3/8 Dia x 1/4 lg x 5/16 - 18 UNC	4 ea Assy, Spring Compression Tool 172969-413 (MC# 91259A615)
24	-----	172969-408	Spring Comp Tool Link	2 ea Assy, Spring Comp Tool 172969-413
25	-----	172969-409	Spring Comp Tool Arm	2 ea Assy, Spring Comp Tool 172969-413
26	-----	172969-410	Spring Comp Tool Cleat	1 ea Assy, Spring Comp Tool 172969-413
27	-----	172969-411	Spring Comp Tool Handle	2 ea Assy, Spring Comp Tool 172969-413
28	-----	172969-412	Weldment, Spring Comp Tool Handle	1 ea Assy, Spring Comp Tool 172969-413
29	-----	172969-415	Brace	1 ea Link Weldment 172969-416
30	-----	172969-416	Link Weldment	1 ea Assy, Spring Comp Tool 172969-413
31	8	172969-417	Dog Bolt	2 ea Assy, Spring Comp Tool 172969-413
32	2	172969-414	Reset J-Hook Gauge	Service Tool

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33	2	172969-418	Locking Clamp Assembly	1 ea MDHDS Assembly 172969-000
34	-----	OD7106	Spring Pin, 1/8 Dia x 3/4 lg, SS	1 ea Assy, Locking Clamp Assy 172969-418
35	-----	OD7171	Cotter Pin, 1/8 Dia x 1 Lg, SS	2 ea Assy, Locking Clamp Assy 172969-418
36	-----	OD7305	Flat Washer, Nom 5/8	1 ea Assy, Locking Clamp Assy 172969-418
37	-----	OD7307	Flat Washer, Nom 3/4	1 ea Assy, Locking Clamp Assy 172969-418
38	-----	OP3618	Hinge Pin	1 ea Assy, Locking Clamp Assy 172969-418
39	-----	OP3620	Latch Pin	1 ea Assy, Locking Clamp Assy 172969-418
40	-----	OP3622	Latch Bolt	1 ea Assy, Locking Clamp Assy 172969-418
41	-----	OP3624	Flat Flanged Nut, 5/8 - 11 UNC, Stl	1 ea Assy, Locking Clamp Assy 172969-418
42	-----	172969-404	Clamp Body "A", MDHDS Lifting Clamp	1 ea Assy, Locking Clamp Assy 172969-418
43	-----	172969-405	Clamp Body "B", MDHDS Lifting Clamp	1 ea Assy, Locking Clamp Assy 172969-418
44	-----	172969-419	Thread Protector, Box, Inner Barrel	Service Tool
45	-----	172969-420	Thread Protector, Pin, Inner Barrel	Service Tool
46	2	172969-421	Spacer, Spring Compression Tool	1 ea Assy, Spring Comp Tool 172969-413
47	6	-----	Bolt, Hex HD, 3/8 - 16 UNC x 1 LG	Assembly and handling aid

NOTES:

1) It is recommended that 2 complete tools in addition to the spares listed be shipped for deployment.