



## PURPOSE

The Motorhead Assembly is a compact Tool String which incorporates a variety of features. These features include a Dual Flapper Check Valve Assembly, a Ball activated disconnect facility and a dual operation Circulating Sub. The Tool also features a torque through facility as well as a standard internal GS Fishing Neck profile.

The Dual Flapper Check Valves provide a uni-directional barrier between the Well Bore and the Tubing above. The disconnect facility is there to provide a means of disconnecting from a stuck Tool String by simply dropping a Ball.

The Circulating Sub introduces a flow path from the Tool ID to the annulus. However, if for any reason circulation through the Tool String is lost, an Overpressure Activated Piston is incorporated.

The Tool can be supplied with a specified Connection up or a variety of styles of Coil Connector.

Assembly Number	1801MH168A1	1801MH212A1	1801MH287A1
OD	1-11/16"	2-1/8"	2-7/8"
Make Up Length	24-5/16"	27-5/32"	26-5/32"
Pressure Rating	5000 PSI	5000 PSI	5000 PSI
Standard Connection	1" AMMT	1-1/2" AMMT	2-3/8" PAC
Service	STD	STD	STD

When ordering please specify part name and size. Call us Toll Free: 1-800-438-0061

Assembly Number	1801MH168A1	1801MH212A1	1801MH287A1
Components:			
Top Sub	1801DF16807	1801DF21205	1801DF28711
Flapper Body	1801MH16803	1801MH21203	1801DF28709
Flapper Cartridge (2)	1801DF168S0	1801DF212S0	1801DF287S0
Upper Release Sub	1801MH16804	1801MH21204	1801MH28704
Release Piston	1801HD16812	1801HD21211	1801HD28712
Mandrel	1801HD16813	1801HD21212	1801HD28713
Support Piston	1801HD16814	1801HD21213	1801HD28714
Collet	1801HD16815	1801HD21214	1801HD28715
Fishneck Body	1801HD16816	1801HD21215	1801HD28716
Lower Release Sub	1801HD16817	1801HD21216	1801HD28717
Circulation Piston	1801CS16802	1801CS21202	1801CS28702
Circulation Sub	1801MH16801	1801MH21201	1801MH28705
O-Ring	015	025	116
O-Ring	019	031	123
O-Ring	022	116	141
O-Ring	028	120	143
O-Ring	116	128	221
O-Ring	122	129	229
O-Ring	124	131	X
O-Ring	126	133	X
O-Ring	X	214	X
O-Ring	X	218	X
Set Screw	X	X	10-32 UNF x .50
Set Screw	10/24" UNC x .50	10/24" UNC x .50	25"-20 UNC x .38
Set Screw	10/32" UNF x .25	10/32" UNF x .38	.25"-20 UNC x .50

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