

Hera Hammers

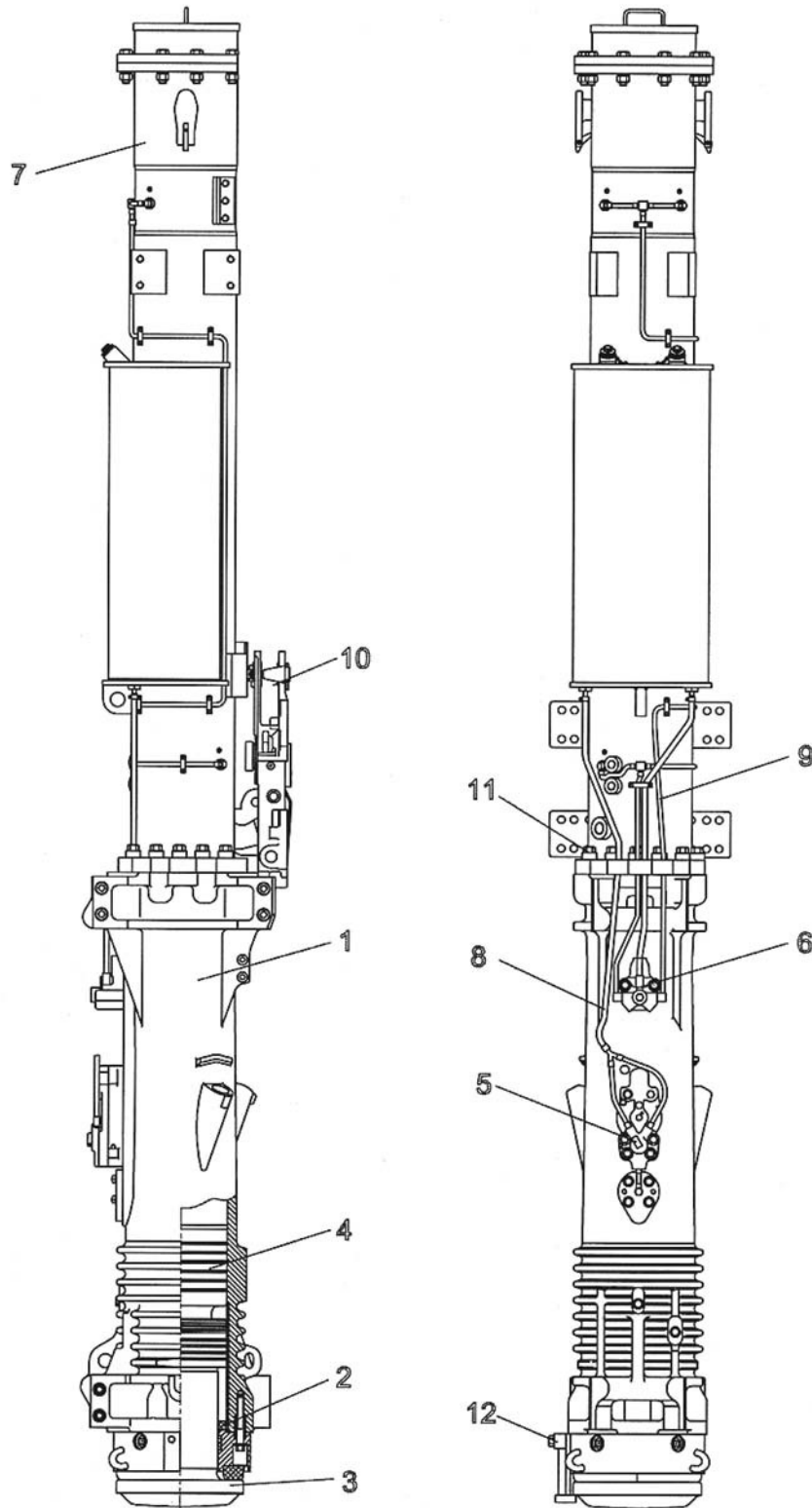
Spare parts list

D19-42

Diesel pile hammer D19-42

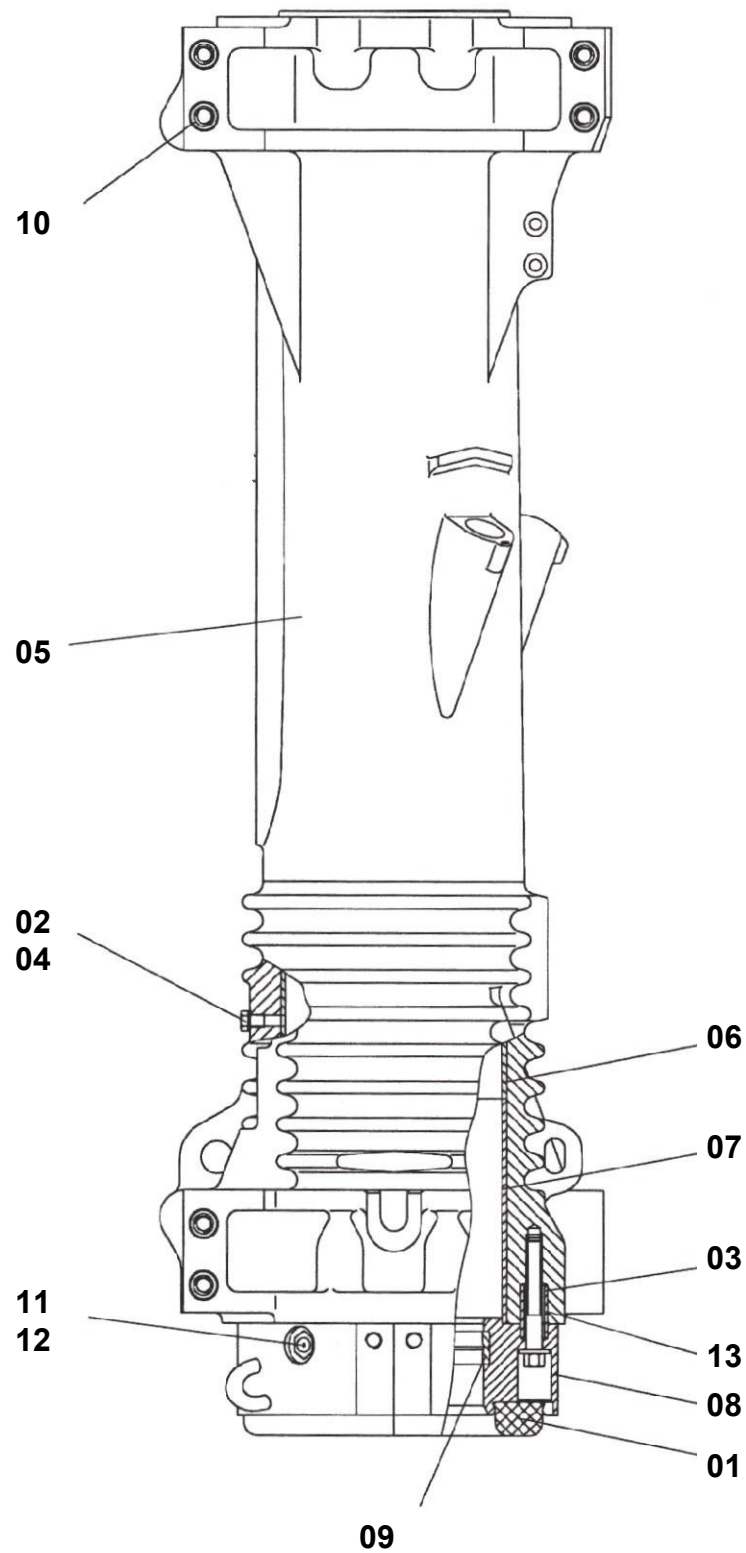
Hera Machinefabriek B.V.
2e Havenstraat 6
1976 CE IJmuiden
The Netherlands

www.hera-hammers.com
www.dieselhammerparts.com



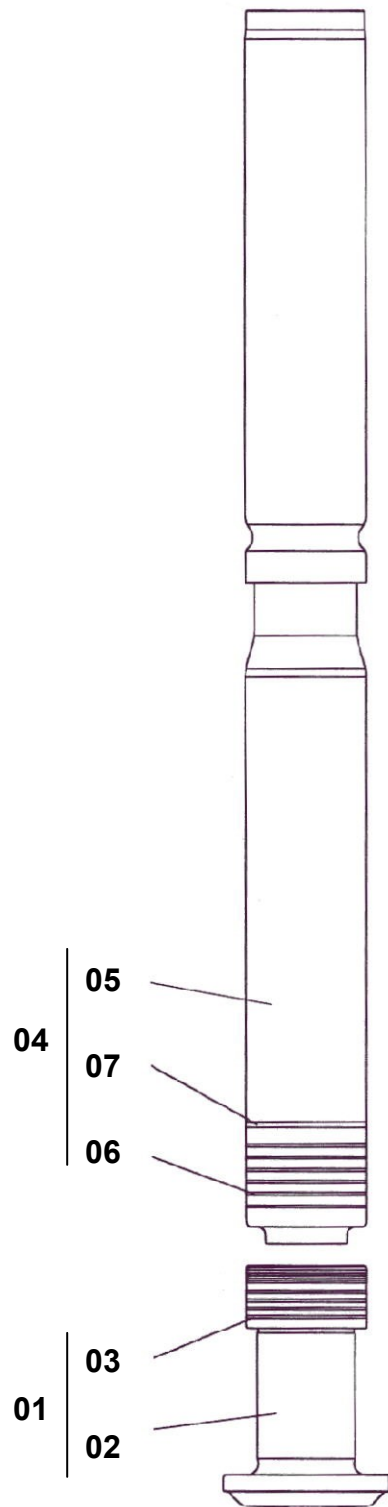
Hera D19-42

No.	Description	Q' ty	Order-no.
—	Diesel pile hammer D19-42	1	120941
1	cylinder lower part complete page 4	1	160198
2	inner damping ring	1	102100
3	impact block complete page 6	1	100598
4	striking weight(piston)complete page 6	1	120942
5	fuel injection device page 8	1	160196
6	lube pump complete page 14	1	150150
7	cylinder upper part complete page 16	1	136670
8	fuel line/breather line complete page 18	1	102123
9	lube line with connecting parts complete page 20	1	150151
10	trip gear complete page 22	1	104694
11	set of connecting parts page 24	1	102134
12	transport protection kit complete page 26	1	138827
13	guide parts for hammer on request	4	
14	guide parts for trip gear on request	4	
15	tool box complete page 28	1	102139



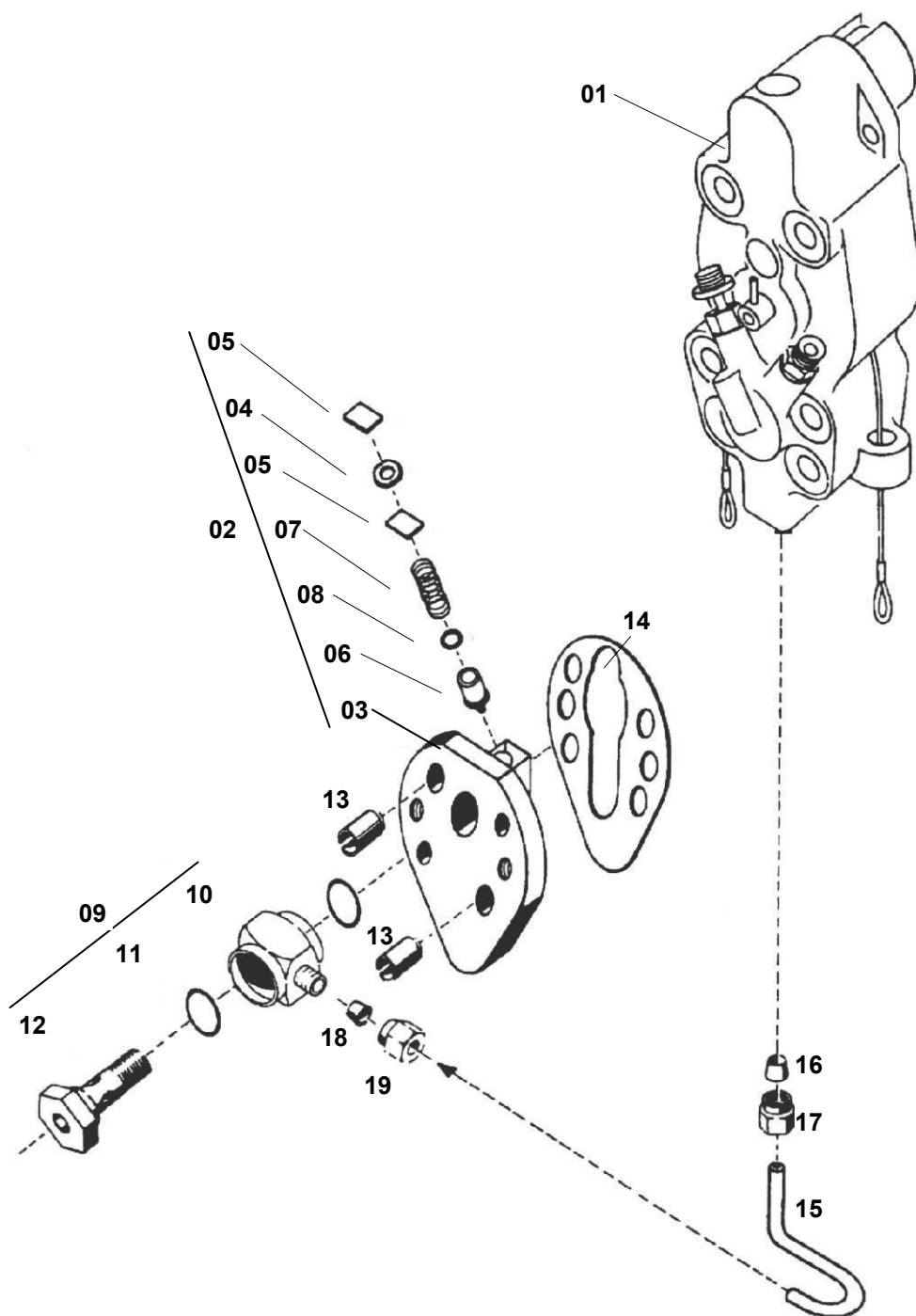
Hera D19-42 Lower cylinder

No.	Description	Q' ty	Order-no.
—	cylinder lower part complete	1	160198
1	rubber ring 2 piece	1	102101
2	sealing ring	1	90002
3	dowel pin $\Phi 40 \times 75$	8	95195
4	plug screw M18 $\times$ 1.5	1	91460
5	cylinder lower part	1	100593
6	cylinder sleeve(on request)	1	
7	cylinder sleeve(on request)	1	
8	cylinder end ring complete (2 pieces)	1	132537
9	ring(2 pieces)	1	102105
10	threaded insert M24	16	95582
11	reducer	2	22592
12	grease nipple M10 $\times$ 1	4	90791
13	reducer screw M24 $\times$ 165	8	20174
*	Ring (not marked on drawing)	2	203001



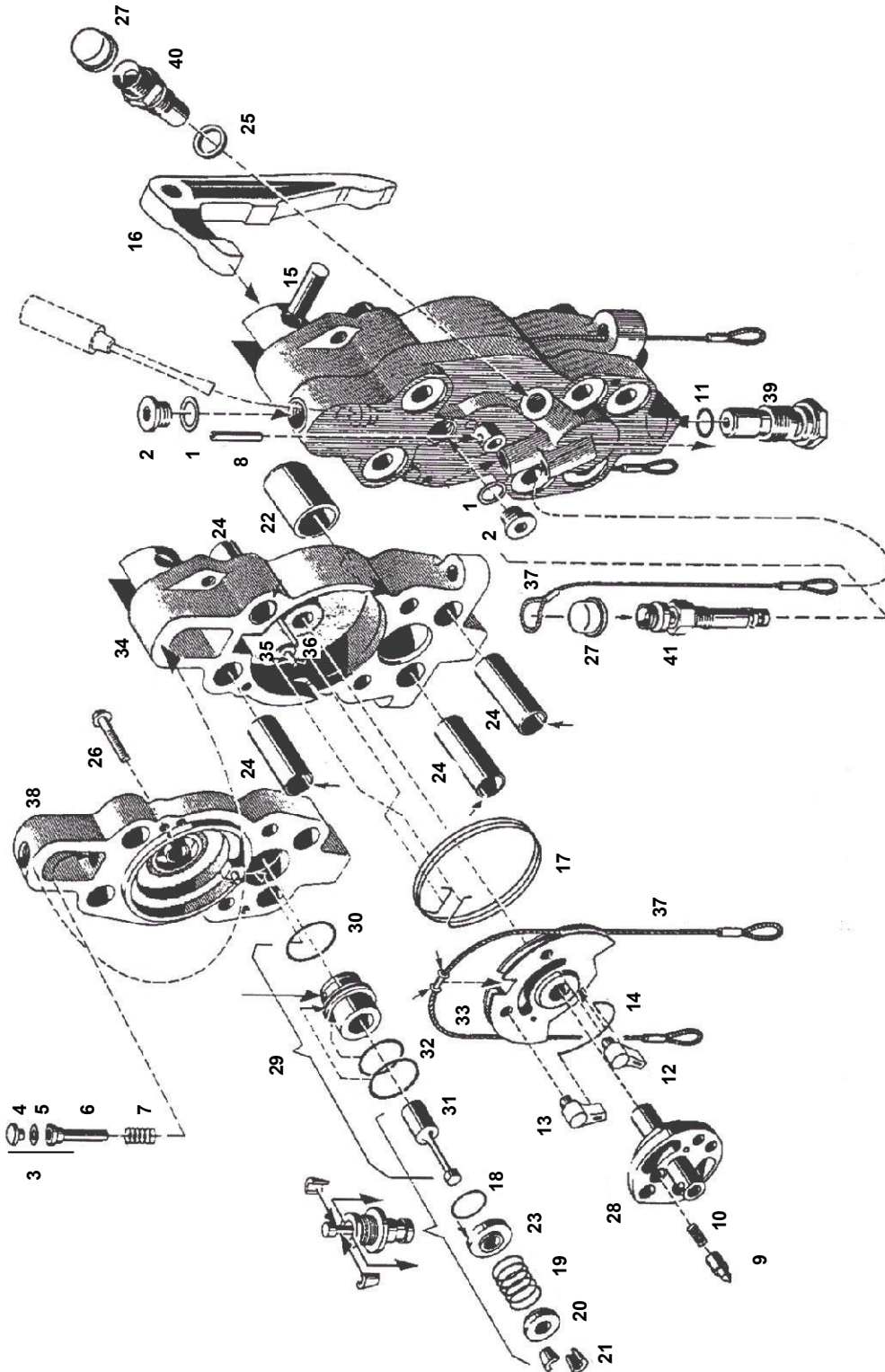
Hera D19-42 Impact block complete

No.	Description	Q ty	Order-no.
1	impact block complete	1	100598
2	impact block	1	100599
3	piston ring	5	100588
4	striking weight (piston) complete	1	120942
5	striking weight (piston)	1	120943
6	piston ring	6	100588
7	catch piston ring	1	100587



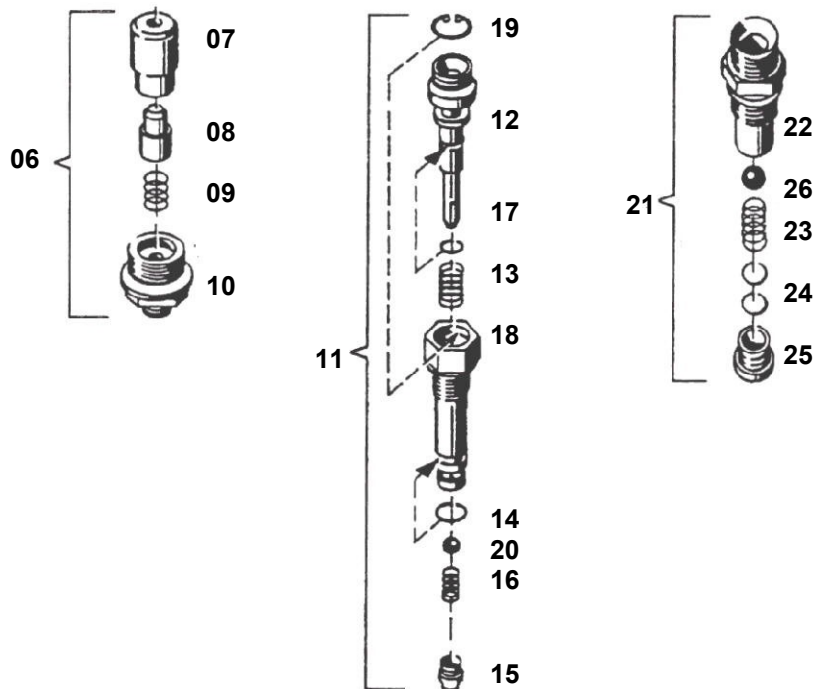
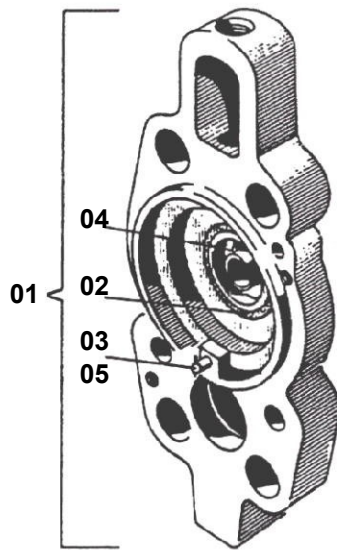
Hera D19-42 Fuel injection device

No.	Description	Q' ty	Order-no.
—	fuel injection device	1	160196
1	variable-delivery fuel pump	1	170244
2	injection valve complete	1	104675
3	injection valve body 20°	1	102133
4	spring washer	1	64461
5	locking plate	2	64460
6	valve piston	1	63843
7	pressure spring 15.4×32.8×1.6	1	97569
8	adjusting washer	2	97573
9	threaded pipe joint complete	1	97038
10	threaded pipe joint	1	210404
11	round sealing ring 17×1.5	2	97258
12	hollow screw	1	210405
13	dowel pin 21×28	2	95633
14	sealing	1	45647
15	pipe bend	1	104974
16	olive	1	90127
17	union nut M18×1.5	1	90128
18	olive	1	204011
19	union nut M16×1.5	1	204012



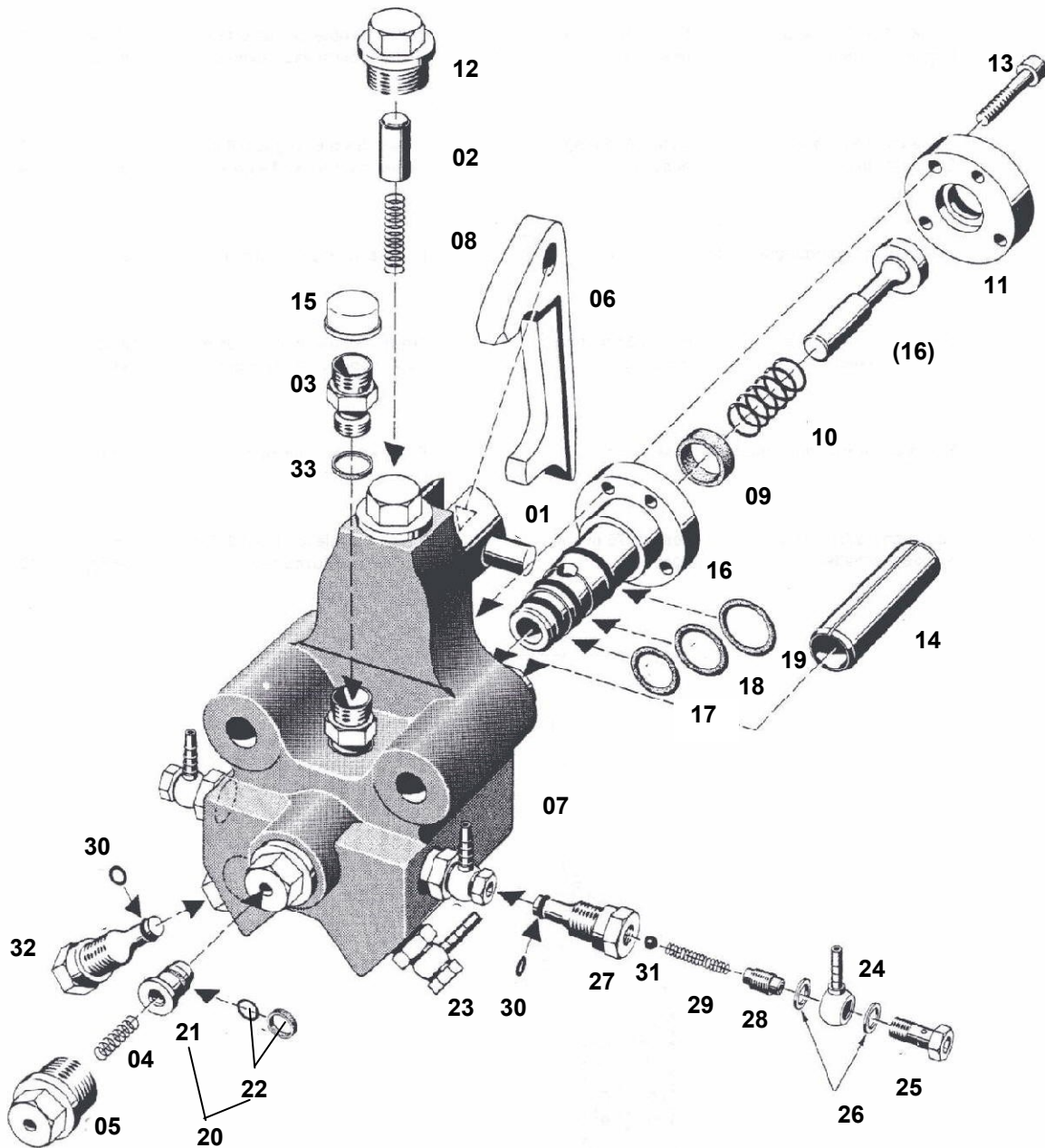
Hera D19-42 Fuel injection device

No.	Description	Q'ty	Order-no.
—	variable-delivery fuel pump	1	170244
1	sealing ring A18×22	2	90002
2	plug screw M18×1.5	2	93055
3	pressure piece complete	1	62125
4	push cap	1	62124
5.1	adjusting washer 8.2×19.8×0.3	1	97332
5.2	adjusting washer 8.2×19.8×0.5	1	97333
5.3	adjusting washer 8.2×19.8×0.6	1	97334
5.4	adjusting washer 8.2×19.8×0.4	1	97348
6	push rod	1	62126
7	pressure spring 14.5×34×1	1	22046
8	dowel pin 6×40	1	90150
9	screen pin	1	22049
10	pressure spring 5.5×20×1.2	1	22044
11	round sealing ring22×3	1	91296
12	cam	1	22052
13	cam	1	22051
14	spring	1	22245
15	pin	1	22043
16	pump lever	1	41869
17	swivel spring	1	22062
18	round sealing ring35×2.5	1	92996
19	pressure spring 28×67.2×3.5	1	22060
20	spring retaining collar	1	22058
21	conical ring 2 pieces	1	22059
22	guide sleeve	1	43287
23	holder ring	1	43994
24	dowel pin28×80	4	94315
25	sealing ring A20×24	1	92031
26	locking screw M8×50	1	93456
27	protecting cap	2	93236
28	switch shaft	1	43308
29	pump element complete diameter 19mm	1	44015
30	round sealing ring42×3	1	95933
31	round sealing ring46.2×2.65	1	91322
32	round sealing ring43.7×2.65	1	91339
33	rope disc complete	1	22040
34	pump body complete	1	43289
35	dowel pin6×28	1	90137
36	dowel pin5×40	1	90155
37	regulation rope	2	17546
38	pump cover complete page 12	1	43291
39	check-non-return valve completepage12	1	43296
40	suction valve complete page 12	1	41863
41	stop valve complete page 12	1	41868



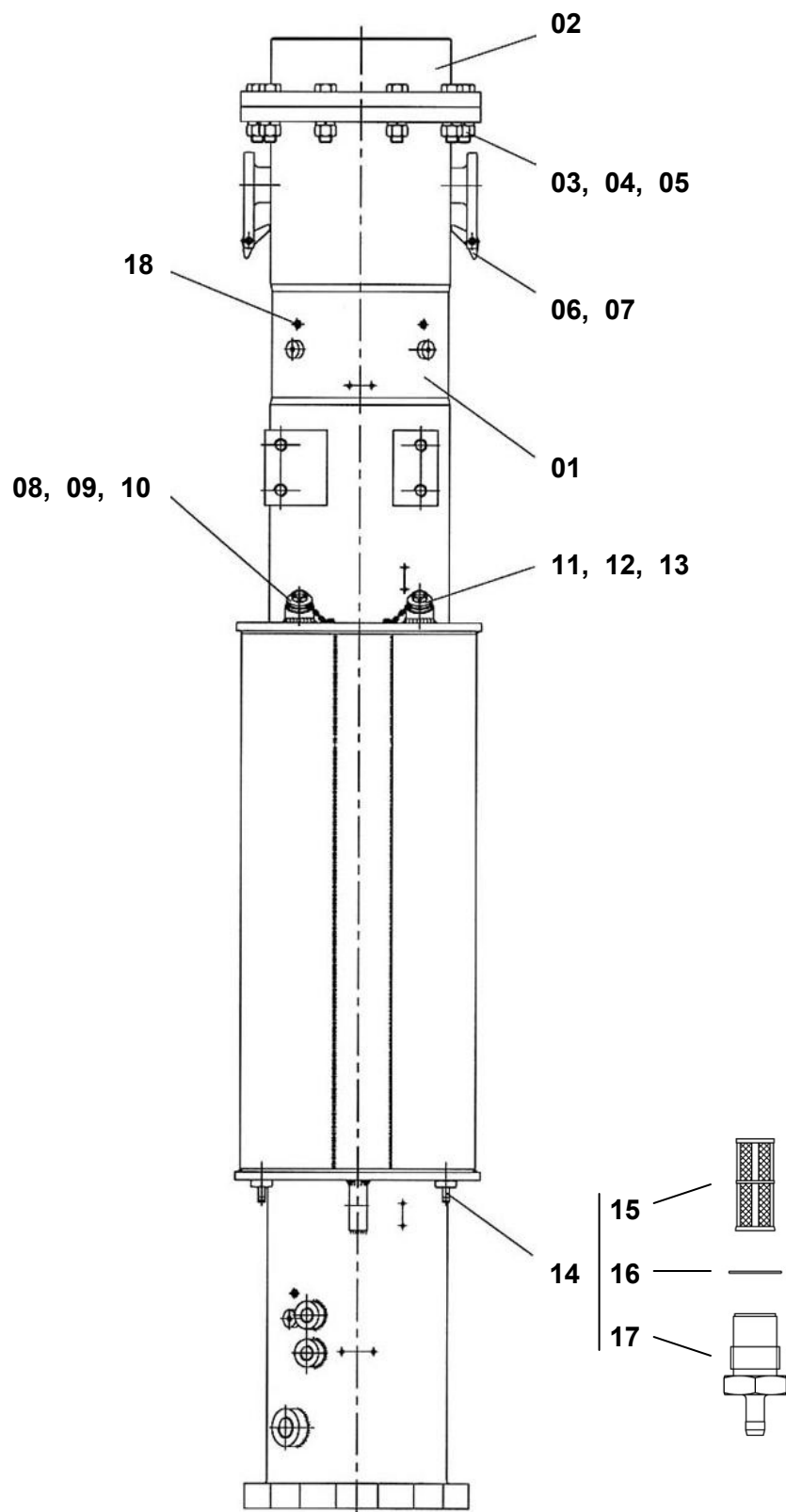
Hera D19-42 Fuel injection device

No.	Description	Q' ty	Order-no.
1	pump cover complete	1	43291
2	ring	1	22050
3	stop	1	22796
4	stop pin	1	43307
5	dowel pin 10×32	1	90231
6	check-non-return valve complete	1	43296
7	housing	1	43297
8	valve piston	1	43299
9	pressure spring	1	22034
10	ring type nipple	1	43298
11	stop valve complete	1	41868
12	valve piston	1	43138
13	pressure spring	1	43279
14	round sealing ring12×3	1	94316
15	threaded plug	1	22021
16	pressure spring	1	98929
17	round sealing ring8×3	1	91894
18	valve screw	1	43130
19	circlip 20×1	1	95768
20	ball Φ8.731mm	1	98511
21	suction valve complete	1	41863
22	sleeve	1	41861
23	pressure spring 7.3×8×0.7	1	22022
24	washer	2	22023
25	threaded plug	1	41862
26	ball Φ8.731mm	1	98511



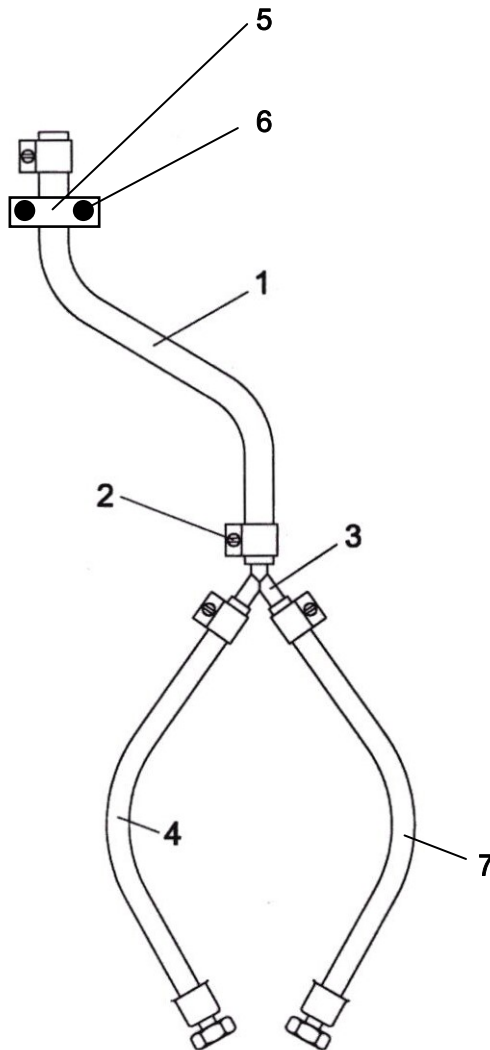
Hera D19-42 Lube pump complete

No.	Description	Q' ty	Order-no.
—	lube pump complete	1	150150
1	pin	1	22082
2	sleeve	1	22090
3	adaptor(tube to thread)	1	67290
4	pressure spring7.3×29.4×1.2	1	190479
5	plug screw	1	108311
6	pump lever	1	22081
7	pump body	1	108315
8	pressure spring 10×43×2	1	22089
9	ring	1	67283
10	pressure spring22×52×2.8	1	97325
11	washer	1	67282
12	plug screw	1	91976
13	screw M8×35	4	90937
14	dowel pin 28×80	2	94315
15	protecting cap	1	93236
16	cylinder complete	1	67279
17	round sealing ring24×3	1	91296
18	round sealing ring26×3	1	91357
19	round sealing ring30×3	1	92952
20	piston complete	1	67284
21	piston	1	67285
22	ring sliding ring with O-ring	1	97326
23	pressure valve complete	3	108317
24	ring type nipple	3	97949
25	hollow screw	3	97948
26	sealing ring	6	91417
27	adaptor(tube to thread)	3	108319
28	plug screw	3	104679
29	pressure spring5×36×0.8	3	190005
30	round sealing ring8×2	4	97855
31	ball Φ6	3	90307
32	plug screw	1	108316
33	sealing ring	1	92031



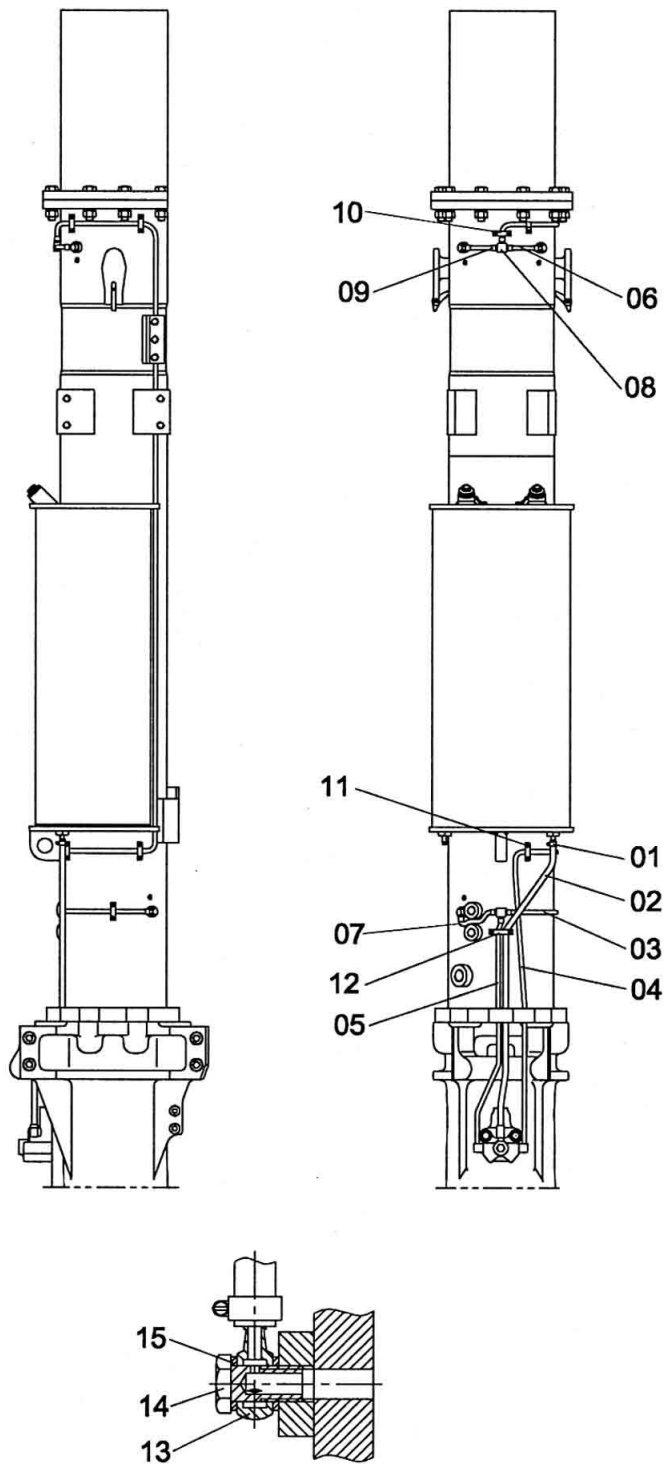
Hera D19-42 Upper cylinder

No.	Description	Q' ty	Order-no.
—	cylinder upper part complete	1	136670
1	cylinder upper	1	136674
2	upper end ring L=636mm	1	136675
2'	upper end ring L=136mm	1	203013
3	hexagon screw M24x90	8	91929
4	hexagon nut M24	8	90091
5	wash 24	8	210603
6	ratchet	2	17039
7	dowel pin 12×60	2	90044
8	plug screw "Diesel" complete	1	17186
9	plug screw "Diesel"	1	47608
10	chain link, exchangeable	1	2253
11	plug screw "oil" complete	1	17188
12	plug screw "oil"	1	47611
13	chain link, exchangeable	1	2253
14	filter elbow	2	64403
15	filter element	2	99896
16	round sealing ring 36×1.5	2	210607
17	screwed joint	2	66552
18	grease nipple M10×1	4	90791



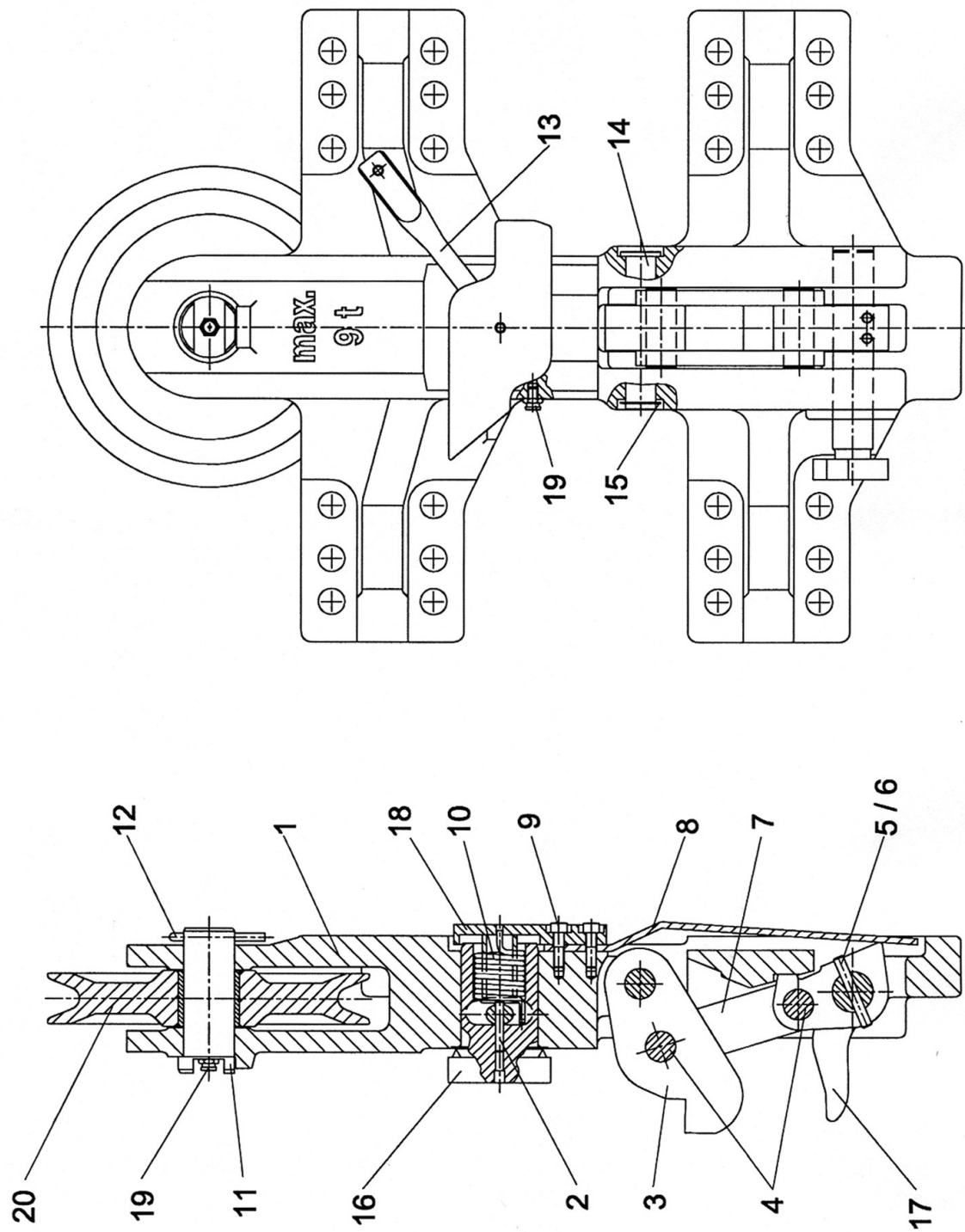
Hera D19-42 Fuel line/breather line complete

No.	Description	Q' ty	Order-no.
—	fuel line/breather line complete	1	102123
1	hose	1	102124
2	hose clip 5/8" -1"	4	94299
3	Y-piece	1	99019
4	hose 0.28m long	1	96504
5	Clip	1	100268
6	screw M8×12	2	93412
7	hose 0.36m long	1	207025



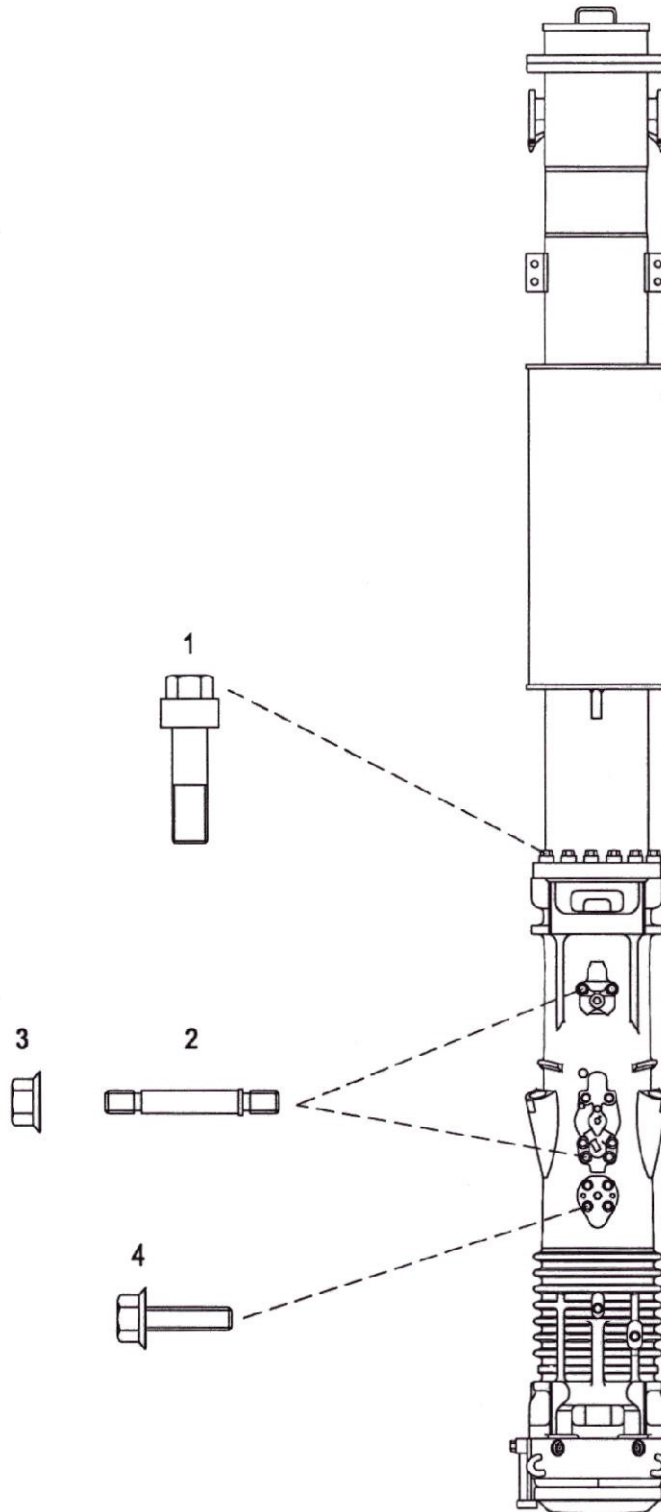
Hera D19-42 Lube line with connecting parts

No.	Description	Q' ty	Order-no.
—	lube line with connecting	1	160151
1	hose clip 5/8" -1"	1	94299
2	hose 1.15m long	1	96035
3	hose 0.43m long	1	150152
4	hose 3.3m long	1	150153
5	hose 0.78m long	1	150156
6	hose 0.14m long	2	150154
7	hose 0.13m long	1	150155
8	T—piece	2	94522
9	hose clip	26	95115
10	clip	13	100268
11	locking screw M8×12	26	93412
12	clip	1	41981
13	ring type nipple	8	97949
14	hollow screw	8	97948
15	sealing ring	16	91417



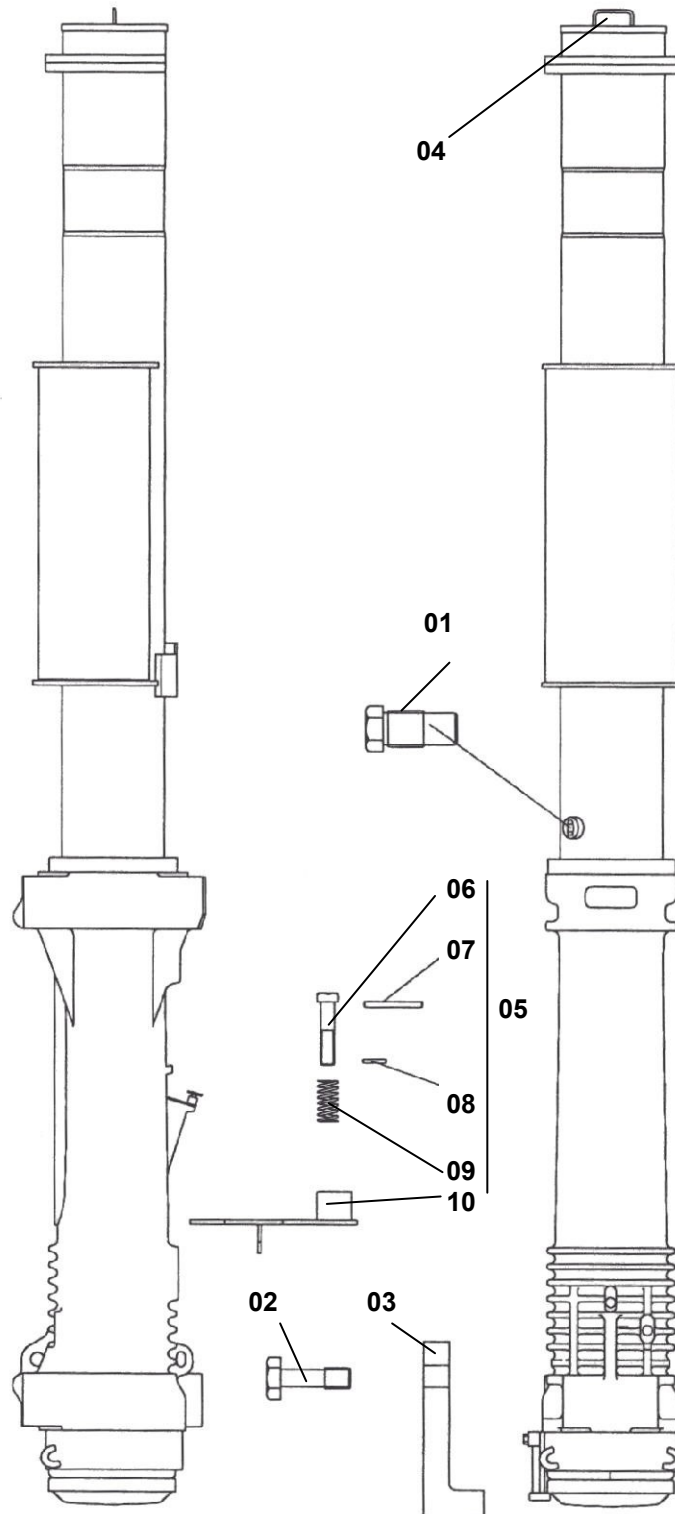
Hera D19-42 Trip gear

No.	Description	Q' ty	Order-no.
—	trip gear complete	1	104694
1	guide body	1	104697
2	dowel pin 8×50	1	90380
3	pawl	1	64192
4	joint bole	2	1106
5	dowel pin 10×75	2	91321
6	dowel pin 6×60	2	90160
7	shackle	2	1104
8	leaf spring	2	39382
9	lock screw M10×30	4	93414
10	torsion spring	1	39381
11	pin	1	104954
12	split pin 8×80	1	90637
13	lever	1	64189
14	pin	1	64190
15	circlip 30×1.2	1	90221
16	driving pin	1	108300
17	cam with lever complete	1	104695
18	cover	1	104698
19	grease nipple M10×1	2	90791
20	sheave complete	1	203002



Hera D19-42 Connecting parts

No.	Description	Q`ty	Order-no.
—	set connecting parts for cylinder upper part with cylinder lower part:	1	102134
1	reduced screw M24×165 for variable-delivery fuel pump with cylinder lower part:	8	20174
2	stud bolt M16	6	20189
3	locking nut M16 for lube pump with cylinder lower part:	6	94722
2	stud bolt M16	2	20189
3	locking nut M16 for injection vale with cylinder lower part:	2	94722
4	hexagon screw M16×45	4	95639



Hera D19-42 Transport protection complete

No.	Description	Q' ty	Order-no.
—	transport protecting complete	1	138827
1	locking screw M42×3	1	16890
2	hexagon screw M24	2	22702
3	impact block securing clamp	1	102144
4	protecting cap	1	136688
5	exhaust cover complete	2	104963
6	screw complete	2	20076
7	dowel pin 5×50	2	90661
8	dowel pin 3×20	2	91444
9	pressure spring	2	20082
10	cover	2	104964

No.	Description	Q' ty	Order-no.
—	tool box complete	1	102139
1	tool book	1	90890
2	piston ring fitting band complete	1	102140
3	piston ring fitting pliers complete	1	626
4	assembly plate complete	2	22700
5	punch $\Phi 12/\Phi 16$	1	93349
6	punch $\Phi 4/\Phi 8$	1	90354
7	ratchet spanner	1	90196
8	ring screw M30	1	91336
9	double ended open spanner30×32	1	90655
10	double ended open spanner19×22	1	90443
11	double ended open spanner17×19	1	92015
12	double ended ring spanner22×24	1	95834
13	single ended open spanner 27	1	90465
14	single ended open spanner 46	1	90184
15	socket wrench SW36	1	94461
16	angled screw driver 5	1	90055
17	angled screw driver 6	1	90862
18	angled screw driver 8	1	90657
19	angled screw driver 19	1	90194
20	pliers A19	1	90785
21	Grease gun	1	90795
22	0.5kg Molyube grease	1	93551