

## PZ-7, 8, 9 FLUID END MODULE AND ACCESSORIES

Item	Description	Qty. /Pump	Grizzly Part #
1	FLUID CYLINDER completed	3	GM-PZ7CMPLT
2	FLUID CYLINDER studded, incl. Item3 to4	3	GM-205PZL029D
3	FLUID CYLINDER, MODIFIED	3	GM-205PZL029D-M
4	STUD and NUT set for one Fluid Cylinder Incl. (8) - GM-79L188 STUD, Cylinder to Frame & Liner Clamp (16) - GM-50B36 NUT, Cylinder to Frame & Liner Stud (4) - GM-79L73 STUD, Cylinder to Frame (4) - GM-50AQ30 NUT, Cylinder to frame Stud (16) - GM-79AL6 STUD, Valve Cover to Cylinder (16) - GM-50AQ30 NUT, Valve Cover Ring to Cylinder Stud (4) - GM-202PZL110 STUD, Cylinder to Discharge Manifold (4) - GM-50B34 NUT, Cylinder to Discharge Manifold Stud	3	GM-PZ7STUDSET
5	STUD, Cylinder to Frame & Liner Clamp	24	GM-79L188
6	NUT, Cylinder to Frame & Liner Stud	48	GM-50B36
7	STUD, Cylinder to Frame	12	GM-79L73
8	NUT, Cylinder to frame Stud	12	GM-50AQ30
9	STUD, Valve Cover to Cylinder	48	GM-79AL6
10	NUT, Valve Cover Ring to Cylinder Stud	48	GM-50B34
11	STUD, Cylinder to Discharge Manifold	12	GM-202PZL110
12	NUT, Cylinder to Discharge Manifold Stud	12	GM-50B34
13	GASKET, Valve Cover	6	GM-2011862
14	RING-RETAINING, Valve Cover Gasket	6	GM-2011861
15	BUSHING, Suction & Discharge Valve Cover	6	GM-2007674
16	COVER-VALVE	6	GM-2011860

<b>Item</b>	<b>Description</b>	<b>Qty. /Pump</b>	<b>Grizzly Part #</b>
17	RING-VALVE COVER	6	GM-2011699
18	LOCK-COVER, Valve, MODIFIED	6	GM-2011857
19	VALVE GUIDE ASSEMBLY, Incl. (1) GM-2011701 PLATE-RETAINER (1)GM-2011700 GUIDE-VALVE, Suction (1) GM-2007674 BUSHING, Suction Valve Guide (2) GM-95W2 WASHER-LOCK (2) GM-655EE06S SCREW	3	GM-2011706
20	PLATE-RETAINER	3	GM-2011701
21	GUIDE-VALVE, Suction	3	GM-2011700
22	BUSHING, Suction Valve Guide	3	GM-2007674
23	WASHER-LOCK	6	GM-95W2
24	SCREW	6	GM-655EE06S
25	LINER WEAR PLATE ASSEMBLY include (1) - item 26, (1) – item 27	3	GM-M1158A
26	LINER WEAR PLATE GASKET	3	GM-M1158
27	LINER WEAR PLATE	3	GM-G001S19
28	GASKET, Suction Manifold to Cylinder	3	GM-25G41
29	SCREW, Suction Manifold to Cylinder	24	GM-655EG08N
30	GASKET, Discharge manifold to Cylinder	3	GM-25AL35
31	CLAMP - LINER	3	GM-1PV14
32	GASKET-RING JOINT, Discharge Manifold Flange	2	GM-25V24
33	GASKET, liner to Cylinder	3	GM-25AT37
34	Module Gasket set Composed of: (2) - GM-2011862 GASKET, Valve Cover (1) - GM-M1158 LINER WEAR PLATE GASKET (3) - GM-25G41 GASKET, Suction Manifold to Cylinder (3) - GM-25AL35 GASKET, Discharge manifold to Cylinder	3	GM-PZ8GSKTSET

(1) – GM25AT37 GASKET, Liner		
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### **PZ-10, 11 FLUID END MODULE AND ACCESSORIES**

<b>Item</b>	<b>Description</b>	<b>Qty. /Pump</b>	<b>Grizzly Part #</b>
1	FLUID CYLINDER completed	3	GM-PZ10CMPLT
2	FLUID CYLINDER studded, incl. Item 3 to 4	3	GM-201PZL029B
3	FLUID CYLINDER, MODIFIED	3	GM-201PZL029B-M
4	STUD and NUT set for one Fluid Cylinder Incl. (8) - GM-201PZL110 STUD (Long), Cylinder to Frame (8) - GM-205PZL110 STUD (Short), Cylinder to Frame (12) - GM-50B36 NUT, Cylinder to Frame Stud (24) - GM-204PZL110 STUD, Valve Cover Ring to Cylinder (24) - GM-50B34 NUT, Valve Cover Ring to Cylinder Stud (4) - GM-202PZL110 STUD, Cylinder to Discharge Manifold (4) - GM-50B34 NUT, cylinder to Discharge Manifold Stud (8) - GM-50B36 NUT, cylinder to Discharge Manifold Stud	3	GM-PZ10STUDSET

5	STUD (Long), Cylinder to Frame	24	GM-201PZL110
6	NUT, Cylinder to Frame Stud and Liner ClampStud	48	GM-50B36
7	STUD (Short), Cylinder to Frame	24	GM-205PZL110
8	NUT, Cylinder to Frame Stud	24	GM-50B36
9	STUD, Valve Cover Ring to Cylinder	72	GM-204PZL110
10	NUT, Valve Cover Ring to Cylinder	72	GM-50B34
11	STUD, Cylinder to Discharge Manifold	12	GM-202PZL110
12	NUT, cylinder to Discharge Manifold Stud	12	GM-50B34
13	RING – VALVE COVER	6	GM-200PZL387
14	GASKET, Valve Cover	6	GM-204PZL715
15	BUSHING	6	GM-2007674
16	COVER - VALVE	6	GM-200PZL147
17	BOLT - EYE	6	GW-15P5
18	LOCK - COVER	6	GM-200PZL587

Item	Description	Qty. /Pump	Grizzly Part #
19	VALVE GUIDE for one Fluid Cylinder Incl. (1) – Item 20, (1) – Item 21 (1) – Item 22, (2) – Item 23 (2) – Item 24	3	GM -200PZL483A
20	PLATE-RETAINER	3	GM-2011701
21	VALVE GUIDE, ONLY	3	
22	BUSHING	6	GM-2007674
23	WASHER-LOCK, Valve Guide to Retainer Plate	6	GM-95W2
24	Screw, Valve Guide to Retainer Plat	6	GM-75AA178

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25	LINER WEAR PLATE ASSEMBLY Incl. (1) - GM-M1158 LINER WEAR PLATE GASKET (1) - GM-G001S19 LINER WEAR PLATE	3	GM-M1158A
26	LINER WEAR PLATE GASKET	3	GM-M1158
27	LINER WEAR PLATE	3	GM-G001S19
28	Gasket, Suction Manifold to Cylinder	3	GM-25G41
29	SCREW. Suction Manifold to Cylinder	24	GM-75A74N
30	GASKET,Discharge Manifold	3	GM-25AL35
31	CLAMP, Liner	3	GM-200PZL455
32	Module Gasket set for one Fluid Cylinder Composed of: (2) - GM-204PZL715 GASKET, Valve Cover (1) - GM-M1158 LINER WEAR PLATE GASKET (3) - GM-25G41 GASKET, Suction Manifold to Cylinder (3) - GM-25AL35 GASKET, Discharge manifold to Cylinder (1) – GM-25AL37 GASKET, Liner	3	GM-PZ10GSKTSET
33	GASKET, Liner	3	GM-25AL37

**F-350 F-500 F-650 FLUID END MODULE AND ACCESSORIES**

Item	Description	Qty. /Pump	Grizzly Part #
1	Fluid End, Assembly	3	GM-F500CMPLT
2	Fluid End Studded Composed of: (1) - Fluid End, Only (1) -GM-F350STUDSET Stud and Nut Set	3	GM-6318-0151-00
3	Fluid End , Only	3	GM-F500FE
4	Stud and Nut set for one Fluid End Composed of: (4) - GM-7507-3407-00 Stud, 1-1/8 (4) - GM-7601-0630-26 Nut, 1-1/8-8 Hvy. Hex (6) - GM-7507-2205-00 Stud, 1-1/2 (6) - GM-7601-0630-17 Nut, 1-1/2 - 8 Hvy. Hex (12) - GM-7507-3402-00 Stud, 1-1/8 (12) - GM-7601-0630-26 Nut, 1-1/8-8 Hvy. Hex	3	GM-F500STUDSET
5	Stud, 1-1/8 Cylinder to Discharge Manifold	12	GM-7507-3407-00
6	Nut, 1-1/8-8 Hvy. Hex Cylinder to Discharge Manifold	12	GM-7601-0630-26
7	Stud, Cylinder to Frame	18	GM-7507-2205-00
8	Nut, 1-1/2-8 Hvy. Hex Cylinder to Frame	18	GM-7601-0630-17
9	Stud, Cylinder to Thread Ring	36	GM-7507-3402-00
10	Nut, 1-1/8-8 Hvy. Hex Cylinder to Thread Ring	36	GM-7601-0630-26
11	Valve Pot Cover	3	GM-6310-0016-01
12	Valve Guide, Upper	3	GM-6397-0602-00



26	Liner Seal	6	GM-7602-2200-34
27	Cylinder Gasket Set Composed Of: (1) - GM-6310-0084-00 Gasket, Valve Cover (2) -GM-7602-2200-34 Liner Seal (3) - GM-7602-1600-23 Gasket, Discharge Manifold (3) -GM-7602-1600-38 Gasket, Suction Manifold	3	GM-F500GSKTSET

### **FLUID END MODULE AND ACCESSORIES F-800/1000**

<b>Item</b>	<b>Description</b>	<b>Qty. /Pump</b>	<b>Grizzly Part #</b>
1	Fluid End, Assembly	3	GM-F800CMPLT
2	Fluid End Studded Composed of: (1) -GM-6999-0087-02 Fluid End, Only (1) -GM-F800STUDSET Stud and Nut Set	3	GM-6999-0086-02
3	Fluid End , Only	3	GM-6999-0087-02
4	Stud and Nut set Composed of: (4) - GM-7507-2108-00 Stud, 1-1/4 (4) - GM-7601-0630-24 Nut, 1-1/4-8 Hvy. Hex (6) - GM-7507-2205-00 Stud, 1-1/2 (6) - GM-7601-0630-17 Nut,	3	GM-F800STUDSET





14	Retainer Screw - Valve Guide	12	GM-7501-0051-00
15	Liner Cage	3	GM-6319-0026-00
16	Lower Valve Guide, Assembly, include (1)GM-6319-0087-00 Lower Valve Guide, include bushing (1)GM-6319-0089-00 Locking Clip, Lower Valve	3	GM-F800LVG
17	Lower Valve Guide, include bushing	3	GM-6319-0087-00
18	Bushing, Lower Valve Guide	3	GM-6319-0096-00
19	Locking Clip, Lower Valve	3	GM-6319-0089-00
20	Cylinder Head Plug	3	GM-6319-0031-00
21	Thread Ring	3	GM-6999-0089-00
22	Cylinder Head, Thread Cap	3	GM-6319-0090-00
23	Gasket, Valve Cover	3	GM-6319-0076-00
24	Gasket, Discharge Manifold	3	GM-7602-1610-46
25	Gasket, Suction Manifold	3	GM-7602-1600-61
26	Liner Seal	6	GM-7602-2200-32
27	Cylinder Gasket Set Composed Of: (1) - GM-6319-0076-00 Gasket, Valve Cover (2) -GM-7602-2200-32 Liner Seal (3) - GM-7602-1610-46 Gasket, Discharge Manifold (3) -GM-7602-1600-61 Gasket, Suction Manifold	3	GM-F800GSKTSET

**FB-1300/1600 FLUID END MODULE AND ACCESSORIES**

Item	Description	Qty. /Pump	Grizzly Part #
1	Fluid End, Assembly	3	GM-FB1300CMPLT
2	Fluid End Studded Composed of: (1) - Fluid End, Only (1) -GM-FB1300STUDSET Stud and Nut Set	3	GM-6316-0357-00
3	Fluid End , Only	3	GM-6316-0356-00
4	Stud and Nut set for one Fluid End Composed of: (12) - GM-7507-2013-00 Stud 1-8x9 (12) - GM-7601-0610-00 1-8 Hvy. Hex (4) - GM-7507-2108-00 Stud, 1-1/4-8X9-1/2 (4)- GM-7601-0630-24 Nut, 1-1/4 - 8 Hvy. (10) - GM- 7507-2210-00Stud, 1-1/2-8X8-5/8 (10) - GM- 7601-0630-17 Nut, 1-1/2 - 8 Hvy. Hex (6) - GM-7507-2201-00 Stud, 1-1/2-8X6-7/8 (6) - GM- 7601-0630-17Nut, 1-1/2-8 Hvy. Hex	3	GM- FB1300STUDSET
5	Stud, 1-8x9 Cylinder to Liner Clamp	36	GM-7507-2013-00
6	Nut, 1-8 Hvy. Hex Cylinder to Liner Clamp	36	GM-7601-0610-00
7	Stud, 1-1/4-8X9-1/2 Cylinder to Discharge Manifold	12	GM-7507-2108-00
8	Nut, 1-1/4 - 8 Hvy. Hex Cylinder to Discharge Manifold	12	GM-7601-0630-24

9	Stud, 1-1/2-8X8-5/8 Cylinder to Frame	30	GM- 7507-2210-00
10	Nut, 1-1/2 - 8 Hvy. Hex Cylinder to Frame	30	GM- 7601-0630-17
11	Stud, 1-1/2-8X6-7/8 Cylinder to Thread Ring	18	GM-7507-2201-00
12	Nut, 1-1/2-8 Hvy. Hex Cylinder to Thread Ring	18	GM- 7601-0630-17

Item	Description	Qty. /Pump	Grizzly Part #
13	Lower Valve Guide Assembly Include (1) Lower Valve Guide Bushing (1) Lower Valve Guide (1) Lower Valve Guide Lock Bolt	3	GM-FB1300LVG
14	Lower Valve Guide with Bushing	3	GM-6316-0354-00
15	Lower Valve Guide Bushing	3	GM-6316-0096-00
16	Lower Valve Guide Lock Bolt	3	GM-6316-0360-00
17	Alignment Ring	3	GM-6316-0363-00
18	Cylinder Head Plug	3	GM-6316-0364-00
19	Cylinder Thread Ring	3	GM-6316-0361-00
20	Cylinder Head	3	GM-6316-0362-00
21	Valve cover	3	GM-6316-0039-00
22	Upper Valve Guide	3	GM-6397-0575-00
23	Retainer, Upper Valve Guide	3	GM-6397-0603-00
24	Screw, Retainer	12	GM-7501-0051-00
25	Liner Lock	3	GM-6316-0367-00
26	Liner Thread Ring	3	GM-6316-0366-00
27	Wear Plate	3	GM-6316-0365-00
28	Gasket, Valve Pot Cover	3	GM-6316-0092-00
29	Head Seal	3	GM-6316-0369-00

30	Liner Seal	3	GM-6316-0373-00
31	Wear Plate Gasket	3	GM-6316-0373-00
32	Gasket, Discharge Manifold	3	GM-7602-1600-25
33	Gasket, Suction Manifold	3	GM-7602-1600-61
34	Cylinder Gasket Set, One Fluid End Composed Of: (1) - GM-6316-0092-00 Gasket, Valve Cover (1) -GM-6316-0369-00 Head Seal (1) -GM-6316-0373-00 Liner Seal (1) -GM-6316-0373-00 Wear Plate Gasket (3) - GM-7602-1600-25 Gasket, Discharge Manifold (3) -GM-7602-1600-61 Gasket, Suction Manifold	3	GM- FB1300GSKTSET

### **BS F-1300/1600 FLUID END MODULE AND ACCESSORIES**

<b>Item</b>	<b>Description</b>	<b>Qty. /Pump</b>	<b>Grizzly Part #</b>
1	Fluid End, Assembly	3	GM-BSF1300CMPLT
2	Fluid End Studded Composed of: (1) - Fluid End, Only (1) -GM-BSF1300STUDSET Stud and Nut Set	3	GM-AH36002-05.01.00
3	Fluid End, Only	3	GM-AH36002- 05.01.00LS

4	Stud and Nut set for one Fluid End Composed of: (12) – Item 5 & 6 (4) – Item 7 & 8 (10) – Item 9 & 10 (6) – Item 11 & 12 (4) – Item 13 & 14 (4) – Item 15 & (8) Item 16	3	GM-BSF1300STUDSET
5	Stud, 1-8x9 Cylinder to Liner Clamp	36	
6	Nut, 1-8 Hvy. Hex Cylinder to Liner Clamp	36	GM-AH36002-05.01.02
7	Stud, 1-1/4-8X9-1/2 Cylinder to Discharge Manifold	12	
8	Nut, 1-1/4 - 8 Hvy. Hex Cylinder to Discharge Manifold	12	GM-T51-2002
9	Stud, 1-1/2-8X8-5/8 Cylinder to Frame	30	
10	Nut, 1-1/2 - 8 Hvy. Hex Cylinder to Frame	30	GM-T51-2001
11	Stud, 1-1/2-8X6-7/8 Cylinder to Thread Ring	18	
12	Nut, 1-1/2-8 Hvy. Hex Cylinder to Thread Ring	18	GM-T51-2001
13	Stud, 1-1/2-8	12	
14	Nut, 1-1/2-8 Hvy. Hex Cylinder to Thread Ring	12	GM-T51-2001
15	Stud, 1-1/2-8	12	GM-T50-4015
16	Nut, 1-1/2-8 Hvy.	24	GM-T51-2001

<b>Item</b>	<b>Description</b>	<b>Qty. /Pump</b>	<b>Grizzly Part #</b>
17	Lower Valve Guide Retainer	3	GM-AH36001-05A.04
18	Lower Valve Guide with Bushing	3	GM-AH36001-05A.05.00
19	Alignment Ring	3	GM-AH36001-05A.07
20	Cylinder Head Plug	3	GM-AH36001-05A.06.00
21	Thread Ring	3	GM-AH36001-05.02
22	Cylinder Head	3	GM-AH36001-05.03
23	Valve Pot Cover	3	GM-AH36002-05.02
24	Valve Guide, Upper	3	GM-AH36001-05.12
25	Valve Guide Retainer	3	GM-AH36001-05.14
26	Blot 3/8-16UNCX 3/4 Include Wire	12	GM-AH36003-05.04
27	Linear Lock	3	GM-AH36001-05.18.00
28	Linear Thread Ring	3	GM-AH36001-05.17
29	Wear Plate	3	GM-AH36002-05.03
29S S	Wear Plate, Stainless Steel	3	GM-AH36002-05.03SS
30	Valve Cover Seal	3	GM-AH36001-05.13
31	Head Seal	3	GM-AH36001-05.08
32	Linear Seal	3	GM-AH36001-05.15
33	Wear Plate Gasket	3	GM-AH36001-05.15
34	Gasket, Discharge Manifold	3	GM-G83452.1-82
35	Gasket, Suction Manifold	3	GM-G83452,1-82
36	Cylinder Gasket Set, One Fluid End Composed Of: (1) - Gasket, Valve Cover (1) -Head Seal (1) - Liner Seal (1) -Wear Plate Gasket (3) - Gasket, Discharge Manifold	3	GM-FB1300GSKTSET

d	(3) - Gasket, Suction Manifold		
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### **8-P-80 FLUID END MODULE AND ACCESSORIES**

<b>Item</b>	<b>Description</b>	<b>Qty. /pump</b>	<b>Grizzly Part #</b>
1	Discharge Module Studed, Composed of: item 2, 3	3	GM-1291280
2	Discharge Module, Only	3	GM-1291281
3	Discharge Stud and Nut set, Composed of: (12)- item 11, (12)- item 10, (6) – item 9, (6) – item 8, (6) – item 7, (6) – item 6, (8) – item 5, (8) –item 4	3	GM-8PSTUDSET-D
4	Nut, 1 1/8" Hvy. Hex	24	GM-6033180
5	Stud, 1 1/8" X 5 3/4", Discharge to Frame	24	GM-2408026
6	Nut, 3/4" Hvy. Hex	18	GM-6300120
7	Stud, 3/4" X 5", Discharge to Liner Bushing	18	GM-2408025
8	Nut, 1 1/2 8UN-3A" Hvy. Hex	18	GM-6300241
9	Stud, 1 1/2" X 19 1/8", Discharge to Suction	18	GM-2408034
10	Nut, 1 3/8 Hvy. Hex	72	GM-6300220



11	Stud, 1 3/8" X 7 1/4" Top, Thread Ring	72	GM-2408019
12	Suction Module Studded, Composed of: item 13, 14	3	GM-1291283
13	Suction Module, Only	3	GM-1291284
14	Suction Module Stud and Nut Set Composed of: (12)- item 11, (12) - item 10	3	GM-8PSTUDSET-S
15	Stud and Nut Set, Composed of: item 3, 14	3	GM-8PSTUDSET
16	Bushing, Liner	3	GM-1291165
17	Seal Retainer	6	GM-1290174
18	Valve Cover, Threaded Cap	6	GM-1290307
19	Screw, Wedge Adjusting	6	GM-1290178
20	Nut, 1" Hvy. Hex	6	GM-6300160
21	Washer, Wedge Adjusting Screw	6	GM-1290315
22	Ring, Threaded	6	GM-1290308

Item	Description	Qty. /pump	Grizzly Part #
23	Wedge Assembly, Incl. (6) – GM-1290179-P WEDGE, Locking (1) – GM-1290181 SPRING	6	GM-1290376
24	Gasket, Valve Cover	6	GM-1540126
25	Holder, Valve Guide Insert	6	GM-1292140
26	Insert, Valve Guide	6	GM-1292141
27	Pin 7/8 X 2 Dowell	6	GM-6511416

27M	Pin 7/8 X 2 Dowell SS	6	GM-6511416M
28	Plate, Wear	3	GM-1290357
29	Connector, Discharge	2	GM-1290342
29S	Connector, Discharge	2	GM-1290342SS
30	Screw 1/2 X 1 1/2 Hex Head	16	GM-7000305-11
31	Washer, Lock 1/2"	16	GM-7619050
32	Adapter, Discharge Connector	2	GM-1290343
32S	Adapter, Discharge Connector	2	GM-1290343SS
33	Packing, Rectangular, Discharge Connector to Adaptor	2	GM-2410031-348
34	Packing, Rectangular Discharge Connector and Adaptor	4	GM-2410031-427
35	Clamp complete, Liner	3	GM-1291166
36	Stud 1 1/4" x 6 1/4"	16	GM-2402560
37	Nut, 1 1/4" Hvy. Hex	16	GM-6300200
38	Spacer Only, Discharge	2	GM-1291287
39	Spacer Studded, Discharge, Composed of: (8) – item 36, (8) – item 37, (1)-item 38	2	GM-1291286
40	Screw, 1 1/4 Hex Socket Head Cap	16	GM-7006607
41	Seal, Discharge Spacer	2	GM-1290345
42	Ring, No. R39-D Oval Joint	1	GM-6908033
43	Seal, Module	6	GM-1290344
44	Seal, Suction Manifold	3	GM-1590051
45	Module Gasket Set, Composed of: (2) - item 43, (2) – item 24, (3) – item 44, (1) – item 41, (2)- item 33, (4) - item 34	3	GM-8PGSKTSET
46	Ring, Back-up	4	GM-1290175

## 9-P-100 FLUID END MODULE AND ACCESSORIES

Item	Description	Qty. /pump	Grizzly Part #
1	Discharge Module Studded, Composed of: item 2, 3	3	GM-1293240
2	Discharge Module, Only	3	GM-1293241
3	Discharge Stud and Nut set, Composed of: (12)- item 11, (12) - item 10, (6) – item 7, (6) – item 6, (8) – item 5, (8) – item 4, (6) – item 9, (6) – item 8	3	GM-9PSTUDSET-D
4	Nut, 1 1/4" Hvy. Hex	24	GM-6300200
5	Stud, 1 1/4" X 6", Discharge to Frame	24	GM-2408030
6	Nut, 1" Hvy. Hex	18	GM-6300160
7	Stud, 1" X 5 7/8", Discharge to Liner Bushing	18	GM-2408018
8	Nut, 1 1/2 8UN-3A" Hvy. Hex	18	GM-6300241
9	Stud, 1 1/2" X 19 1/8", Discharge to Suction	18	GM-2408034
10	Nut, 1 3/8 Hvy. Hex	72	GM-6300220
11	Stud, 1 3/8" X 7 1/4" Top, Thread Ring	72	GM-2408019
12	Suction Module Studded, Composed of: item 13, 14	3	GM-1290338
13	Suction Module, Only	3	GM-1290339
14	Suction Module Stud and Nut Set, Composed of:	3	GM-9PSTUDSET-S

	(12)- item 11, (12) – item 10		
15	Stud and Nut Set Composed of: item 3, 14	3	GM-9PSTUDSET
16	Bushing, Liner	3	GM-1293165
17	Seal Retainer	6	GM-1290174
18	Valve Cover	6	GM-1290307
19	Screw, Wedge Adjusting	6	GM-1290178
20	Nut, 1" Hvy. Hex	6	GM-6300160
21	Washer, Wedge Adjusting Screw	6	GM-1290315
22	Ring, Threaded	6	GM-1290308

<b>Item</b>	<b>Description</b>	<b>Qty./pump</b>	<b>Grizzly Part #</b>
23	Wedge Assembly, Incl. (6) – GM-1290179-P WEDGE, Locking (1) – GM-1290181 SPRING	6	GM-1290376
24	Gasket, Valve Cover	6	GM-1540126
25	Holder, Valve Guide Insert	6	GM-1292140
26	Insert, Valve Guide	6	GM-1292141
27	Pin 7/8 X 2 Dowell	6	GM-6511416
27M	Pin 7/8 X 2 Dowell SS	6	GM-6511416M
28	Plate, Wear	3	GM-1290357
29	Connector, Discharge	2	GM-1290342
29S	Connector, Discharge	2	GM-1290342SS
30	Screw 1/2 X 1 1/2 Hex Head	16	GM-7000304-11
31	Washer, Lock 1/2"	16	GM-7619050

32	Adapter, Discharge Connector	2	GM-1290343
32S S	Adapter, Discharge Connector	4	GM-1290343SS
33	Packing, Rectangular, Discharge Connector to Adaptor	2	GM-2410031-348
34	Packing, Rectangular, Discharge Connector and Adaptor	4	GM-2410031-427
35	Clamp complete, Liner	3	GM-1293166
36	Stud 1 1/4" x 6 1/4"	16	GM-2402560
37	Nut, 1 1/4" Hvy. Hex	16	GM-6300200
38	Spacer Only, Discharge	2	GM-1293244
39	Spacer Studded, Discharge incl., Composed of: (8) – item 36, (8) – item 37, (1)-item 38	2	GM-1293243
40	Screw, 1 1/4 Hex Socket Head Cap	16	GM-7006606
41	Seal, Discharge Spacer	2	GM-1290345
42	Ring, No. R39-D Oval Joint	1	GM-6908033
43	Seal, Module	6	GM-1290344
44	Seal, Suction Manifold	3	GM-1590051
45	Module Gasket Set, <u>Composed of:</u> (2) - item 43, (2) – item 24, (3) – item 44, (1) – item 41, (2)- item 33, (4)- item 34	3	GM-9PGSKTSET
46	Ring, Back-up	4	GM-1290175

### 10-P-130 FLUID END MODULE AND ACCESSORIES

Item	Description	Qty. /pump	Grizzly Part #
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1	Discharge Module Studded Composed of: item 2, 3	3	GM-1290335
2	Discharge Module, Only	3	GM-1290336
3	Discharge Stud and Nut set , Composed of: (12) - item 11, (12)- item 10, (6) – item 7, (6) – item 6, (8) – item 5, (8) – item 4, (6) – item 9, (6) –item 8	3	GM-9PSTUDSET-D
4	Nut, 1 1/2“ Hvy. Hex	24	GM-6300240
5	Stud, 1 1/2“ X 6 7/8”, Discharge to Frame	24	GM-2408020
6	Nut, 1“ Hvy. Hex	18	GM-6300160
7	Stud, 1“ X 5 7/8”, Discharge to Liner Bushing	18	GM-2408018
8	Nut, 1 1/2 8UN-3A“ Hvy. Hex	18	GM-6300241
9	Stud, 1 1/2“ X 19 1/8”, Discharge to Suction	18	GM-2408034
10	Nut, 1 3/8 Hvy. Hex	72	GM-6300220
11	Stud, 1 3/8“ X 7 1/4” Top, Thread Ring	72	GM-2408019
12	Suction Module Studded,Composed of: item 13, 14	3	GM-1290338
13	Suction Module, Only	3	GM-1290339
14	Suction Module Stud and Nut Set, Composed of: (12)- item 11, (12) – item 10	3	GM-10PSTUDSET-S
15	Stud and Nut Set Composed of: item 3, 14	3	GM-10PSTUDSET
16	Bushing, Liner	3	GM-1290165
17	Seal Retainer	6	GM-1290174
18	Valve Cover	6	GM-1290307
19	Screw, Wedge Adjusting	6	GM-1290178

20	Nut, 1" Hvy. Hex	6	GM-6300160
21	Washer, Wedge Adjusting Screw	6	GM-1290315
22	Ring, Threaded	6	GM-1290308

Item	Description	Qty. /pump	Grizzly Part #
23	Wedge Assembly, Incl. (6) – GM-1290179-P WEDGE, Locking (1) – GM-1290181 SPRING	6	GM-1290376
24	Gasket, Valve Cover	6	GM-1540126
25	Holder, Valve Guide Insert	6	GM-1292140
26	Insert, Valve Guide	6	GM-1292141
27	Pin 7/8 X 2 Dowell	6	GM-6511416
27M	Pin 7/8 X 2 Dowell SS	6	GM-6511416M
28	Plate, Wear	3	GM-1290357
29	Connector, Discharge	2	GM-1290342
29S	Connector, Discharge	2	GM-1290342SS
30	Screw 1/2 X 1 1/2 Hex Head	16	GM-7000304-11
31	Washer, Lock 1/2"	16	GM-7619050
32	Adapter, Discharge Connector	2	GM-1290343
32S	Adapter, Discharge Connector	2	GM-1290343SS
33	Packing, Rectangular, Discharge Connector to Adaptor	2	GM-2410031-348
34	Packing, Rectangular, Discharge Connector and Adaptor	4	GM-2410031-427

35	Clamp complete, Liner	3	GM-1290166
36	Stud 1 1/4" x 6 1/4"	16	GM-2402560
37	Nut, 1 1/4" Hvy. Hex	16	GM-6300200
38	Spacer Only, Discharge	2	GM-1290341
39	Spacer Studded, Discharge, Composed of: (8) – item 36, (8) – item 37, (1)-item 38	2	GM-1290348
40	Screw, 1 1/4 Hex Socket Head Cap	16	GM-7006605
41	Seal, Discharge Spacer	2	GM-1290345
42	Ring, No. R39-D Oval Joint	1	GM-6908033
43	Seal, Module	6	GM-1290344
44	Seal, Suction Manifold	3	GM-1590051
45	Module Gasket Set, , Composed of: (2) - item 43, (2) – item 24, (3) – item 44, (1) – item 41, (2) - item 33, (4)- item 34	3	GM-10PGSKTSET
46	Ring, Back-up	4	GM-1290175

### **A600-PTFLUID END MODULE AND ACCESSORIES**

Item	Description	Qty./pump	Grizzly Part #
1	Fluid End – Studded incl. item 2 and 3	3	GM-10-304-052
2	Fluid End, only	3	
3	Stud and Nut set for one Fluid End incl. (4)GM-45-810-063 1-1/4 - 8 x 4-1/2 Stud, Fluid End to Discharge Manifold (4)GM-16-700-025 1-1/4 - 8 Nut,Hvy. Hex. Fluid End to Discharge Manifold (2) GM-45-810-020 1-1/8 – 8 x 5 – 1/4 Stud, Fluid End to Frame (2) GM-45-810-019 1 – 1/8 -8 X 4 Stud, Fluid End to Frame (4)GM-10-200-0041-1/8- 8 Nut, Hvy. Hex. Fluid End to Frame	3	GM-A600STUDSET



	(4)GM-45-810-018 7/ 8 – 9 x 3 Stud, Fluid End to Suction Manifold (4)GM-75-510-314 7/8 – 9 Hvy. Hex Nut		
4	1-1/4 - 8 x 4-1/2 Stud, Fluid End to Discharge Manifold	12	GM-45-810-063
5	1-1/4 - 8 Nut,Hvy. Hex. Fluid End to Discharge Manifold	12	GM-16-700-025
6	1-1/8 – 8 x 5 – 1/4 Stud, Fluid End to Frame	6	GM-45-810-020
7	1 – 1/8 -8 X 4 Stud, Fluid End to Frame	6	GM-45-810-019
8	1-1/8- 8 Nut, Hvy. Hex. Fluid End to Frame	12	GM-10-200-004
9	7/ 8 – 9 x 3 Stud, Fluid End to Suction Manifold	12	GM-45-810-018
10	7/8 – 9 Hvy. Hex Nut	12	GM-75-510-314
11	Gasket, Discharge Manifold	3	GM-08-568-023
12	Gasket, Suction Manifold	3	GM-10-305-103
13	Valve Cover	6	GM-10-305-097
14	Valve Cover Gasket	6	GM-10-268-004
15	Valve Guide	6	GM-10-304-054
16	Valve Guide Bushing	6	GM-20-200-004
17	1/2 - 13 X 1 Self Locking Caps	24	GM-75-632-135
18	Liner Wear Plate	3	GM-10-305-110
19	Wear Plate Gasket	3	GM-20-100-014
20	Liner Adapter	3	GM-10-305-020
21	Liner Nut	3	GM-10-305-037
22	5/8 – 11X 1-1/4 Dog Point Square Head Set Screw	9	GM-75-632-735
23	5/8 11 Hex Jam Nut	9	GM-75-510-508
24	Module Gasket Set, for One Fluid End , Composed of: (2) -GM-10-268-004 Valve Cover Gasket (1) -GM-20-100-014 Wear Plate Gasket (3) - GM-08-568-023 Gasket, Discharge Manifold (3) - GM-10-305-103 Gasket, Suction Manifold	3	GM-A600GSKTSET

**A850-PT A1100-PT A1400-PT A1700-PTFLUID END MODULE AND ACCESSORIES**

Item	Description	Qty./pump	Grizzly Part #
1	Fluid End – Studded (Incl. Items 2 Thru 3)	3	GM-10-300-181
2	Fluid End, only	3	GM-10-300-181LS
3	Stud and Nut set for one Fluid End incl. (4)GM-49-001-292 1-3/8 - 8 x 4-1/2 Stud, Fluid End to Discharge Manifold (4)GM-75-511-754 1-3/8 - 8 Nut,Hvy. Hex. Fluid End to Discharge Manifold (4) GM-49-002-837 1-3/4 – 8 X 7 -1/2 Stud, Fluid End to Frame (4)GM-75-510-126 1-3/4 – 8Hvy. Hex Nut, Fluid End to Frame	3	<a href="#">GM-A850STUDSET</a>
4	1-3/8 - 8 x 4-1/2 Stud, Fluid End to Discharge Manifold	12	GM-49-001-292
5	1-3/8 - 8 Hvy. Hex Nut, Fluid End to Discharge Manifold	12	GM-75-511-754
6	1-3/4 – 8 X 7 -1/2 Stud, Fluid End to Frame	12	GM-49-002-837
7	1-3/4 – 8Hvy. Hex Nut, Fluid End to Frame	12	GM-75-510-126
8	3/8” Std. B.M. Street Elbow	6	GM-86-342-103
9	Gasket, Discharge Manifold	3	GM-99-609-345
10	Gasket, Suction Manifold	3	GM-10-300-201
11	Valve Cover	6	GM-10-300-005
12	Valve Cover Gasket	6	GM-10-300-011
13	Valve Guide	6	GM-10-300-004
14	Valve Guide Bushing	6	GM-20-200-004
15	5/8 – 11 x 1-1/4 Self Locking Cap Screw	24	GM-75-632-234
16	Liner Wear Plate	3	GM-10-300-184
17	Liner Wear Plate Gasket	3	GM-20-100-008
18	Liner Adapter	3	GM-10-300-183
19	Liner Adapter Nut (A850-PT, A1100-PT)	3	GM-10-303-092
	Liner Adapter Nut (A1400-PT, A1700-PT)	3	GM-10-300-182
20	Liner Spacer Ring	3	GM-10-300-185
21	Liner Centering Sleeve (A850-PT, A1100-PT)	3	GM-10-303-091
	Liner Centering Sleeve (A1400-PT, A1700-PT)	3	GM-10-300-186
22	3/4-10 x 1-3/4 Dog point Square Head Set Screw	9	GM-75-632-758
23	3/4-10 x 2-1/4 Dog point Square Head Set Screw	9	GM-75-632-760
24	3/4 Lock Washer	9	GM-75-770-476
25	Module Gasket Set, for One Fluid End , Composed of:	3	GM-A850GSKTSET

- (2) - GM-10-300-011 Valve Cover Gasket
- (1) -GM-20-100-008 Wear Plate Gasket
- (3) -GM-99-609-345 Gasket, Discharge Manifold
- (3) -GM-10-300-201 Gasket, Suction Manifold

## A850-PT A1100-PT A1400-PT A1700-PT

### FLUID END MODULE (MODIFICATION) AND ACCESSORIES

Item	Description	Qty./pump	Grizzly Part #
1	Fluid End – Studded (Incl. Items 2 Thru 3)	3	GM-10-300-181
2	Fluid End (MODIFICATION) Incl. items 2A, 2B and 2C	3	GM-10-300-181LS-M
2A	Fluid End Body, only	3	
2B	Ring, Fluid End	6	
2C	1-1/4 Hex. Socket Cap Screw, Fluid End Ring	72	
3	Stud and Nut set for one Fluid End incl. (4)GM-49-001-292 1-3/8 - 8 x 4-1/2 Stud, Fluid End to Discharge Manifold (4)GM-75-511-754 1-3/8 - 8 Nut,Hvy. Hex. Fluid End to Discharge Manifold (4) GM-49-002-837 1-3/4 – 8 X 7 -1/2 Stud, Fluid End to Frame (4)GM-75-510-126 1-3/4 – 8Hvy. Hex Nut, Fluid End to Frame	3	GM-A850STUDSET
4	1-3/8 - 8 x 4-1/2 Stud, Fluid End to Discharge Manifold	12	GM-49-001-292
5	1-3/8 - 8 Hvy. Hex Nut, Fluid End to Discharge Manifold	12	GM-75-511-754
6	1-3/4 – 8 X 7 -1/2 Stud, Fluid End to Frame	12	GM-49-002-837
7	1-3/4 – 8Hvy. Hex Nut, Fluid End to Frame	12	GM-75-510-126
8	3/8” Std. B.M. Street Elbow	6	GM-86-342-103
9	Gasket, Discharge Manifold	3	GM-99-609-345
10	Gasket, Suction Manifold	3	GM-10-300-201
11	Valve Cover	6	GM-10-300-005
12	Valve Cover Gasket	6	GM-10-300-011
13	Valve Guide	6	GM-10-300-004
14	Valve Guide Bushing	6	GM-20-200-004

15	5/8 – 11 x 1-1/4 Self Locking Cap Screw	24	GM-75-632-234
16	Liner Wear Plate	3	GM-10-300-184
17	Liner Wear Plate Gasket	3	GM-20-100-008
18	Liner Adapter	3	GM-10-300-183
19	Liner Adapter Nut (A850-PT, A1100-PT)	3	GM-10-303-092
	Liner Adapter Nut (A1400-PT, A1700-PT)	3	GM-10-300-182
20	Liner Spacer Ring	3	GM-10-300-185
21	Liner Centering Sleeve (A850-PT, A1100-PT)	3	GM-10-303-091
	Liner Centering Sleeve (A1400-PT, A1700-PT)	3	GM-10-300-186
22	3/4-10 x 1-3/4 Dog point Square Head Set Screw	9	GM-75-632-758
23	3/4-10 x 2-1/4 Dog point Square Head Set Screw	9	GM-75-632-760
24	3/4 Lock Washer	9	GM-75-770-476
25	Module Gasket Set, for One Fluid End , Composed of: (2) - GM-10-300-011 Valve Cover Gasket (1) -GM-20-100-008 Wear Plate Gasket (3) -GM-99-609-345 Gasket, Discharge Manifold (3) -GM-10-300-201 Gasket, Suction Manifold	3	GM-A850GSKTSET

### **WH-1000-BFLUID END MODULE AND ACCESSORIES**

Item	Description	Qty./pump	Grizzly Part #
1	Fluid End – Studded	3	GM-C-171411STD
2	Fluid End, only	3	GM-C-171411
3	Stud and Nut set for one Fluid End incl. (6) 1-1/4” – 8 UN STUD, FRAME GM-B-171315-01 (8) 1-3/8” – 8 UN STUD, CYLINDER HEADGM-B-171315-02 (8)1-1/4” – 8 UN STUD, VALVE COVER GM-B-171315-03 (8) 1-3/8” – 8 UN STUD, LINER GM-B-171315-04 (4) 1” – 8 UN STUD, DISCHARGE MANIFOLD GM-B-171315-05 (14) 1-1/4” – 8 UN HEAVY HEX NUT GM-NUT-114-8 (16) 1-3/8” – 8 UN HEAVY HEX NUT GM-NUT-138-8	3	GM-WH1000STUDSET

	(4) 1" – 8 UN HEAVY HEX NUT GM-NUT-1-8		
4	1-1/4" – 8 UN STUD, FRAME	18	GM-B-171315-01
5	1-3/8" – 8 UN STUD, CYLINDER HEAD	24	GM-B-171315-02
6	1-1/4" – 8 STUD, VALVE COVER	24	GM-B-171315-03
7	1-3/8" – 8 STUD, LINER	24	GM-B-171315-04
8	1" – 8 UN STUD, DISCHARGE MANIFOLD	12	GM-B-171315-05
9	1-1/4" – 8 UN HEAVY HEX NUT	42	GM-NUT-114-8
10	1-3/8" – 8 UN HEAVY HEX NUT	48	GM-NUT-138-8
11	1" – 8 UN HEAVY HEX NUT	12	GM-NUT-1-8
12	3/4" X 1-1/2" FERRY HEAD CAP SCREW	3	GM-HCS-34-112
13	VALVE COVER LOCK	3	GM-B-171414
14	VALVE COVER FLANGE	3	GM-B-171413
15	VALVE POT COVER	3	GM-A-171425
16	VALVE GUIDE BUSHING, UPPER	3	GM-A-160327
17	CYLINDER HEAD LOCK	3	GM-B-171420-A
18	CYLINDER HEAD FLANGE	3	GM-B-171418
19	CYLINDER HEAD	3	GM-B-171419-A
20	LOWER VALVE GUIDE	3	GM-C-171412
21	VALVE GUIDE BUSHING, LOWER	3	GM-A-171416
22	1/8" X 2-1/2" COTTER PIN	3	GM-CP-18-212
23	LINER FLANGE	3	GM-C-171402
24	GASKET, VALVE COVER	3	GM-A-162127
25	GASKET, CYLINDER HEAD	3	GM-A-162122
26	GASKET, LINER	3	GM-A-162121
27	GASKET, SUCTION MANIFOLD	3	GM-EO-113
28	GASKET, DISCHARGE MANIFOLD	3	GM-EO-114
29	GASKET, SET for One Fluid End, Composed of: (1) – Item 24, (1) – Item 25, (1) – Item 26, (3) – Item 27, (3) – Item 28	3	GM-WH1000-GSKTSET
30	DISCHARGE MANIFOLD	1	GM-C-171422
31	Ring Joint Gasket, DISCHARGE MANIFOLD	2	GM-R39

## PZ-7, 8, 9 FLUID END MODULE AND ACCESSORIES

Item	Description	Qty. /Pump	Grizzly Part #
1	FLUID CYLINDER completed	3	GM-
2	FLUID CYLINDER, only	3	GM-200TEE029B
3	STUD and NUT set for one Fluid Cylinder Incl. (16) - GM-201TEE110 (16) -GM-50B32 (4) -GM-79L96 (4) -GM-50B32 (4) - GM-50B34 (4) - GM-50B34 (4) - GM-50AQ30	3	GM-PE5STUDSET
4	STUD, Fluid Cylinder Valve Cover	48	GM-201TEE110
5	NUT, Valve Cover Stud	48	GM-50B32
6	STUD, Fluid Cylinder to Discharge Manifold	12	GM-79L96
7	NUT, Discharge Manifold to Fluid Cylinder Stud	12	GM-50B32
8	STUD, Fluid Cylinder to Frame & Stuffing Box	12	GM-200TEE110
9	NUT, Fluid Cylinder to Frame Stud	12	GM-50B34
10	NUT, Stuffing Box to Fluid Cylinder Stud	12	GM-50AQ30
11	Screw, Suction Manifold to Cylinder	20	GM-655EF060
12	Valve Cover	6	GM-200TEE147
13			
14	Crosshead (Standard Size)	3	GM-300TEE005

14A	Crosshead ( Oversized)	3	GM-301TEE005
16	Pin, Crosshead	3	GM-2005051
	Retainer Ring, Crosshead Pin	3	GM-64W19

Item	Description	Qty. /Pump	Grizzly Part #
17	Extension Rod	3	GM-300TEE839
18			
19			
20			
21			
22			
23			
24			
25			
26			
27	Gasket, Hydraulic Ring Valve Cover	6	GM-25AL20
28	Gasket, Suction Manifold to Cylinder	3	GM-25C1271N
29	Gasket, Discharge Manifold to Cylinder	3	GM-25AL59
30			
31			
32			
33			
34	Module Gasket set Composed of: (2) - GM-2011862 GASKET, Valve Cover (1) - GM-M1158 LINER WEAR PLATE GASKET (3) - GM-25G41 GASKET, Suction	3	GM-PZ8GSKTSET

Manifold to Cylinder		
(3) - GM-25AL35 GASKET, Discharge manifold to Cylinder		
(1) - GM25AT37 GASKET, Liner		