



MCM OIL TOOLS

Tel: 713-541-1212 Fax: 713-541-4664 E-mail: sales@mcmoiltools.com

9217 Summerbell Lane, Houston, Texas 77074



6A-0566

MCM OIL TOOLS products are manufactured and engineered to exact specifications. Our Products meet or exceed the OEM's Material specifications.

Material Certifications are kept on all products and available upon request.

All MCM OIL TOOLS' replacement parts are completely interchangeable with OEM components.

We offer quality products at very competitive prices. Our large inventory enables us to promptly fill orders.

MCM OIL TOOLS is API 6A Certified.

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OEM part numbers shown in this Catalog are for reference only

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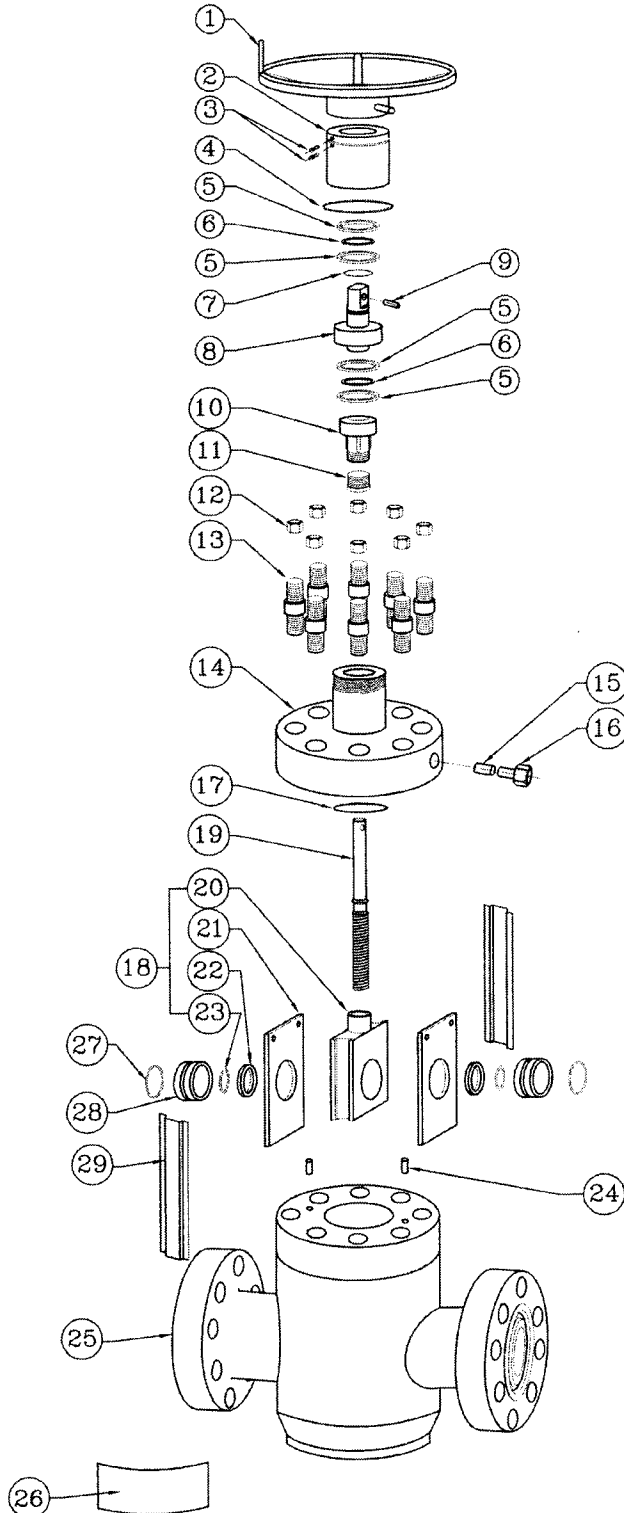
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Cameron Type 'F' & 'FC' Manual Valve



Parts List

- 1 Hand Wheel
- 2 Bearing Cap
- 3 Grease Fitting (Bearing Cap)
- 4 O-Ring
- 5 Bearing Race
- 6 Thrust Bearing
- 7 O-Ring (Stem Adapter)
- 8 Stem Adapter
- 9 Stem Pin
- 10 Packing Gland
- 11 Stem Packing
- 12 Nut
- 13 Stud
- 14 Bonnet
- 15 Check Valve
- 16 Grease Fitting
- 17 Bonnet Gasket
- 18 Gate & Seat Assembly
- 19 Stem
- 20 Gate
- 21 Retainer Plate
- 22 Seat Ring
- 23 Seal Ring
- 24 Pin
- 25 Body
- 26 Name Plate
- 27 Seal Ring
- 28 Body Bushing
- 29 Guide



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Replacement Parts for Cameron Type 'F' & 'FC' Manual Valve 1-13/16"

Item No.	Description	Qty	10,000 PSI	10,000 PSI	15,000 PSI	15,000 PSI	15,000 PSI
			Stainless Steel Trim	Super Trim	Stainless Steel Trim	Super Trim	Full SS w/Super Trim
			Part Number	Part Number	Part Number	Part Number	Part Number
1	Handwheel	1	19937-01	19937-01	19937-03	19937-03	19937-03
2	Bearing Cap	1	19106-01	19106-01	19106-01	19106-01	19106-01
3	Grease Fitting (Bearing Cap)	2	5929-05	5929-05	5929-05	5929-05	5929-05
4	O-Ring	1	6227-43-38-50	6227-43-38-50	6227-43-38-50	6227-43-38-50	6227-43-38-50
5	Bearing Race	4	19108-01	19108-01	19108-01	19108-01	19108-01
6	Thrust Bearing	2	5931-09	5931-09	5931-09	5931-09	5931-09
7	O-Ring (Stem-Adapter)	1	6227-27-01-70	6227-27-01-70	6227-27-01-70	6227-27-01-70	6227-27-01-70
8	Stem Adapter	1	20871-01	20871-01	20871-01	20871-01	20871-01
9	Stem Pin	1	21812-14	21812-14	21812-14	21812-14	21812-14
10	Packing Gland	1	690162	690162	690162	690162	690162
11a	Stem Packing	1	23678-01	686598-01	686598-01	686598-01	686598-01
* 11b	Back Up Ring	1	-	-	691889-01	691889-01	691889-01
12	Nut	8	5926-25-10	5926-25-10	5926-25-10	5926-25-10	5926-25-10
13	Stud	8	5914-21-10	5914-21-10	5914-21-10	5914-21-10	5914-21-10
14	Bonnet	1	33297-02-01	33297-02-01	33297-03-01	33297-03-01	33297-03-02
15	Check Valve	1	19776-01	678627-01-99	19776-01	678627-01-99	678627-01-99
16	Grease Fitting	1	5929-25	5929-55	5929-25	5929-55	5929-55
17a	Bonnet Gasket (TYPE 'F')	1	19141-06	19141-06	19141-06	19141-06	19141-06
17b	Bonnet Gasket (TYPE 'FC')	1	44671-01	44671-01	44671-01	44671-01	44671-01
18	Gate & Seat Assembly	1	21353-17-02	21353-17-16	21353-17-3	21353-17-16	21353-17-36
19	Stem	1	19285-01	29381-01-99	19285-01	29381-1-99	29381-1-99
20	Gate	1	19797-03	23039-02	19797-02	23039-02	23039-06
21	Retainer Plate	2	611404-09	611404-09	611404-09	611404-09	611404-10
22	Seat Ring	2	611527-01	611527-01	611527-01	611527-01	611527-01
23	Seal Ring	2	610500-49	610500-49	610500-49	610500-49	610500-49
24	Pin		-	-	-	-	-
25	Body	1	44651-01	44651-01	44651-01	44651-01	44651-02
26	Name Plate	1	19052-01	19052-01	19052-01	19052-01	19052-01
** 27	Seal Ring	2	610500-49	610500-49	610500-49	610500-49	610500-49
** 28	Body Bushing	2	630693-02	630693-02	630693-02	630693-02	630693-02
** 29	Guide	2	44646-01	44646-01	44646-01	44646-01	44646-01

* 15,000 PSI Req. 2 Parts, 1 Packing, 1 Ring.

** Not Used on F Type.



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Replacement parts for Cameron Type 'F' & 'FC' Manual Valve 2-1/16"

Item No.	Description	Qty	5,000 PSI	5,000 PSI	10,000 PSI	10,000 PSI	15,000 PSI	15,000 PSI
			Regular Trim	Super Trim	Stainless Steel Trim	Super Trim	Stainless Steel Trim	Super Trim
			Part Number	Part Number	Part Number	Part Number	Part Number	Part Number
1	Handwheel	1	19937-01	19937-01	19937-03	19937-03	19937-03	19937-03
2	Bearing Cap	1	19106-01	19106-01	19106-01	19106-01	19106-01	19106-01
3	Grease Fitting (Bearing Cap)	2	5929-05	5929-05	5929-05	5929-05	5929-05	5929-05
4	O-Ring	1	6227-43-38-50	6227-43-38-50	6227-43-38-50	6227-43-38-50	6227-43-38-50	6227-43-38-50
5	Bearing Race	4	19108-01	19108-01	19108-01	19108-01	19108-01	19108-01
6	Thrust Bearing	2	5931-09	5931-09	5931-09	5931-09	5931-09	5931-09
7	O-Ring (Stem-Adapter)	1	6227-27-01-70	6227-27-01-70	6227-27-01-70	6227-27-01-70	6227-27-01-70	6227-27-01-70
8	Stem Adapter	1	20871-01	20871-01	20871-01	20871-01	20871-01	20871-01
9	Stem Pin	1	21812-14	21812-14	21812-14	21812-14	21812-14	21812-14
10	Packing Gland	1	690162	690162	690162	690162	690162	690162
11a	Stem Packing	1	23678-01	686598-01	23678-01	686598-01	686598-01	686598-01
* 11b	Back Up Ring	1	—	—	—	—	691889-01	691889-01
12	Nut	8	5926-09	5926-09	5926-25	5926-25	5926-23-10	5926-23-10
13	Stud	8	5912-67	5912-67	5914-18	5914-18	5915-67-10	5915-67-10
14	Bonnet	1	33297-01-01	33297-01-01	33297-04-01	33297-04-01	33297-05-01	33297-05-01
15	Check Valve	1	—	—	678627-01-99	19776-01	678627-01-99	678627-01-99
16	Grease Fitting	1	5929-25	5929-55	5929-25	5929-55	5929-25	5929-55
17	Bonnet Gasket	1	21793-09	21793-11	19141-07	19141-07	19141-07	19141-07
18	Gate & Seat Assembly	1	21353-02-01	21353-02-12	21353-02-03	21353-02-13	21353-02-03	21353-02-13
19	Stem	1	19778-01	29381-01-99	29381-01-99	29381-01-99	19285-01	29381-01-99
20	Gate	1	19798-04	23042-02	19798-03	23042-02	19798-03	23042-02
21	Retainer Plate	2	611404-01	611404-01	611404-01	611404-01	611404-01	611404-01
22	Seat Ring	2	44844-06	44844-06	44844-06	44844-06	44844-06	44844-06
23	Seal Ring	2	610500-23	610500-23	610500-23	610500-23	610500-23	610500-23
24	Pin	2	21813-06	21813-06	—	—	—	—
25	Body	1	694812-01-01	694812-01-01	235000-01-01	235000-01-01	610591-01	610591-02
26	Name Plate	1	19052-01	19052-01	19052-01	19052-01	19052-01	19052-01
** 27	Seal Ring	2	610500-23	610500-23	610500-23	610500-23	610500-23	610500-23
** 28	Body Bushing	2	630691-01	630691-01	630691-01	630691-01	630691-01	630691-01
** 29	Guide	2	694811-01	694811-01	694811-01	694811-01	694811-01	694811-01

* 15,000 PSI Req. 2 Parts, 1 Packing, 1 Ring.

** Not Used on 'F' Type.



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Replacement parts for Cameron Type 'F' & 'FC' Manual Valve 2-9/16"

Item No.	Description	Qty.	5,000 PSI	5,000 PSI	10,000 PSI	10,000 PSI	15,000 PSI	15,000 PSI	15,000 PSI
			Regular Trim	Super Trim	Stainless Steel Trim	Super Trim	Stainless Steel Trim	Super Trim	Full SS w/Super Trim
			Part Number	Part Number	Part Number	Part Number	Part Number	Part Number	Part Number
1	Handwheel	1	19937-01	19937-01	19937-03	19937-03	19937-03	19937-03	19937-03
2	Bearing Cap	1	19106-01	19106-01	19106-01	19106-01	19312-01	19312-01	19312-01
3	Grease Fitting (Bearing Cap)	2	5929-05	5929-05	5929-05	5929-05	5929-05	5929-05	5929-05
4	O-Ring	1	6227-43-38-50	6227-43-38-50	6227-43-38-50	6227-43-38-50	6227-43-38-50	6227-43-38-50	6227-43-38-50
5	Bearing Race	4	19108-01	19108-01	19108-01	19108-01	19310-01	19310-01	19310-01
6	Thrust Bearing	2	5931-09	5931-09	5931-09	5931-09	5931-10	5931-10	5931-10
7	O-Ring (Stem-Adapter)	1	6227-27-01-70	6227-27-01-70	6227-27-01-70	6227-27-01-70	6227-27-01-70	6227-27-01-70	6227-27-01-70
8	Stem Adapter	1	20871-01	20871-01	20871-01	20871-01	20873-01	20873-01	20873-01
9	Stem Pin	1	21812-14	21812-14	21812-14	21812-14	21812-15	21812-15	21812-15
10	Packing Gland	1	20874-01	20874-01	20874-01	690162	20890-01	20890-01	20890-01
11	Stem Packing *	1	23678-01	686598-01	23678-01	686598-01	666853-02	666853-02	666853-02
12	Nut	12	5926-10-10	5926-10-10	5926-23-10	5926-23-10	5926-25-10	5926-25-10	5926-25-10
13	Stud	12	5915-60-10	5915-60-10	5915-40-10	5915-40-10	5926-2-10	5926-2-10	5926-2-10
14	Bonnet	1	33297-06-01	33297-06-01	33297-08-01	33297-08-01	33298-01-01	33298-01-01	33298-01-01
15	Check Valve	1	—	—	19776-01	678627-01-99	19776-01	678627-01-99	19776-01
16	Grease Fitting	1	5929-25	5929-55	5929-25	5929-55	5929-25	5929-55	5929-55
17a	Bonnet Gasket (TYPE 'F')	1	21793-10	21793-12	19141-08	19141-08	19141-12	19141-12	19141-12
17b	Bonnet Gasket (TYPE 'FC')	1	21793-10	21793-12	19141-08	19141-08	44671-2	44671-2	44671-2
18	Gate & Seat Assembly	1	21353-25-03	21353-25-20	21353-25-04	21353-25-14	21353-25-05	21353-25-16	21353-25-15
19	Stem	1	19778-02	29381-02-99	19285-02	29381-02-99	23253-03	38228-03-99	23283-03
20	Gate	1	19799-05	23044-02	19799-03	23044-02	20986-03	23426-02	20986-03
21	Retainer Plate	2	611404-11	611404-11	611404-11	611404-11	611404-07	611404-07	611404-08
22	Seat Ring	2	44839-06	44839-06	44839-06	44839-06	44922-06	44922-06	44922-06
23	Seal Ring	2	610500-33	610500-33	610500-33	610500-33	610500-52	610500-52	610500-52
24	Pin	2	21813-06	21813-06	—	—	—	—	—
25	Body	1	694812-01-01	694812-04-01	32878-11	32878-11	44645-01	44645-01	44645-02
26	Name Plate	1	19052-01	19052-01	19052-01	19052-01	19052-01	19052-01	19052-01
27	Seal Ring **	2	610500-33	610500-33	610500-33	610500-33	610500-33	610500-33	610500-33
28	Body Bushing**	2	630597-01	630597-01	630597-01	630597-01	630501-01	630501-01	630501-01
29	Guide **	2	235041-01	235041-01	235041-01	235041-01	44641-01	44641-01	44641-01

* 15,000 PSI Req. 2 Parts, 1 Packing, 1 Ring.

** Not Used on 'F' Type.



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Replacement parts for Cameron Type 'F' & 'FC' Manual Valve 3-1/8" & 3-1/16"

Item No.	Description	Qty	3-1/8" 5,000 PSI	3-1/8" 5,000 PSI	3-1/16" 10,000 PSI	3-1/16" 10,000 PSI	3-1/16" 15,000 PSI	3-1/16" 15,000 PSI	3-1/16" 15,000 PSI
			Regular Trim	Super Trim	Stainless Steel Trim	Super Trim	Stainless Steel Trim	Super Trim	Full SS w/Super Trim
			Part Number	Part Number	Part Number	Part Number	Part Number	Part Number	Part Number
1	Handwheel	1	19937-03	19937-03	20774-02	20774-02	20774-02	20774-02	20774-02
2	Bearing Cap	1	19106-01	19106-01	19106-01	19106-01	678472-01	678472-01	678472-01
3	Grease Fitting (Bearing Cap)	2	5929-05	5929-05	5929-05	5929-05	5929-05	5929-05	5929-05
4	O-Ring	1	6227-43-38-50	6227-43-38-50	6227-43-38-50	6227-43-38-50	6227-43-38-50	6227-43-38-50	6227-43-38-50
5	Bearing Race	4	19108-01	19108-01	19108-01	19108-01	19310-02	19310-02	19310-02
6	Thrust Bearing	2	5931-09	5931-09	5931-09	5931-09	5931-22	5931-22	5931-22
7	O-Ring (Stem-Adapter)	1	6227-27-01-70	6227-27-01-70	6227-27-01-70	6227-27-01-70	6230-08-01-70	6230-08-01-70	6230-08-01-70
8	Stem Adapter	1	20871-01	20871-01	20871-01	20871-01	678474-01	678474-01	678474-01
9	Stem Pin	1	21812-14	21812-14	21812-14	21812-14	21812-60	21812-60	21812-60
10	Packing Gland	1	20874-01	20874-01	20874-01	20874-01	677509-02	677509-02	677509-02
11a	Stem Packing *	1	23678-01	686598-01	23678-01	686598-01	666853-11	686598-12	686598-12
11b	Back Up Ring	1	—	—	—	—	691889-03	691889-03	691889-03
12	Nut	8	5926-25-10	5926-25-10	5926-24-10	5926-24-10	—	—	—
13	Stud	8	5914-21-10	5914-21-10	5917-33-10	5917-33-10	—	—	—
14	Bonnet	1	33297-09-01	33297-09-01	33297-10-01	33297-10-01	677513-02-01	677513-02-01	677513-02-01
15	Check Valve	1	—	—	19776-01	678627-01-99	19776-01	683590-1-99	683590-1-99
16	Grease Fitting	1	5929-25	5929-55	5929-25	5929-55	5929-25	5929-55	5929-55
17a	Bonnet Gasket (TYPE 'F')	1	21793-08	21793-27	19141-10	19141-10	19141-13	19141-13	19141-13
17b	Bonnet Gasket (TYPE 'FC')	1	21793-08	21793-27	19141-10	19141-10	44671-04	44671-04	44671-04
18	Gate & Seat Assembly	1	21353-03-01	21353-03-16	21353-03-02	21353-03-07	21353-03-32	21353-25-34	21353-03-33
19	Stem	1	19778-03	29381-03	19285-03	29381-49	687853-01	688590-01-99	688590-01-99
20	Gate	1	19800-03	23791-01	19800-02	23247-02	677512-02	678253-01	677512-01
21	Retainer Plate	2	611404-03	611404-03	611404-03	611404-03	611404-15	611404-15	611404-15
22	Seat Ring	2	44783-06	44783-06	44783-06	44783-06	678353-01	678353-01	678353-01
23	Seal Ring	2	610500-50	610500-50	610500-50	610500-50	610500-55	610500-55	610500-55
24	Pin	2	21813-06	21813-06	—	—	—	—	—
25	Body	1	—	—	694480-01	694480-01	44830-01	44737-01	44830-01
26	Name Plate	1	19052-01	19052-01	19052-01	19052-01	19052-01	19052-01	19052-01
27	Seal Ring **	2	610500-50	610500-50	610500-50	610500-50	610500-55	610500-55	610500-55
28	Body Bushing **	2	630690-01	630690-01	630469-06	630469-06	630471-02	630471-02	630471-02
29	Guide **	2	694482-01	694482-01	694482-01	694482-01	44640-01	44640-01	44640-01

* 15,000 PSI Req. 2 Parts, 1 Packing, 1 Ring. ** Not Used on 'F' Type.



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Replacement parts for Cameron Type 'F' & 'FC' Manual Valve 4-1/16"

Item No.	Description	Qty	5,000 PSI	5,000 PSI	10,000 PSI	10,000 PSI	15,000 PSI	15,000 PSI	15,000 PSI
			Regular Trim	Super Trim	Stainless Steel Trim	Super Trim	Stainless Steel Trim	Super Trim	Full SS w/Super Trim
			Part Number	Part Number	Part Number	Part Number	Part Number	Part Number	Part Number
1	Handwheel	1	19937-03	19937-03	20774-02	20774-02	20774-02	20774-02	20774-02
2	Bearing Cap	1	19106-01	19106-01	19312-01	19312-01	681111-01	681111-01	681111-01
3	Grease Fitting (Bearing Cap)	2	5929-05	5929-05	5929-05	5929-05	5929-05	5929-05	5929-05
4	O-Ring	1	6227-43-38-50	6227-43-38-50	6227-43-38-50	6227-43-38-50	—	—	—
5	Bearing Race	4	19108-01	19108-01	19310-01	19310-01	19310-02	19310-02	19310-02
6	Thrust Bearing	2	5931-09	5931-09	5931-10	5931-10	5931-22	5931-22	5931-22
7	O-Ring (Stem-Adapter)	1	6227-27-01-70	6227-27-01-70	6230-02-01-70	6230-02-01-70	6854-48	6854-48	6854-48
8	Stem Adapter	1	20871-01	20871-01	20873-01	20873-01	681112-01	681112-01	681112-08
9	Stem Pin	1	21812-14	21812-14	21812-15	21812-15	21813-34	21813-34	21813-34
10	Packing Gland	1	20874-01	20874-01	20890-01	690169	681113-01	690164	690164
11	Stem Packing *	1	23678-01	686598-01	23678-02	686598-02	666853-11	686598-12	686598-12
12	Nut	8	5926-23-10	5926-23-10	5926-27-10	5926-27-10	5926-28-10	5926-28-10	5926-28-10
13	Stud	8	5915-67-10	5915-67-10	6306-22-10	6306-22-10	7311-06-10	7311-06-10	7311-06-10
14	Bonnet	1	33297-14-01	33297-14-01	33298-02-01	33298-02-01	682254-01	682254-01	682254-02
15	Check Valve	1	—	—	19776-01	678627-01-99	19776-01	678627-01-99	678627-01-99
16	Grease Fitting	1	5929-25	5929-55	5929-25	5929-55	5929-25	5929-55	5929-55
17	Bonnet Gasket	1	21794-20	21794-03	19141-11	19141-11	19141-15	19141-15	19141-15
18	Gate & Seat Assembly	1	21353-04-01	21353-04-11	21353-04-03	21353-04-12	21353-04-41	21353-04-42	21353-04-43
19	Stem	1	19778-04	29381-04-99	23253-01	38228-01-99	682256-01	682564-01-99	682564-01-99
20	Gate	1	19801-03	23248-01	19794-02	23249-01	682255-01	682255-02	682255-05
21	Retainer Plate	2	611404-05	611404-05	611404-17	611404-17	682257-01	682257-01	682257-02
22	Seat Ring	2	610482-03	610482-03	610978-02	610978-02	611535-02	611535-02	611535-02
23	Seal Ring	2	610500-47	610500-47	610500-47	610500-47	610500-58	610500-58	610500-58
24	Pin	2	21813-06	21813-06	—	—	—	—	—
25	Body	1	—	—	—	—	611288-03	611288-03	611288-04
26	Name Plate	1	19052-01	19052-01	19052-01	19052-01	19052-01	19052-01	19052-01
27	Seal Ring **	2	610500-47	610500-47	610500-47	610500-47	610500-47	610500-47	610500-47
28	Body Bushing**	2	630472-02	630472-02	610774-02	610774-02	630706-02	630706-02	630706-02
29	Guide	2	694816-01	694816-01	694406-01	694406-01	611045-01	611045-01	611045-01

** 15,000 PSI Req. 2 Parts, 1 Packing, 1 Ring.

* Not Used on 'F' Type



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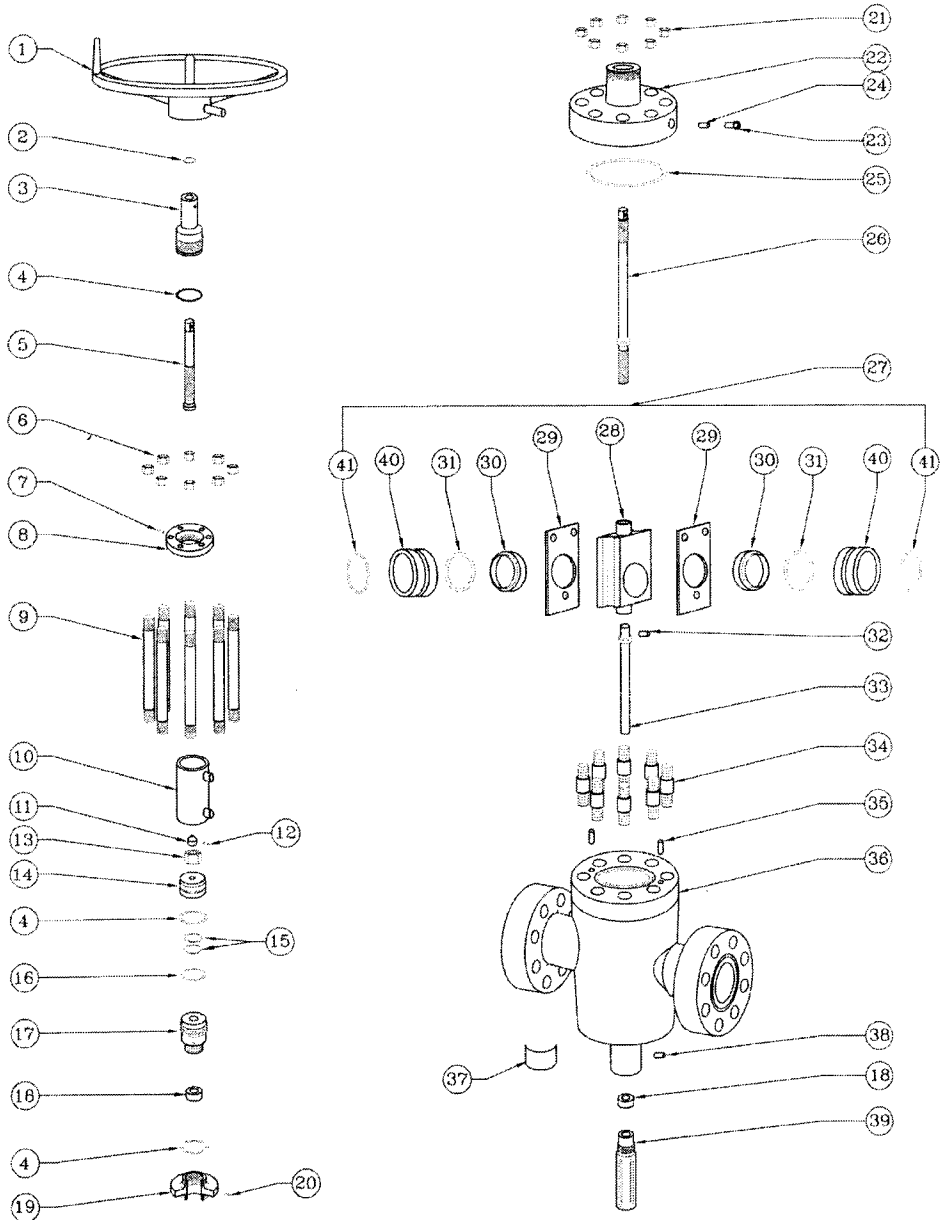


6A-0566

Cameron Style 'F' & 'FC' Hydraulic Valve

Parts List

- 1 Hand Wheel
- 2 O-Ring
- 3 Adjusting Nut
- 4 O-Ring
- 5 Locking Screw
- 6 Cylinder Head Nut
- 7 Set Screw
- 8 Blind Cylinder Head
- 9 Cylinder Head Stud
- 10 Cylinder
- 11 Centering Pin
- 12 Set Screw
- 13 Piston Lock Nut
- 14 Piston
- 15 O-Ring
- 16 O-Ring
- 17 Gland
- 18 Stem Packing
- 19 Lower Cylinder Head
- 20 Relief Valve
- 21 Bonnet Nut
- 22 Bonnet
- 23 Grease Fitting
- 24 Valve Check
- 25 Bonnet Gasket
- 26 Stem
- 27 Gate & Seat Assy.
- 28 Gate
- 29 Retainer Plate
- 30 Seat Ring
- 31 Seal Ring
- 32 Pin
- 33 Lower Stem
- 34 Bonnet Stud
- 35 Bonnet Locating Pin
- 36 Body
- 37 Name Plate
- 38 Pipe Plug
- 39 Stem Protector
- 40 Body Bushing
- 41 Body Bushing Seal
- 42 Guide
- 43 Grease Fitting





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6A-0566

Replacement parts for Cameron Type 'F' & 'FC' Hydraulic Valve 2-1/16"

Item No.	Description	5,000 PSI		10,000 PSI		15,000 PSI		
		H2S Trim		H2S Trim		H2S Trim		
		Qty	Part Number	Qty	Part Number	Qty	Part Number	
1	Handwheel	1	19937-1	1	19937-3	1	19937-3	
*	2	O-Ring	1	6227-27-1-70	1	6227-27-1-70	1	6227-27-1-70
	3	Adjusting Nut	1	22936-1	1	22936-1	1	22936-1
*	4	O-Ring	3	6227-48-1-70	3	6227-48-1-70	3	6227-48-1-70
	5	Locking Screw	1	18597-1	1	18597-1	1	18597-1
	6	Cylinder Head Nut	6	5926-8	6	5926-8	6	5926-8
	7	Set Screw	2	5940-6	2	5940-6	2	5940-6
	8	Blind Cylinder Head	1	22939-1	1	22939-1	1	22939-1
	9	Cylinder Head Stud	6	5911-48	6	5911-48	6	5911-48
	10	Cylinder	1	20459-4	1	20459-4	1	20459-4
	11	Centering Pin	1	18596-1	1	18596-1	1	18596-1
	12	Set Screw	1	5940-1-4	1	5940-1-4	1	5940-1-4
	13	Piston Lock Nut	1	5953-5	1	5953-5	1	5953-5
	14	Piston	1	20582-1	1	20582-1	1	20582-1
*	15	O-Ring	2	6227-19-1-70	2	6227-19-1-70	2	6227-19-1-70
*	16	O-Ring	1	6227-36-13-85	1	6227-36-13-85	1	6227-36-13-85
	17	Gland	1	20454-2	1	20454-2	1	20454-2
*	18	Stem Packing	2	686598-1	2	686598-1	2	686598-1
	19	Lower Cylinder Head	1	20583-1	1	20583-1	1	20583-1
	20	Relief Valve	1	5929-10	1	5929-10	1	5929-10
	21	Bonnet Nut	8	5926-9	8	5926-25	8	12955-17
	22	Bonnet	1	33297-1-1	1	33297-4-1	1	33297-5-1
*	23	Grease Fitting	1	5929-55	1	5929-55	1	5929-55
	24	Valve Check	-	-	1	678627-1	1	678627-1
*	25	Bonnet Gasket	1	21793-11	1	19141-7	1	19141-7
*	26	Stem	1	34272-1	1	34272-1	1	34272-1
*	27	Gate & Seat Assembly	1	21436-2-4	1	21436-2-4	1	21436-2-4
*	28	Gate	1	29786-01	1	29786-1	1	29786-1
*	29	Retainer Plate	2	21356-1	2	21356-1	2	21356-1
*	30	Seat Ring	2	18593-1	2	18593-2	2	18593-2
*	31	Seal Ring	2	610500-23	2	610500-23	2	610500-23
	32	Pin	1	21812-52	1	21812-52	1	21812-52
	33	Lower Stem	1	34271-2	1	34271-2	1	34271-2
	34	Bonnet Stud	8	5912-67	8	5914-18	8	5915-67
	35	Bonnet locating Pin	2	21813-6	-	-	-	-
	36	Body	1	20465-1	1	20465-28	1	20465-3
	37	Name Plate	1	19052	1	19052	1	19052
	38	Pipe Plug	1	5930-1	1	5930-1	1	5930-1
	39	Stem Protector	1	20460-2	1	20460-2	1	20460-2
	40	Body Bushing	2	694810-01	2	694810-01	2	694810-01
	41	Body Bushing Seal	2	14719-69	2	14719-69	2	14719-69
	42	Guide	2	694811-01	2	694811-01	2	694811-01
	43	Grease Fitting	1	5929-01	1	5929-01	1	5929-01

* Recommended Spare Parts

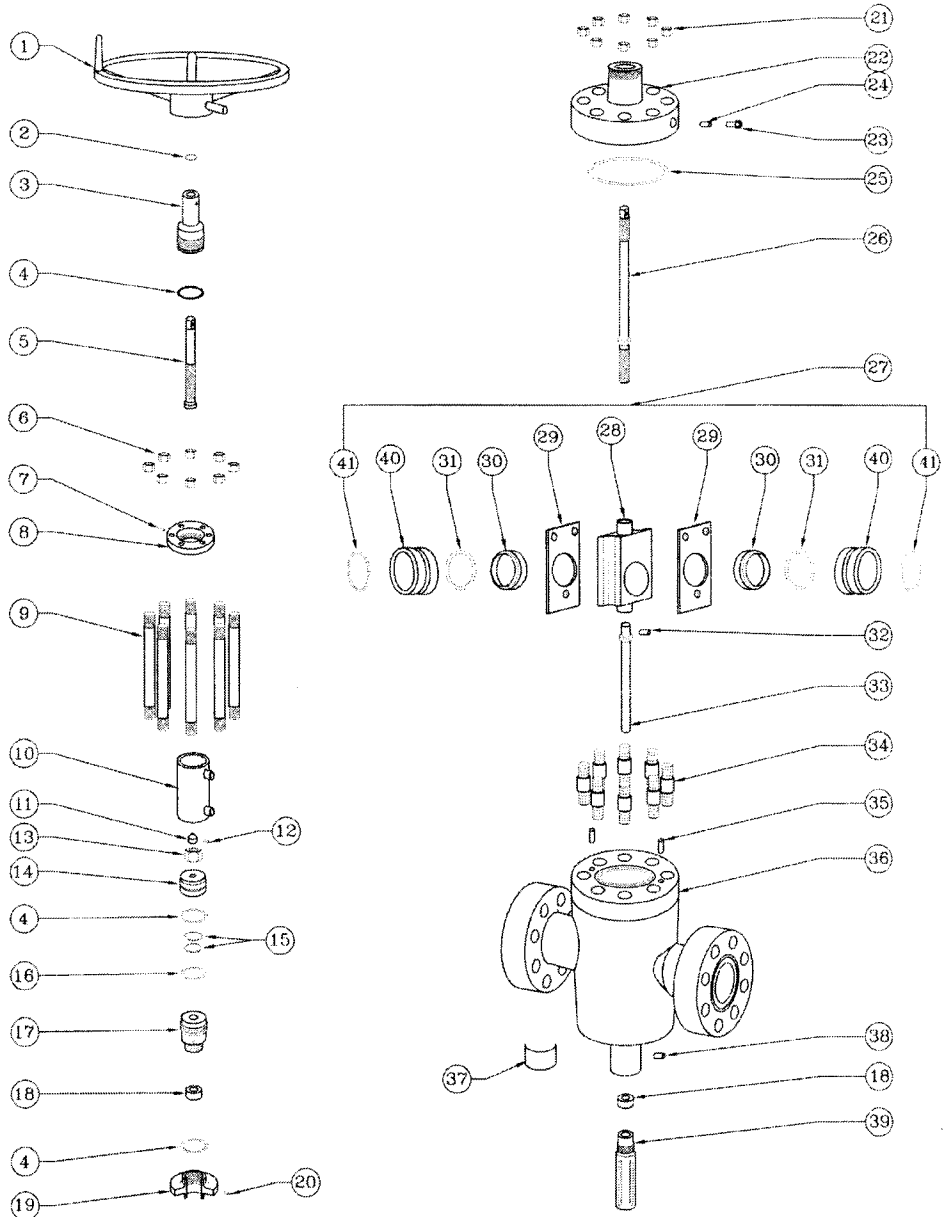
For parts not listed on the parts list, send description of the part or part number as well as trim request.



Cameron Style 'F' & 'FC' Hydraulic Valve

Parts List

- 1 Hand Wheel
- 2 O-Ring
- 3 Adjusting Nut
- 4 O-Ring
- 5 Locking Screw
- 6 Cylinder Head Nut
- 7 Set Screw
- 8 Blind Cylinder Head
- 9 Cylinder Head Stud
- 10 Cylinder
- 11 Centering Pin
- 12 Set Screw
- 13 Piston Lock Nut
- 14 Piston
- 15 O-Ring
- 16 O-Ring
- 17 Gland
- 18 Stem Packing
- 19 Lower Cylinder Head
- 20 Relief Valve
- 21 Bonnet Nut
- 22 Bonnet
- 23 Grease Fitting
- 24 Valve Check
- 25 Bonnet Gasket
- 26 Stem
- 27 Gate & Seat Assy.
- 28 Gate
- 29 Retainer Plate
- 30 Seat Ring
- 31 Seal Ring
- 32 Pin
- 33 Lower Stem
- 34 Bonnet Stud
- 35 Bonnet Locating Pin
- 36 Body
- 37 Name Plate
- 38 Pipe Plug
- 39 Stem Protector
- 40 Body Bushing
- 41 Body Bushing Seal
- 42 Guide
- 43 Grease Fitting





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Replacement parts for Cameron Type 'F' & 'FC' Hydraulic Valve 3-1/8", 3-1/16"

Item No.	Description	3-1/8" 5,000 PSI		3-1/16" 10,000 PSI		3-1/16" 15,000 PSI		
		H2S Trim		H2S Trim		H2S Trim		
		Qty	Part Number	Qty	Part Number	Qty	Part Number	
1	Handwheel	1	20774-02	1	20774-02	1	19937-03	
*	2	O-Ring	1	6227-27-1-70	1	6227-27-1-70	1	6227-28-20-70
	3	Adjusting Nut	1	22948-01-5M	1	22948-01-10M	1	689724-01
*	4	O-Ring	3	6227-51-13-90	3	6227-51-13-90	3	6227-61-20-70
	5	Locking Screw	1	18597-03	1	18597-03	1	18597-06
	6	Cylinder Head Nut	6	5926-08	6	5926-08	6	5926-10-10
	7	Set Screw	2	5940-06	2	5940-06	2	38710-03
	8	Blind Cylinder Head	1	22939-01	1	22945-01	1	690173-01
	9	Cylinder Head Stud	6	5911-49	6	5911-49	6	34863-57-01-35
	10	Cylinder	1	20459-14	1	20459-08	1	689723-01
	11	Centering Pin	1	18596-01	1	18596-01	1	18598-01
	12	Set Screw	1	5940-01-01-04	1	5940-01-01-04	1	5940-01-04
	13	Piston Lock Nut	1	5953-05	1	5953-05	1	5953-06
	14	Piston	1	20582-01	1	20946-01	1	20828-01
*	15	O-Ring	2	6227-19-1-70	2	6227-19-1-70	2	6227-23-20-70
*	16	O-Ring	1	6227-36-13-90	1	6227-36-13-90	1	6227-39-20-70
	17	Gland	1	20454-02	1	20943-02	1	689722-02
*	18	Stem Packing	2	686598-01	2	686598-01	2	686598-12
	19	Lower Cylinder Head	1	20583-1	1	20938-01	1	689721-62-0766
	20	Relief Valve	1	5929-10	1	5929-10	1	5929-10
	21	Bonnet Nut	8	5926-25-10	8	12955-19	8	-
	22	Bonnet	1	33297-09-01	1	33297-10-01	1	677513-02-01
*	23	Grease Fitting	1	5929-55	1	5929-55	1	5929-55
	24	Valve Check	-	-	1	678627-01	-	678627-01-99
*	25	Bonnet Gasket	1	21793-08	1	19141-10	1	44671-04
*	26	Stem	1	34272-02-99	1	34272-04	1	689720-02-99
*	27	Gate & Seat Assembly	1	21436-03-04	1	21436-03-04	1	-
*	28	Gate	1	29399-01	1	29399-01	1	610768-01
*	29	Retainer Plate	2	21358-01	2	21358-01	2	611404-15
*	30	Seat Ring	2	44783-06	2	44783-06	2	678353-01
*	31	Seal Ring	2	610500-50	2	610500-50	2	610500-55
	32	Pin	1	21812-52	1	21812-52	1	-
	33	Lower Stem	1	34271-3	1	34271-3	1	610929-04
	34	Bonnet Stud	8	5914-21-10	8	5917-33-10	8	-
	35	Bonnet locating Pin	2	21814-05	-	-	2	-
	36	Body	-	-	1	694480-01	-	-
	37	Name Plate	1	19052	1	19052	1	19052-01
	38	Pipe Plug	1	5930-1	1	5930-1	1	-
	39	Stem Protector	1	20953-01	1	20953-01	1	689716-02
	40	Body Bushing	2	694813-01	2	630469-06	2	44639-01
	41	Body Bushing Seal	2	610500-71	2	610500-71	2	610500-77
	42	Guide	2	694482-01	2	694482-01	2	44640-01
	43	Grease Fitting	1	5929-01	2	5929-01	1	5929-01

* Recommended spare parts

Parts for 7-1/16" gate valves available on request.

For parts not listed on the parts list, send description of the part or part number as well as trim request.