

CATERPILLAR ENGINE COMPONENTS

PREMIUM REPLACEMENT RANGE

Construction | Mining | Industrial | Power Generation



CYLINDER HEAD



OIL PUMP



LPR KIT

- **OEM QUALITY**
Engineered for replacement applications
- **PRECISION ENGINEERED**
Consistent fit and performance
- **EXTENSIVE RANGE**
Core engine and service components
- **GLOBAL SUPPORT**
Export-focused supply

**BUILT TO PERFORM.
BUILT TO LAST.**

www.gep.parts

ENGINE PARTS. BUILT FOR HEAVY DUTY.

GEP Global Equipments Parts supplies premium replacement components for heavy-duty diesel engines used in construction, mining, industrial and power-generation equipment. This catalogue consolidates the Caterpillar application references supplied in the source product lists provided for the GEP range.



CYLINDER HEAD

CYLINDER HEADS



LPR KIT

LINER / REBUILD KITS



PISTON KIT

PISTONS



BEARINGS / BUSHES

BEARINGS / BUSHES



OIL PUMP

OIL & WATER PUMPS



VALVE TRAIN

VALVE TRAIN



PISTON COOLING NOZZLES



OIL COOLER

OIL COOLERS



MECHANICAL SEAL

GASKETS & SEALING

REPRESENTATIVE ENGINE COVERAGE

3066 | 3114 | 3116 | 3126 | 3176 | 3196 | 3204 | 3208 | 3304 | 3306

3406 | 3408 | 3412 | 3508 | 3512 | 3516 | C7 | C9 | C9.3 | C10 | C11 | C12 | C13 | C15 | C18



OEM QUALITY STANDARDS

Replacement parts manufactured to controlled specifications.



DIMENSIONAL INSPECTION

Critical dimensions verified using calibrated inspection equipment.



MATERIAL TRACEABILITY

Material and process records available where applicable.



PPAP / QUALITY DOCUMENTATION

Customer documentation support available on request.



HARDNESS / MATERIAL TESTING

Component-specific testing applied where required.



FINAL INSPECTION

Final visual and dimensional checks prior to packing.



PACKAGING

Export-oriented protective packaging for engine components.



APPLICATION VERIFICATION

Engine model and reference number confirmation before order placement.

QUALITY NOTE

Exact inspection documentation and testing scope depend on product category and customer requirement.

24 Caterpillar cylinder-head references from the supplied GEP list



#	OEM REF.	ALSO ORDERED AS	ENGINE	APPLICATION	WT. KG
1	8N-1187	242-3435	3306 PC	Excavator, Loader, Dozer, Generator Set	117
2	8N-1188	242-3436, 4N-7444	3304 PC	Excavator, Loader, Generator Set	73.45
3	8N-6000	8N-6004, 247-3369	D342	Dozer, Marine, Industrial	140
4	8N-6004	8N-6000, 247-3369	D342	Dozer, Marine, Industrial	140
5	1P-4303	-	3306 DI	Industrial Engine	117
6	7S-7070	325-6107	3304	Loader, Grader, Industrial	70
7	1N-4304	269-8761	3304B	Industrial, Generator Set	77
8	8N-6796	-	3306 DI	Excavator, Industrial, Generator Set	117
9	7N-0858	-	3408B	Mining, Generator Set, Marine	126
10	7W-2225	7W-2224, 117-5700	3408B	Mining, Marine, Industrial	126
11	110-5096	7W-2203, 7W-0009	3406B/C	Truck, Industrial, Generator Set	185
12	110-5097	7W-0010	3406 PC	Industrial, Generator Set	185
13	7N-0848	1W-5960	3412	Generator Set, Marine	194
14	192-1322	-	3412	Generator Set	194
15	6I-2378	-	3204 / 3208	Industrial, Generator Set	85
16	242-5327	172-0834, 172-0839	3508 / 3512 / 3516	Generator Set, Marine	57
17	7N-6340	-	D353	Dozer, Industrial	135
18	7N-7700	7N-7701	D353	Industrial	138
19	119-3065	-	3116	Excavator, Truck, Industrial	93.5
20	245-4031	345-3752	C13	Excavator, Generator Set, Industrial	92
21	346-6388	497-5508	C9.3	Excavator, Loader, Industrial	96
22	332-3619	344-2149	C9	Excavator, Loader, Industrial	150
23	179-9461	179-9458, 179-9462	C10 / C12	Truck, Industrial, Generator Set	132
24	273-3034	291-9922	C9	Excavator, Loader, Industrial	148

KIT SETS - CATERPILLAR APPLICATIONS



MODEL	BORE	CYLINDER LINERS	O-RINGS	PISTONS	PISTON RINGS
3306	120.65	2P8889; 9S6557; 5S6346; 8S2669	5P8768	129-0338	2114321 / 211-4321
3306	120.65	1105800; 3715941; 2506559	-	129-0358	2W-1709 / 9S-3068
3306	120.65	3715941	-	297-7753	2W-6091
3406	137.16	6N8700; 2S0920; 5S3772; 8N8700	160-9874	9Y7212	8N-0822
3406	137.16	1260739	-	9Y4004	1W-8922
3406	137.16	2W6000; 7W3550; 1W6280; 1979322	-	290-0017	S41927; S41943; S42223
3406E	137.16	6N8700; 2S0920; 5S3772; 8N8700	160-9874	180-7352 + 132-6663	-
3406E	137.16	1260739	-	180-7351 + 132-6663	-
3406E	137.16	2W6000; 7W3550; 1W6280; 1979322	-	149-5566 + 130-0241	-
3406E	137.16	5863377	-	221-2305 + 130-0241	-
C15	137.16	-	-	356-4787 / 88657434	-
C15	137.16	-	-	225-0115 + 132-6663	-
C15	137.16	-	-	388-9354; 388-9356; 346-6615	-

REBUILD KIT POSITIONING

- Complete engine-overhaul sourcing by engine family.
- Liners, pistons and rings cross-referenced from the supplied Caterpillar kit list.
- Confirm exact engine arrangement, serial prefix and oversize/standard requirement before ordering.

PISTON RANGE FROM SUPPLIED 2026 PRODUCT LIST



ENGINE / APPLICATION	OE / REF.	DIA. MM	SOURCE REMARK
3054	4W-5819	98.48	U5LP0011
3054 / 3056	-	100	Perkins RE-1104C
3066 / S6KT	5I7537	102	Ref. ESP 104
3114 / 3116	7E3428 / 7C5668	105	1077563
D330 - 4 Cyl	2M5558	114.30	-
3304 / 3306	8N3180 / 8N3182	120.65	4/6 Cyl
3304 / 3306	8N3102	120.65	-
D3306	1654262	120.65	FP reference
3408 / 3412	9Y7212	137.16	-

KEY RANGE

3054 / 3056 / 3066 / 3114 / 3116 / D330 / 3304 / 3306 / 3408 / 3412

PISTONS + LINERS + RINGS = COMPLETE OVERHAUL SUPPORT

Use the liner-kit tables together with piston references for model-specific engine rebuild packages.

BEARINGS & BUSHES

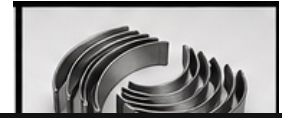
CATERPILLAR RANGE - REFERENCES 1 TO 58



#	ENGINE REF.	PART NAME	OE REF.	PCS/SET
1	140,1145,1150,1160,3145,3150	Con. Rod Bush	9N5082	1
2	D330,D330C,3304,D333,D333A	Con. Rod Bush	8N1985	1
3	D330	Con. Rod Bush	8N0702	1
4	D330	Con. Rod Bush (Semi)	8N0703	1
5	3406/3406B/3412/3408/3408B	Con. Rod Bearing	9Y7735	2
6	3406/3406B/3412/3408/3408B	Main Bearing	4W5492	2
7	3406/3406B/3412/3408/3408B	Con. Rod Bush	4N0685	1
8	3406/3406B/3412/3408/3408B	Con. Rod Bush	4P8495	1
9	D339,D6600,D7700,D8800	Main Bearing [FL]	8N7928	2
10	-	Main Bearing	8N7923	2
11	-	Valve Rocker Bush	6I1646P / 7W6773	1
12	-	Con. Rod Bush	9N4061	1
13	-	Con. Rod Bush	7W9930	1
14	-	Con. Rod Bush	2W7566	1
15	-	Valve Rocker Bush [Pre Finish]	7W6773	1
16	-	Con. Rod Bush	1T576	1
17	-	Con. Rod Bush [A/T]	2165586 / 2W7211	1
18	-	Con. Rod Bush [A/T]	2W7213	1
19	-	Con. Rod Bush	9N406 A	1
20	-	Con. Rod Bush	3F7445	1
21	-	Con. Rod Bush	4J4233	1
22	-	Con. Rod Bush	1T0576	1
23	-	Con. Rod Bush	4H0747	1
24	-	Con. Rod Bush	9S6729	1
25	-	Con. Rod Bush	1T0767	1
26	-	Con. Rod Bush	2H2330	1
27	-	Con. Rod Bush	9M5239	1
28	-	Con. Rod Bush	8S6515	1
29	-	Con. Rod Bush	4N6658	1
30	-	Con. Rod Bush	3T2095	1
31	-	Con. Rod Bush	7N2156	1
32	-	Con. Rod Bush	4H9082	1
33	-	Con. Rod Bush	8N1727	1
34	-	Con. Rod Bush	8N1849	1
35	-	Con. Rod Bush	5M6637	1
36	-	Con. Rod Bush	5S6419	1
37	-	Con. Rod Bush	9Y2991	1
38	-	Con. Rod Bush	5S6420 / 9Y2992	1
39	-	Con. Rod Bush	8F5822	1
40	-	Con. Rod Bush	5S8543	1
41	-	Con. Rod Bush	9M5477	1
42	-	Con. Rod Bush	9M5238	1
43	-	Con. Rod Bush	1M3780	1
44	-	Con. Rod Bush	8S6511	1
45	-	Con. Rod Bush	1S4203	1
46	-	Con. Rod Bush	1H0030	1
47	-	Con. Rod Bush	4H3186	1
48	-	Con. Rod Bush	9M4370 / 9M4823	1
49	-	Con. Rod Bush	2S7931	1
50	-	Con. Rod Bush	8S6508	1
51	-	Con. Rod Bush	8S6517	1
52	-	Con. Rod Bush	1T0278	1
53	-	Con. Rod Bush	4M9183	1
54	-	Con. Rod Bush	5S7630	1
55	-	Con. Rod Bush	8N1720	1
56	-	Con. Rod Bearing	7T0204 / 8B2791	2
57	-	Con. Rod Bearing	6W0240 / 2P3858	2
58	-	Con. Rod Bearing	7T0205	2

BEARINGS & BUSHES

CATERPILLAR RANGE - REFERENCES 59 TO 115



#	ENGINE REF.	PART NAME	OE REF.	PCS/SET
59	-	Con. Rod Bearing	7T0206 / 2P3859	2
60	-	Con. Rod Bush	3F1548	1
61	-	Con. Rod Bush	1H8396	1
62	-	Con. Rod Bush	3H8031	1
63	-	Con. Rod Bush	3H8772	1
64	-	Con. Rod Bush	4H9640	1
65	-	Con. Rod Bush	2J6316	1
66	-	Con. Rod Bush	9M2418	1
67	-	Con. Rod Bush	9M8395	1
68	-	Con. Rod Bush	2P4698	1
69	-	Con. Rod Bush	2S4182	1
70	-	Con. Rod Bush	2S5657	1
71	-	Con. Rod Bush	8S6513	1
72	-	Con. Rod Bush	9S1160	1
73	-	Con. Rod Bush	1T0577	1
74	-	Con. Rod Bush	1T0902	1
75	-	Con. Rod Bush	8F8523	1
76	-	Con. Rod Bush	7M4046	1
77	-	Con. Rod Bush	8N2275	1
78	-	Con. Rod Bush	3F1965	1
79	-	Con. Rod Bush [Cross Cut]	8N1849	1
80	-	Con. Rod Bush	1W4594	1
81	-	Con. Rod Bush	6Y0210	1
82	-	Con. Rod Bush	7G9709	1
83	-	Con. Rod Bush [A/T]	1M3909	1
84	-	Con. Rod Bush	7W9930	1
85	-	Con. Rod Bush	8N4110	1
86	-	Con. Rod Bush	1317123	1
87	-	Con. Rod Bush	3J2443	1
88	-	Con. Rod Bush	6I2726	1
89	-	Con. Rod Bush	2H2329	1
90	-	Con. Rod Bush	5J1184	1
91	-	Con. Rod Bush [A/T]	7N2155	1
92	-	Con. Rod Bush	9Y7735	1
93	-	Con. Rod Bush [A/T]	7W9415	1
94	-	Con. Rod Bush [A/T]	2H2356	1
95	-	Con. Rod Bush [A/T]	3H2512	1
96	-	Con. Rod Bush [A/T]	9M4823	1
97	-	Con. Rod Bush [A/T]	7N2213	1
98	-	Con. Rod Bush	2W0027	1
99	-	Con. Rod Bush	5I7539	1
100	-	Con. Rod Bush	8R1088	1
101	-	Con. Rod Bush	9P2245	1
102	-	Con. Rod Bush	8P7002	1
103	-	Con. Rod Bush [A/T]	2P3662	1
104	-	Con. Rod Bush	9G6743	1
105	-	Con. Rod Bush	7F7772	1
106	-	Con. Rod Bush	4T9301	1
107	-	Con. Rod Bush	2J6306	1
108	-	Con. Rod Bush	5M3320	1
109	-	Con. Rod Bush	1H1777	1
110	-	Main Bearing	2323233	2
111	3114,3116,3126,3126B,C7	Main Bearing [A/T]	1077708	2
112	815B,3306,G3306,SR4,G3304,1673C,3306B	Con. Rod Bearing	2S0502	2
113	D342C&T	Main Bearing	8N7934	2
114	D339,D342	Main Bearing	8N7924	2
115	3066	Main Bearing	5I7588	2

OIL PUMPS - CATERPILLAR APPLICATIONS



ENGINE / MODEL FAMILY	SUPPLIER REF.	CROSS-REFERENCE / OE REFERENCES
3126 / 3304B / 3406 / 3406B/C/E / 3412 / 3508 / 3516 / 3608	L3150-0002A	0R9057 / 0R9449 / 1614113 / 4N0733 / 4N8734
3176 / 3176C / 3196 / C10 / C11 / C12 / C13	L3150-0006A	2335220 / 5183978 / 10R2296 / 9Y8073
3304 / 3304B / 3306 / 3306C / D330C / G3306	L3150-0005A	0R2560 / 1167586 / 2W2292 / 4P4021 / 4W2320 / 6I1343 / 7W4456 / 9L6944
3304 / 3306	L3150-0004A	1068958 / 1167589 / 2P1784 / 2955674 / 4P4020 / 4W2448 / 6I1346
3306 / 3406B/C/E	L3150-0001A	1614111 / 0R0918 / 0R9448 / 4N4295 / 7E9335
3406B/C / 3408B/C / C15 / C16/E	L3150-0003A	0R0919 / 0R1520 / 0R9697 / 4N0735 / 1614112 / 4N4294 / 4N8735
C11 / C13	L3150-0007A	10R2130 / 2231608 / 3710957
Selected additional CAT refs	-	4N8734 / 4N0733 / 4N0735 / 6I1346 / 233-5220 / 6I1343 / 1614113 / 1614111 / 6N1030

WATER PUMPS - SELECTED CAT REFERENCES

1767000

C10 / C12



3362213

C18 ACERT



1615719

C15



3522123

CAT application



7C4508

CAT application

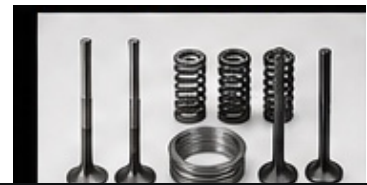


4P3683

CAT application



CATERPILLAR PUSH ROD REFERENCES



PART NO.	DESCRIPTION	ENGINE / APPLICATION
2646156	Push Rod	3126, C9, C7
2610205	Push Rod	C9.3
4P8577	Push Rod	3114, 3116
4W5998	Push Rod	3406, 3408, 3412
7W5401	Push Rod Injector	3176
7W5402	Push Rod Valve	3176
3418888	Push Rod Valve	3196, C12
3418889	Push Rod Injector	3196, C12
1003880	Push Rod Valve	3508, 3512, 3516
4W6682	Push Rod Valve	3508, 3512, 3516
6I1241	Push Rod	3114, 3116
3190270	Push Rod Valve	C11, C13
3190271	Push Rod Injector	C11, C13
4L7820	Push Rod	Caterpillar application

COVERAGE: 3114 / 3116 / 3126 / 3176 / 3196 / 3406 / 3408 / 3412 / 3508 / 3512 / 3516 / C7 / C9 / C9.3 / C11 / C12 / C13

CATERPILLAR PISTON COOLING NOZZLE REFERENCES



196-2429	PC NOZZLE	320-1545	PC NOZZLE	274-8359	PC NOZZLE
277-3076	PC NOZZLE	279-1152	PC NOZZLE	276-4637	PC NOZZLE
274-1587	PC NOZZLE	276-7222	PC NOZZLE	151-5928	PC NOZZLE
166-3650	PC NOZZLE	173-0147	PC NOZZLE	355-6043	PC NOZZLE
168-4538	PC NOZZLE	163-0926	PC NOZZLE	7W-7496	PC NOZZLE
7W4990	PC NOZZLE	173-0143	PC NOZZLE	4P2457	PC NOZZLE
135-5970	PC NOZZLE	197-9367	PC NOZZLE	273-2600	PC NOZZLE
280-2748	PC NOZZLE	107-3669	PC NOZZLE	204-5447	PC NOZZLE
116-3254	PC NOZZLE	2765605	PC NOZZLE	1483026	PC NOZZLE
7E3632	PC NOZZLE	329-3796	PC NOZZLE	166-3657	PC NOZZLE
166-3253	PC NOZZLE	197-9391	PC NOZZLE	4P-5651	PC NOZZLE
80738195	PC NOZZLE	304-7846	PC NOZZLE	162-3898	PC NOZZLE
198-9926	PC NOZZLE	260-0135	PC NOZZLE	294-1722	PC NOZZLE
290-6567	PC NOZZLE	290-6568	PC NOZZLE	164-4755	PC NOZZLE

RANGE NOTE

The supplied nozzle catalogue identifies the above references as CAT applications. Confirm engine serial and arrangement before ordering.

OIL COOLERS

CATERPILLAR REPLACEMENT RANGE



7C3039

OIL COOLER - CATERPILLAR APPLICATION



7N0110

OIL COOLER - CATERPILLAR APPLICATION



1154517

OIL COOLER - CATERPILLAR APPLICATION



2237962

OIL COOLER - CATERPILLAR APPLICATION



2939367

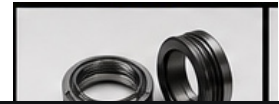
OIL COOLER - CATERPILLAR APPLICATION

AVAILABLE REFERENCES

7C3039 | 7N0110 | 1154517 | 2237962 | 2939367

GASKETS & SEALING

HEAD GASKETS AND GASKET SETS



#	ENGINE MODEL	PART NO.	DESCRIPTION
1	3066	5I-7648	Head Gasket
2	3116	1077832	Head Gasket
3	3126	103287947	Head Gasket
4	3126 / 3126B	205-1293	Head Gasket
5	3208	7W2059	Head Gasket
6	3406	6I3066	Head Gasket
7	3406E	2245122	Head Gasket
8	3408	-	Head Gasket
9	3412	6V2537	Full Set
10	3412	-	Head Gasket
11	3304DI	7N-8022	Head Gasket
12	3304PC	7N-7386	Head Gasket
13	3306DI	7E-6167	Head Gasket
14	3306PC	6N-7263	Head Gasket
15	C10 / C12	3164396	Head Gasket
16	C4.2	296-4784	Head Gasket
17	C6.4	294-1682	Head Gasket
18	C9.3	262-1940	Head Gasket
19	320D / C6.4	32F01-02100	Head Gasket
20	320D / C6.4	39F94-00012	Gasket Set
21	320D / C6.6	176-3141	Head Gasket
22	4M40	ME200751	Head Gasket
23	C13	221-9392	Head Gasket
24	C13	223-7852	Gasket Set
25	C15	224-5122	Head Gasket
26	C7 OLD / NEW	133-4995	Head Gasket
27	C7 OLD / NEW	193-1167	Gasket Set
28	C9	4373288 / 187-1315	Head Gasket
29	C9	250-4087	Gasket Set
30	S4KT	34294-00060	Gasket Set
31	S6KT / S6K-TAA	39394-00041	Gasket Set
32	S6KT / S6K-TAA / S4KT	34301-10200	Head Gasket
33	D8H	1S4390	Head Gasket
34	D8K	5P9218	Full Set
35	D8K	8N4810	Head Gasket
36	D9H / D353	1W6440	Head Gasket

SECONDARY GASKETS & SEALS

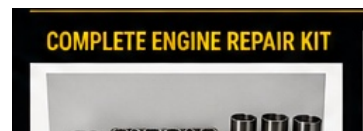
CATERPILLAR APPLICATION RANGE

#	ENGINE MODEL	PART NO.	DESCRIPTION
1	C7.1	2773013	Front Crankshaft Seal
2	C7.1	2327449	Rear Crankshaft Seal
3	C7.1	3884707	Cylinder Head Gasket
4	C7.1	2258282	Front Housing Gasket
5	C7.1	2773012	Front Housing Gasket
6	C7.1	2273013	Front Housing Seal
7	C7.1	3934006	Rear Housing Gasket
8	C7.1	3514749	Oil Pan Gasket
9	C7.1	2257944	Oil Cooler Gasket
10	C7.1	5667931	Valve Cover Gasket
11	C7.1	5271641	Valve Cover Seal
12	C7.1	4167727	Exhaust Manifold Gasket
13	C7.1	2258287	Front Housing Gasket
14	C7.1	2780017	Turbo Gasket
15	C7.1	4374170	Turbo Gasket
16	3116	1136200	Exhaust Manifold Gasket
17	3116 / 3126 / 3126B	7W-5628	Rocker Cover Gasket
18	3116 / 3126 / 3126B	7W-9699	Intake Manifold Gasket
19	3406	2N8204	Intake Manifold Gasket
20	3406 / 3408 / 3412	1299452	Exhaust Manifold Gasket
21	3412	4N2564	Intake Manifold Gasket
22	3304DI / 3304PC	8S1606	Rocker Cover Gasket
23	3306DI	9H-3939	Oil Pan Gasket

C7.1 coverage includes crankshaft seals, housing gaskets, oil-pan gasket, oil-cooler gasket, valve-cover seals and turbo gaskets.

C13 ENGINE OVERALL KIT

COMPLETE OVERHAUL COMPONENT REFERENCE



#	PART NO.	DESCRIPTION	WT. KG	QTY
1	3889353LK	Liner Kit	25	6
2	2920484	Bearing-Rod STD	0.3	6
3	2463144	Plate-Thrust	0.36	2
4	2110587	Bearing-Main STD	0.83	4
5	2110588	Bearing-Main STD	0.85	3
6	4668502	Kit Gasket	8.65	1
7	4757410	Kit Gasket	4.5	1
8	1878969	Bearing	0.49	7
9	3520206	Pump GP-Water	34.6	1
10	2335220	Pump GP-Engine	8.5	1
11	3190271	Pushrod-Injector	0.8	6
12	3190270	Pushrod-Valve	0.45	12
13	2377253	Bridge-Valve	0.3	12
14	2A4429	Lock Keeper	0.1	48
15	3322152	Spring-Valve IN/E	0.2	24
16	2527802	Valve-Inlet	0.5	12
17	2481467	Valve-Exhaust	0.5	12
18	6I2663	Rotocoil Assy	0.1	24
19	2243125	Base	0.09	12
20	2244441	Spring (Inner)	0.08	24
21	2779775	Guide Valve	0.16	24
22	2241270	Insert-EXH	0.04	12
23	5929280	Insert-Valve	0.05	12

CONSTRUCTION

Excavators, loaders, dozers, graders and compactors

MINING

Mining trucks, loaders, dozers and underground equipment

POWER GENERATION

Generator-set and stationary engine applications

INDUSTRIAL

Industrial engines, pumps and process equipment

MARINE

Selected heavy-duty marine engine applications

ON-HIGHWAY / TRUCK

Selected C-series and legacy engine applications

ORDERING CHECKLIST

- Confirm OEM reference / cross-reference number.
- Confirm engine model and serial / arrangement where available.
- Confirm standard / oversize / undersize requirement for bearings, pistons and liners.
- Confirm quantity and required documentation before PO release.



GLOBAL EQUIPMENT. TRUSTED PARTS.

CATERPILLAR APPLICATIONS

ENGINE COMPONENTS

Cylinder Heads | Liner & Rebuild Kits | Pistons
Bearings & Bushes | Oil & Water Pumps | Push Rods
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