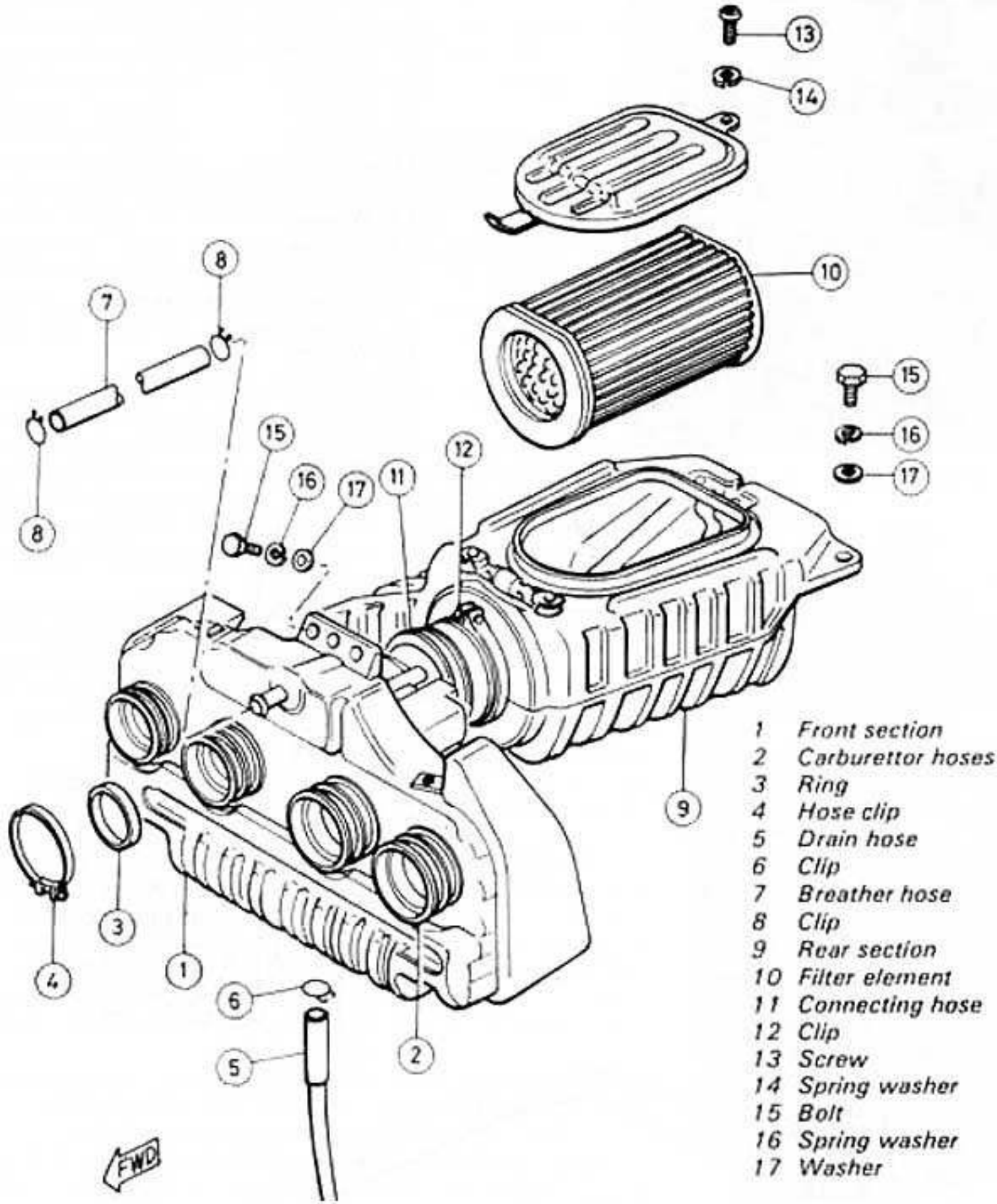
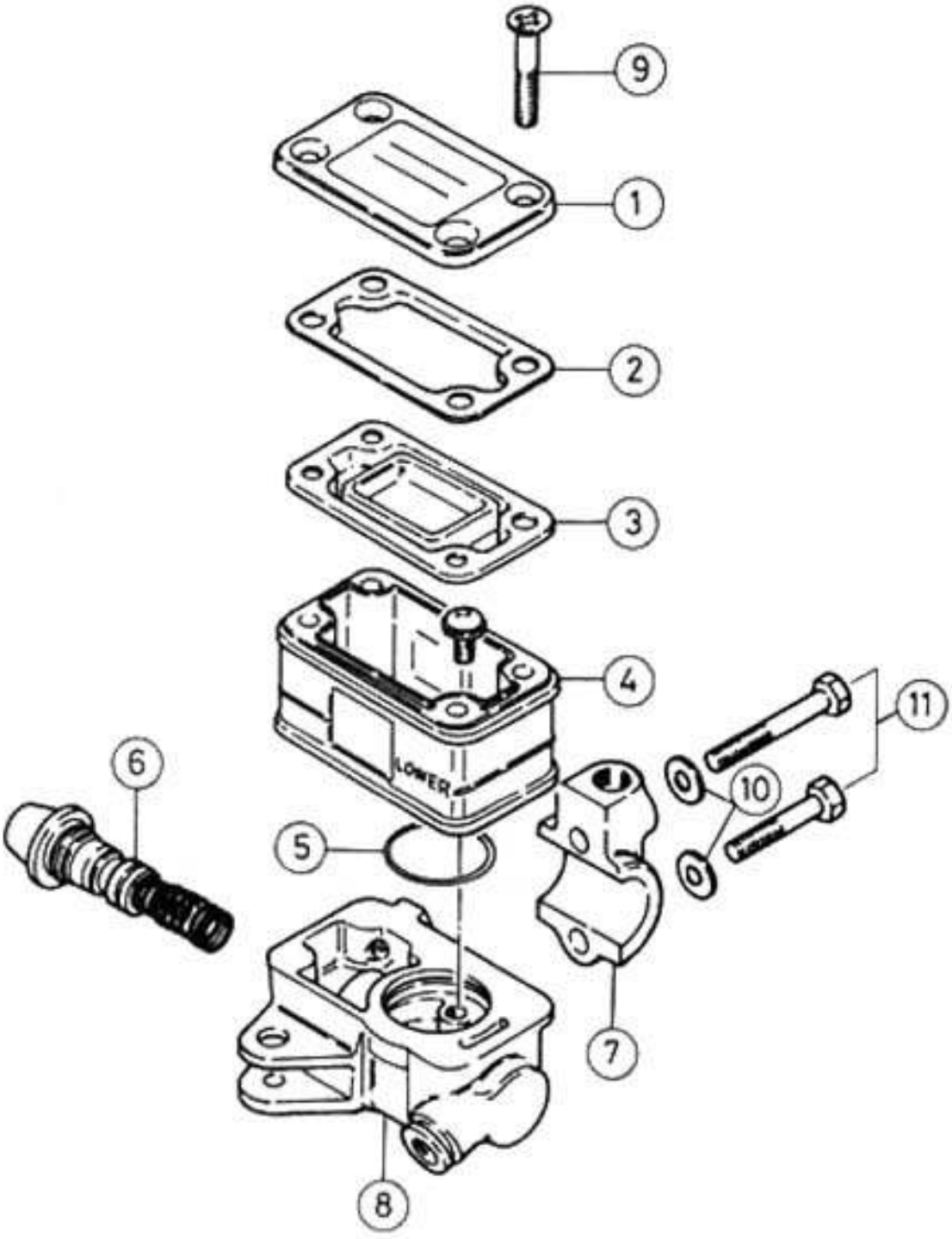
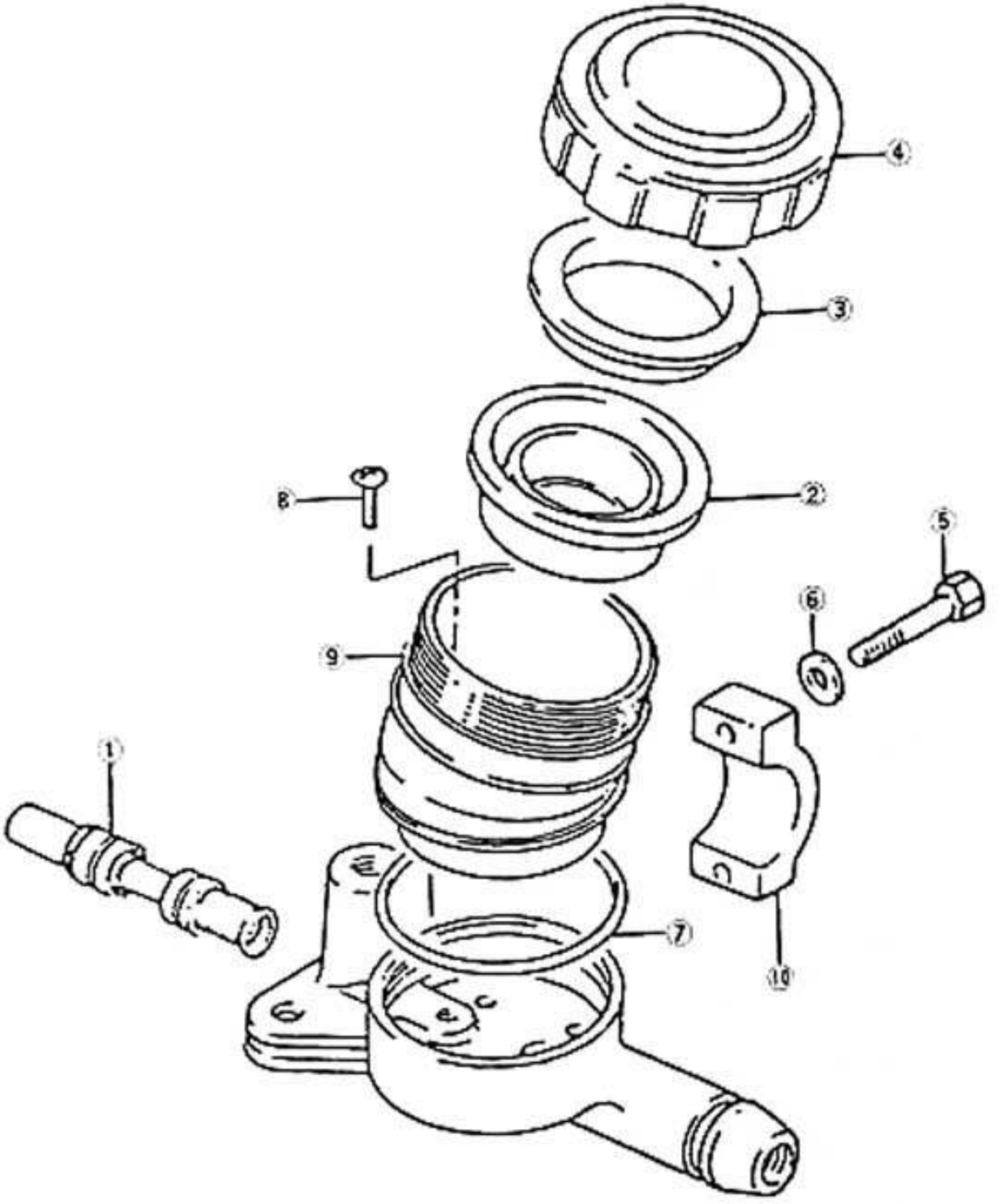


1 Front section
2 Carburettor hoses
3 Ring
4 Hose clip
5 Drain hose
6 Clip
7 Breather hose
8 Clip
9 Rear section
10 Filter element
11 Connecting hose
12 Clip
13 Screw
14 Spring washer
15 Bolt
16 Spring washer
17 Washer

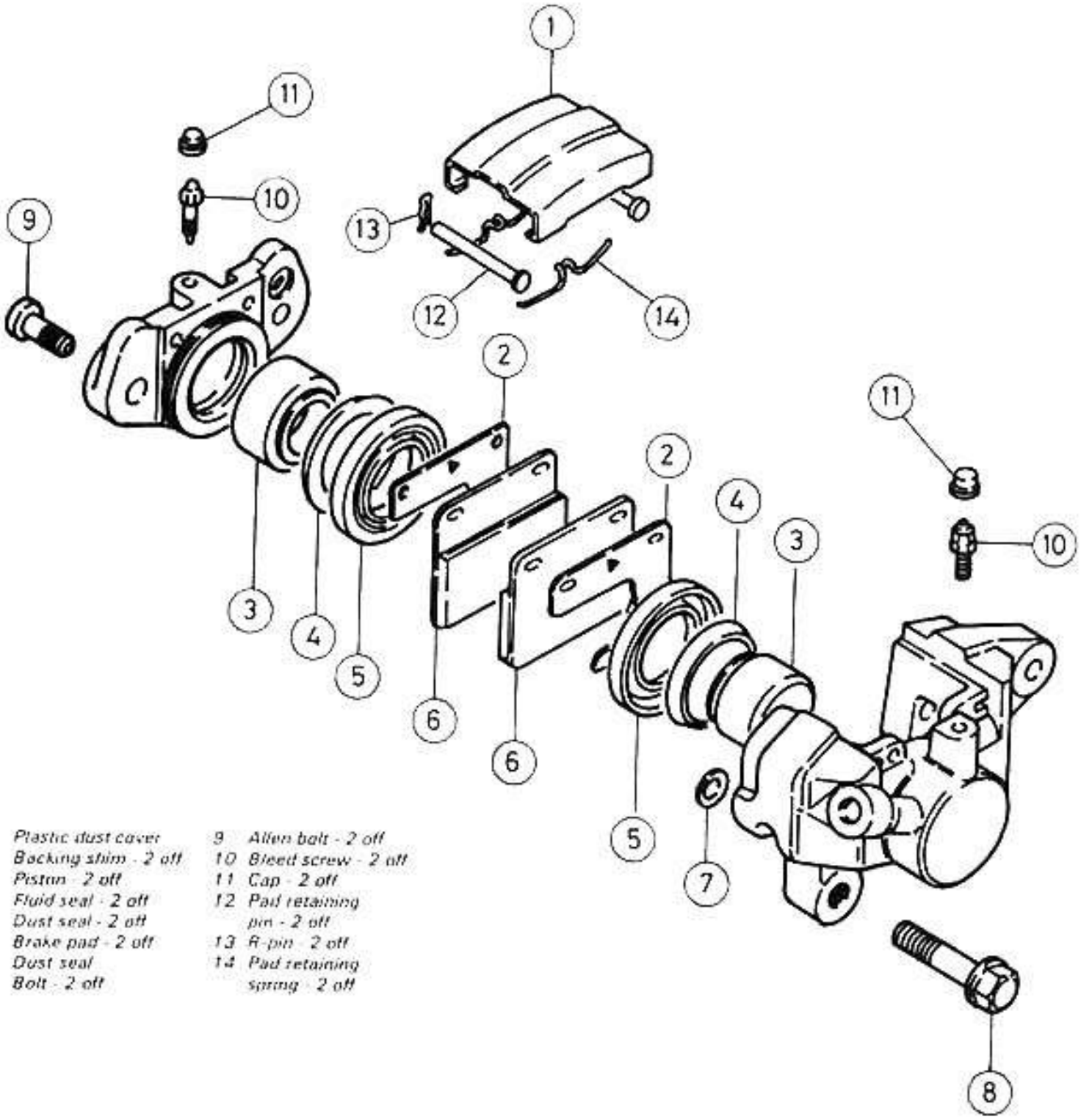




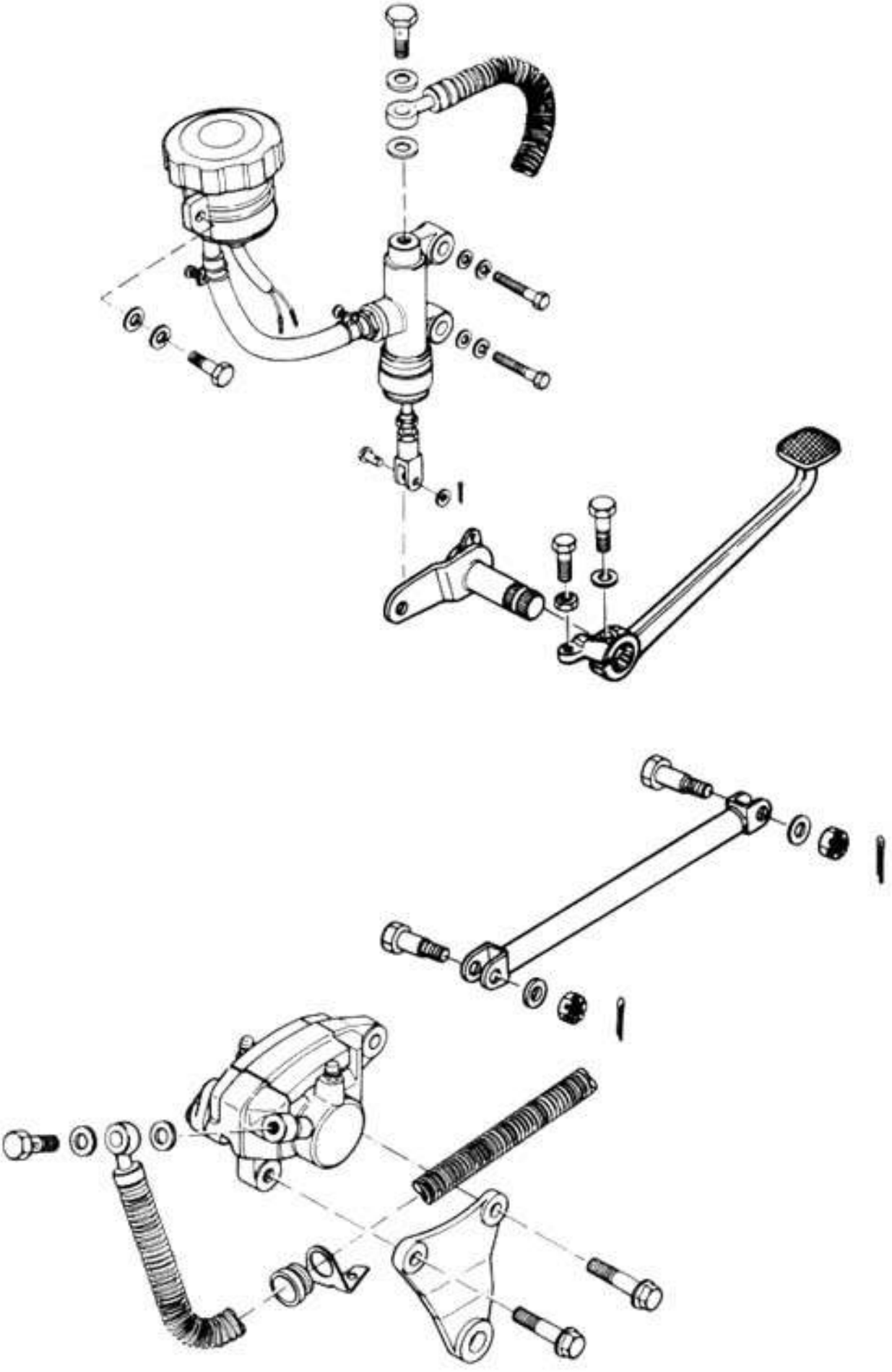
1	Reservoir cap	7	Handlebar clamp
2	Diaphragm plate	8	Master cylinder
3	Diaphragm	9	Screw - 4 off
4	Reservoir	10	Washer - 2 off
5	O-ring	11	Bolt - 2 off
6	Piston assembly		

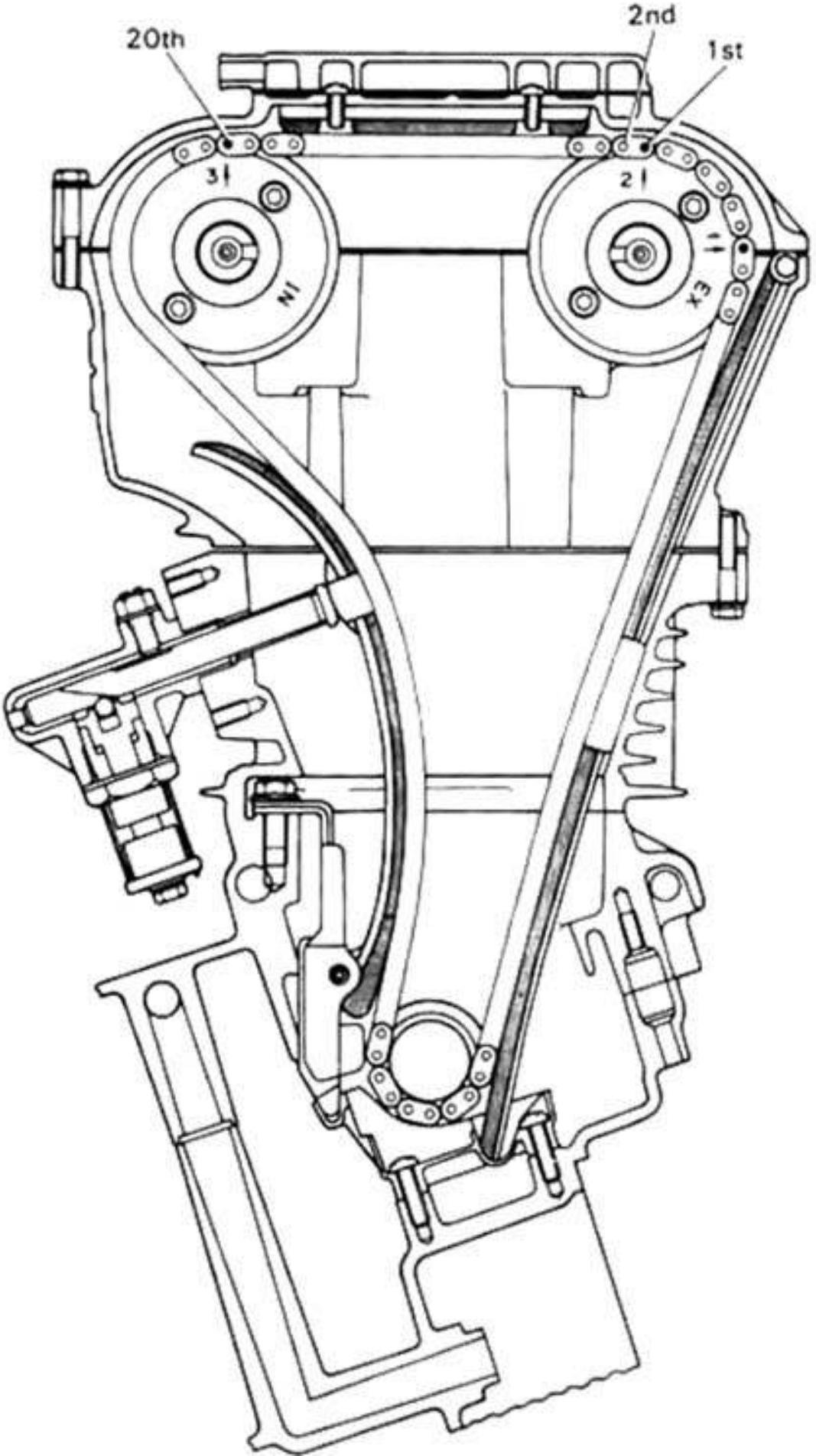


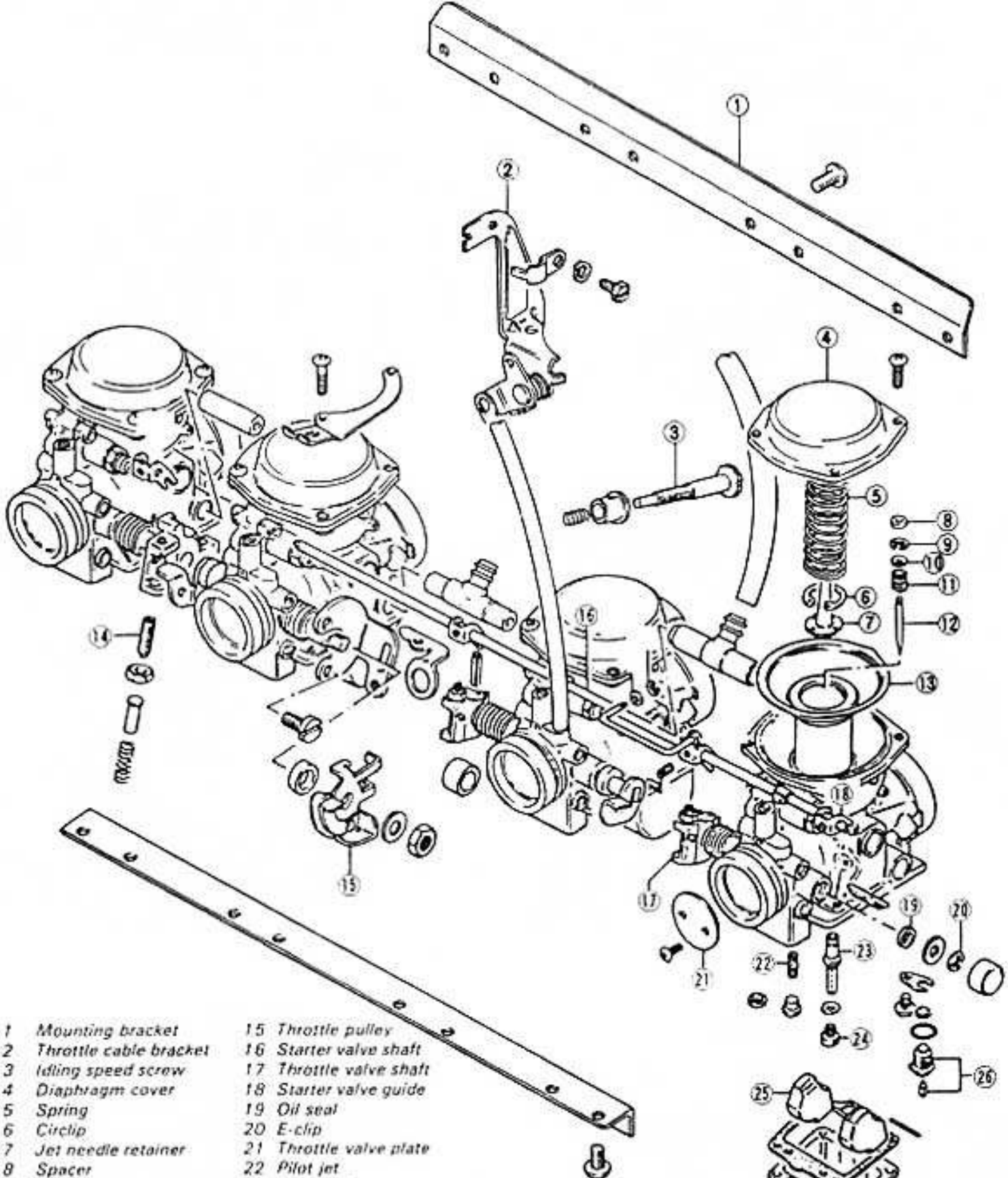
1 Piston assembly
2 Diaphragm
3 Diaphragm plate
4 Reservoir cap
5 Bolt - 2 off
6 Washer - 2 off
7 O-ring
8 Screw
9 Reservoir
10 Handlebar clamp



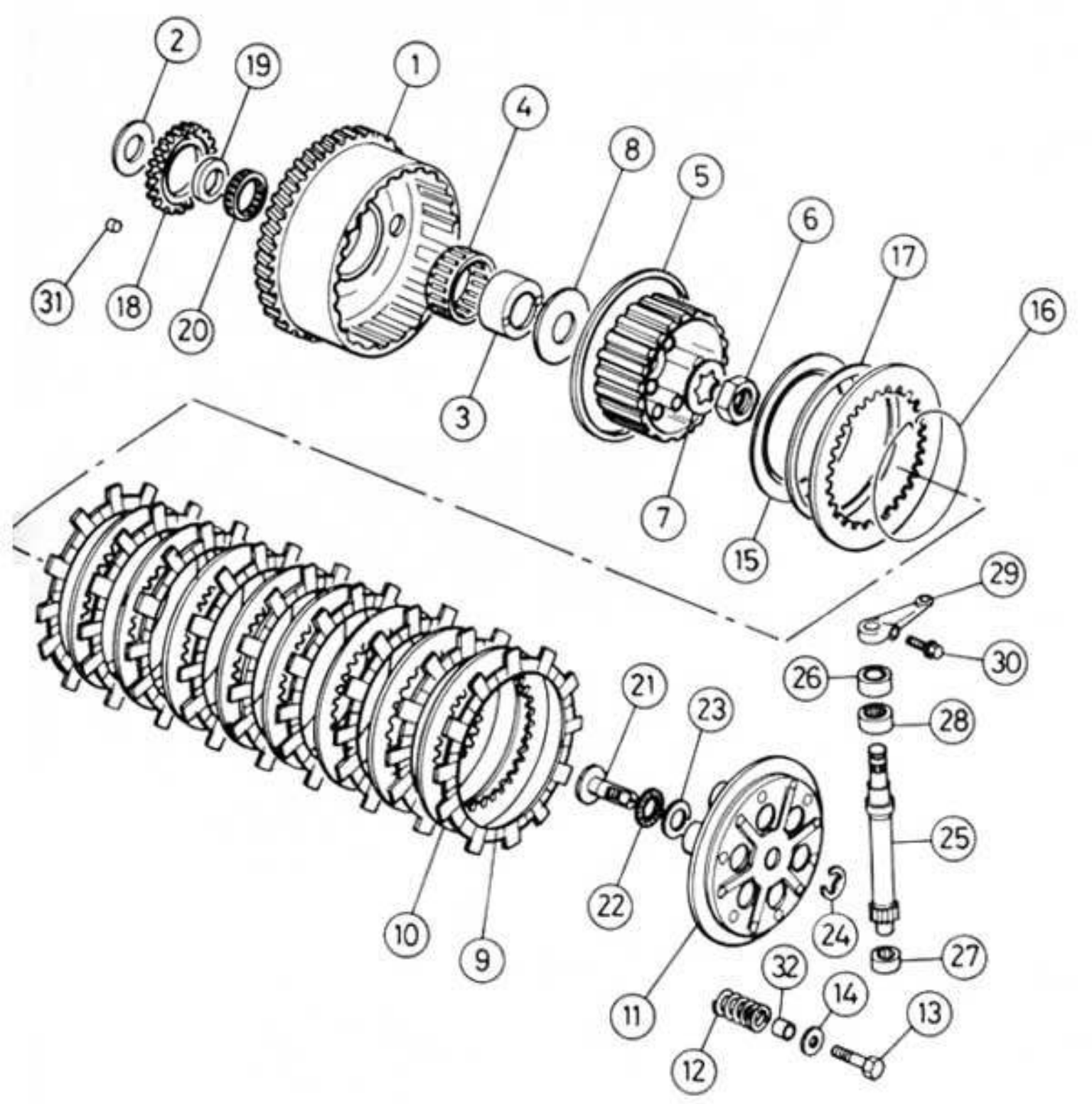
1 Plastic dust cover
2 Backing shim - 2 off
3 Piston - 2 off
4 Fluid seal - 2 off
5 Dust seal - 2 off
6 Brake pad - 2 off
7 Dust seal
8 Bolt - 2 off
9 Allen bolt - 2 off
10 Bleed screw - 2 off
11 Cap - 2 off
12 Pad retaining pin - 2 off
13 R-pin - 2 off
14 Pad retaining spring - 2 off



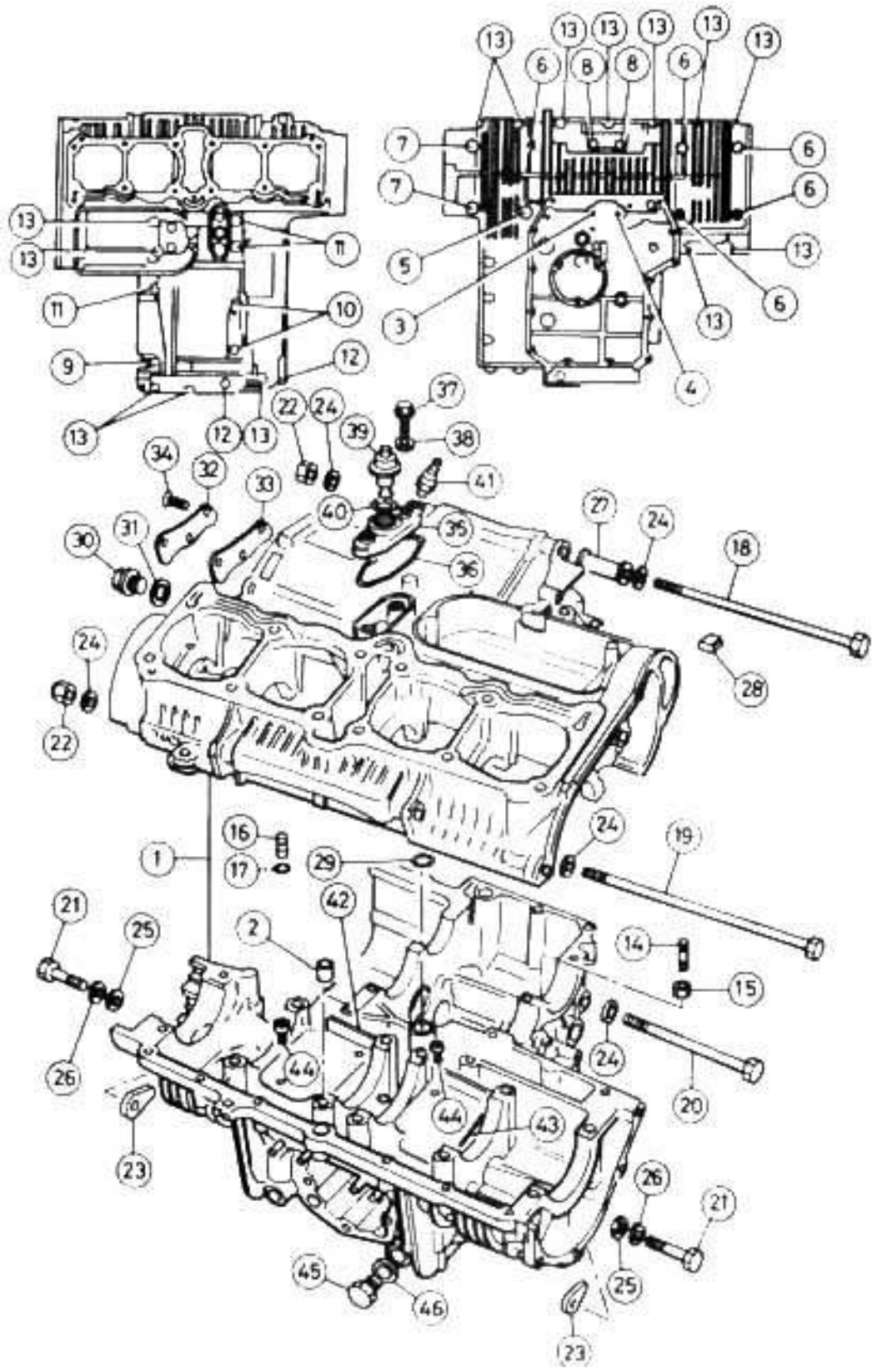

20th
2nd
1st
3
2
1
IN
EX



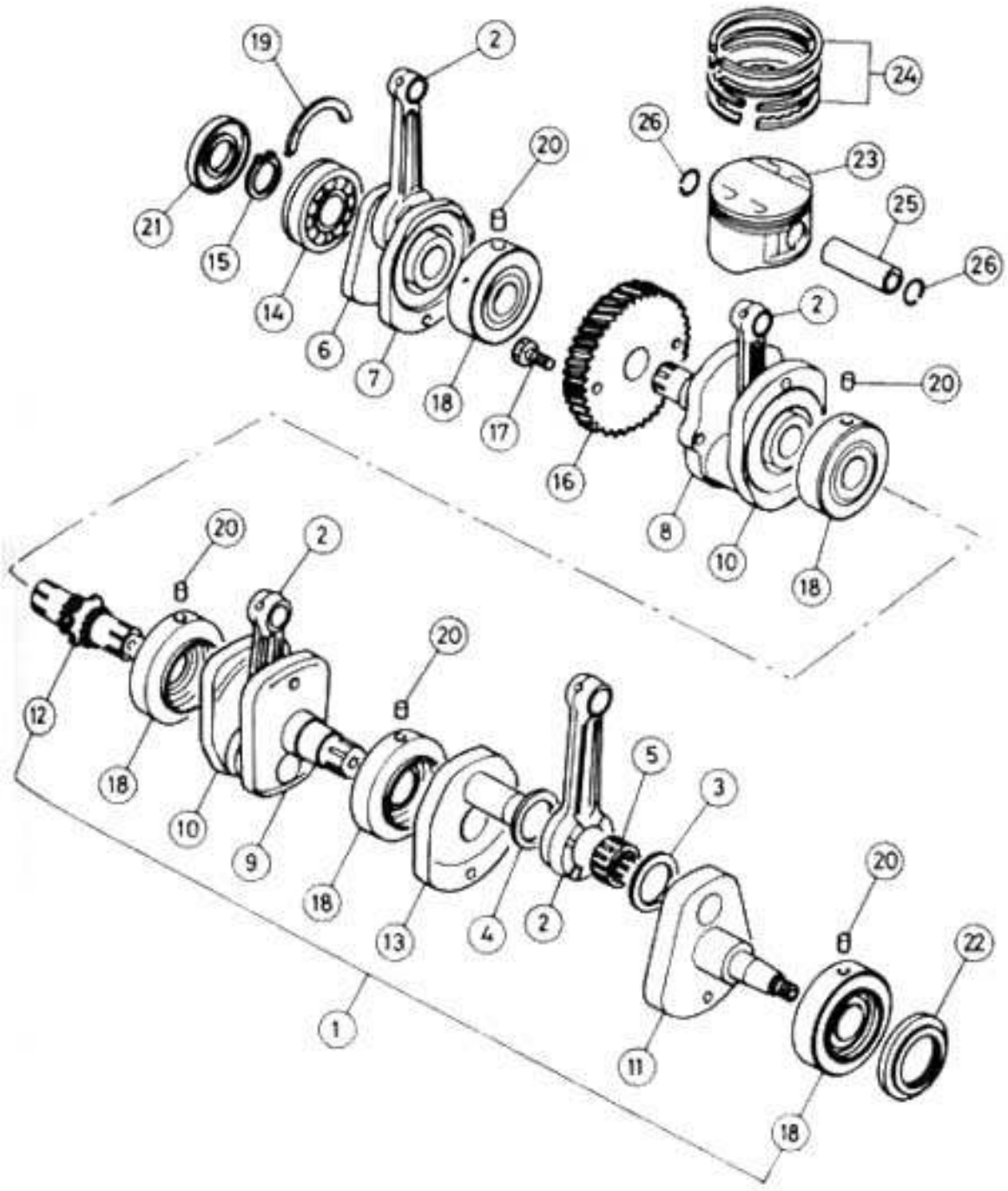
1 Mounting bracket
2 Throttle cable bracket
3 Idling speed screw
4 Diaphragm cover
5 Spring
6 Circlip
7 Jet needle retainer
8 Spacer
9 Clip
10 Washer
11 Spring
12 Jet needle
13 Diaphragm and piston
14 Synchronising screw
15 Throttle pulley
16 Starter valve shaft
17 Throttle valve shaft
18 Starter valve guide
19 Oil seal
20 E-clip
21 Throttle valve plate
22 Pilot jet
23 Needle jet
24 Main jet
25 Float
26 Float needle valve
27 Drain plug



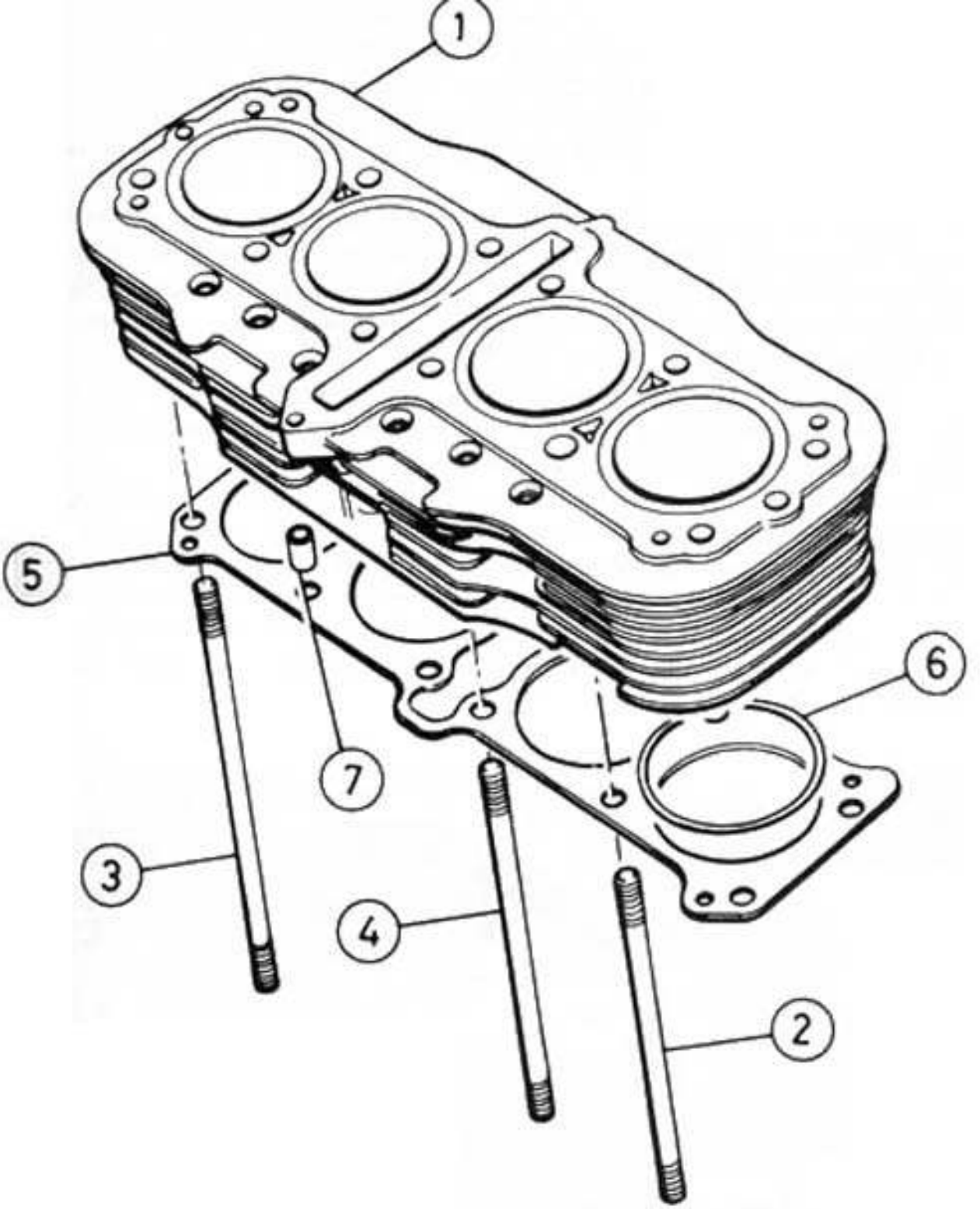
1 Clutch drum
2 Thrust washer
3 Sleeve
4 Needle roller bearing
5 Clutch centre
6 Centre nut
7 Splined tab washer
8 Thrust washer
9 Friction plate – 9 off
10 Plain plate – 9 off
11 Pressure plate
12 Spring – 6 off
13 Bolt – 6 off
14 Washer – 6 off
15 Spring seat
16 Wire clip
17 Diaphragm spring
18 Oil pump drive pinion
19 Sleeve
20 Needle roller bearing
21 Release rack
22 Thrust bearing
23 Thrust washer
24 E-clip
25 Operating shaft
26 Oil seal
27 Bearing
28 Bearing
29 Operating lever
30 Bolt
31 Rubber peg
32 Spacer – 6 off



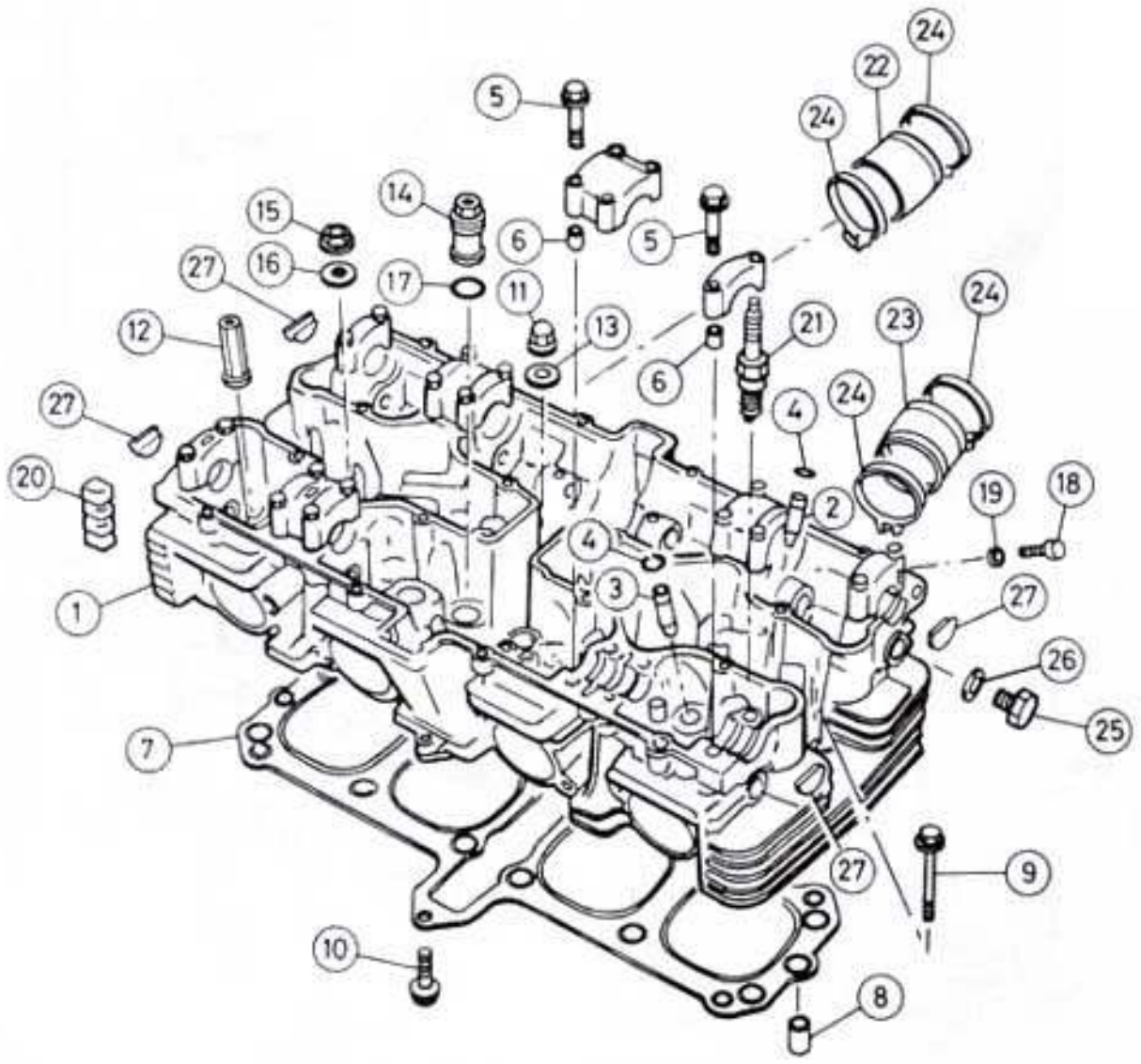
1 Crankcases
2 Locating dowel – 2 off
3 Bolt
4 Bolt
5 Bolt
6 Bolt – 5 off
7 Bolt – 2 off
8 Bolt – 2 off
9 Bolt
10 Bolt – 2 off
11 Bolt – 3 off
12 Bolt – 2 off
13 Bolt – 14 off
14 Stud
15 Nut
16 Oil feed jet
17 O-ring
18 Bolt
19 Bolt
20 Bolt
21 Bolt – 2 off
22 Nut – 3 off
23 Nut – 2 off
24 Washer – 6 off
25 Washer – 2 off
26 Spring washer – 2 off
27 Spacer
28 Casing grommet
29 O-ring
30 Oil check bolt
31 Sealing washer
32 Oil gallery cover
33 Gasket
34 Screw – 3 off
35 Switch housing
36 O-ring
37 Bolt – 2 off
38 Washer – 2 off
39 Oil pressure switch
40 O-ring
41 Oil temperature sender
42 Right-hand baffle plate
43 Left-hand baffle plate
44 Screw – 4 off
45 Plug – 2 off
46 Washer – 2 off



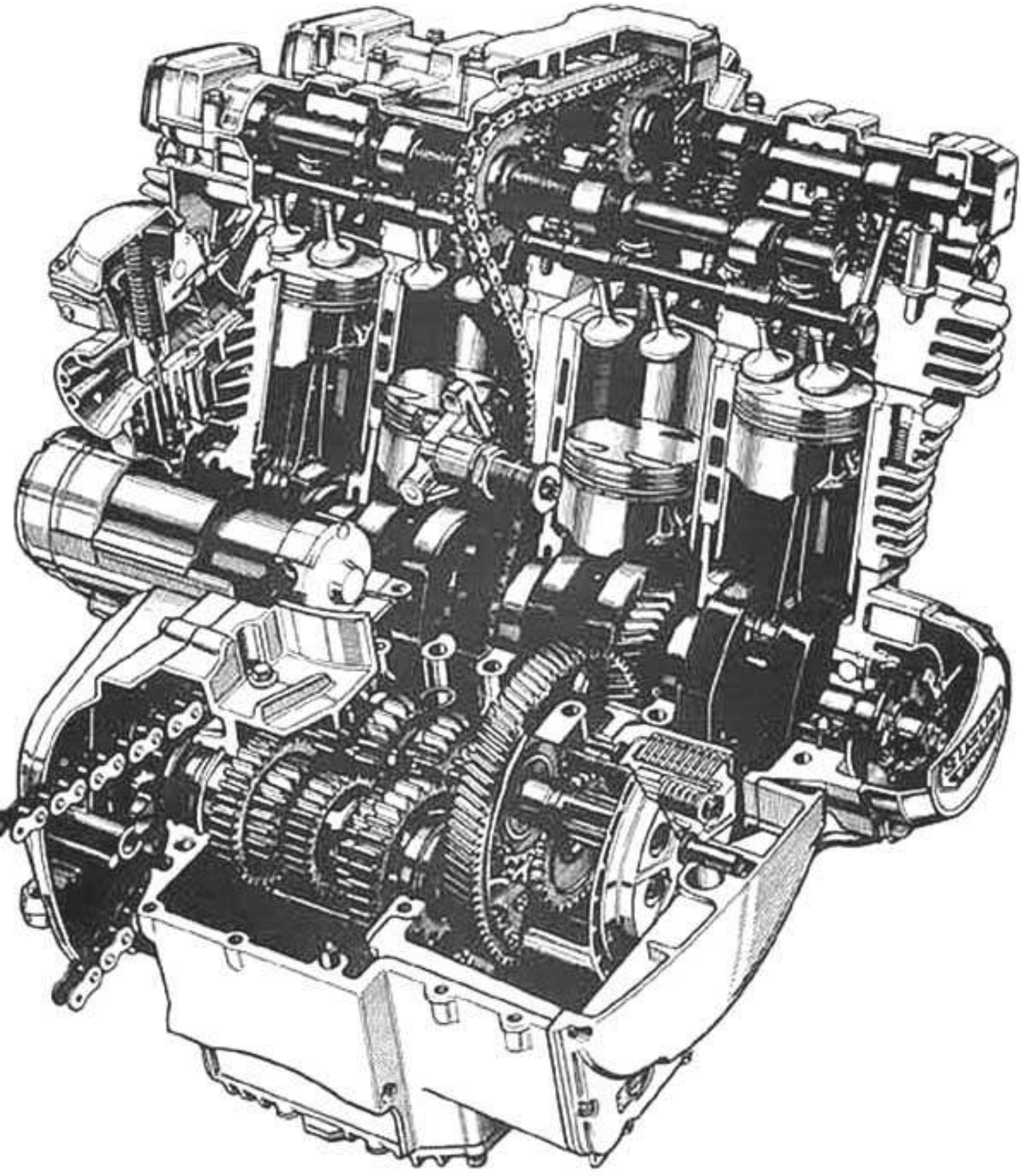
1 Crankshaft assembly
2 Connecting rod
3 Thrust washer – 4 off
4 Thrust washer – 4 off
5 Big-end bearing – 4 off
6 Flywheel
7 Flywheel
8 Flywheel
9 Flywheel
10 Flywheel
11 Flywheel
12 Cam chain sprocket shaft
13 Flywheel
14 Right-hand main bearing
15 Circlip
16 Primary drive gear
17 Bolt – 2 off
18 Main bearing – 5 off
19 Bearing half ring
20 Dowel pin – 5 off
21 Right-hand oil seal
22 Left-hand oil seal
23 Piston – 4 off
24 Piston rings – 4 off
25 Gudgeon pin – 4 off
26 Circlip – 8 off

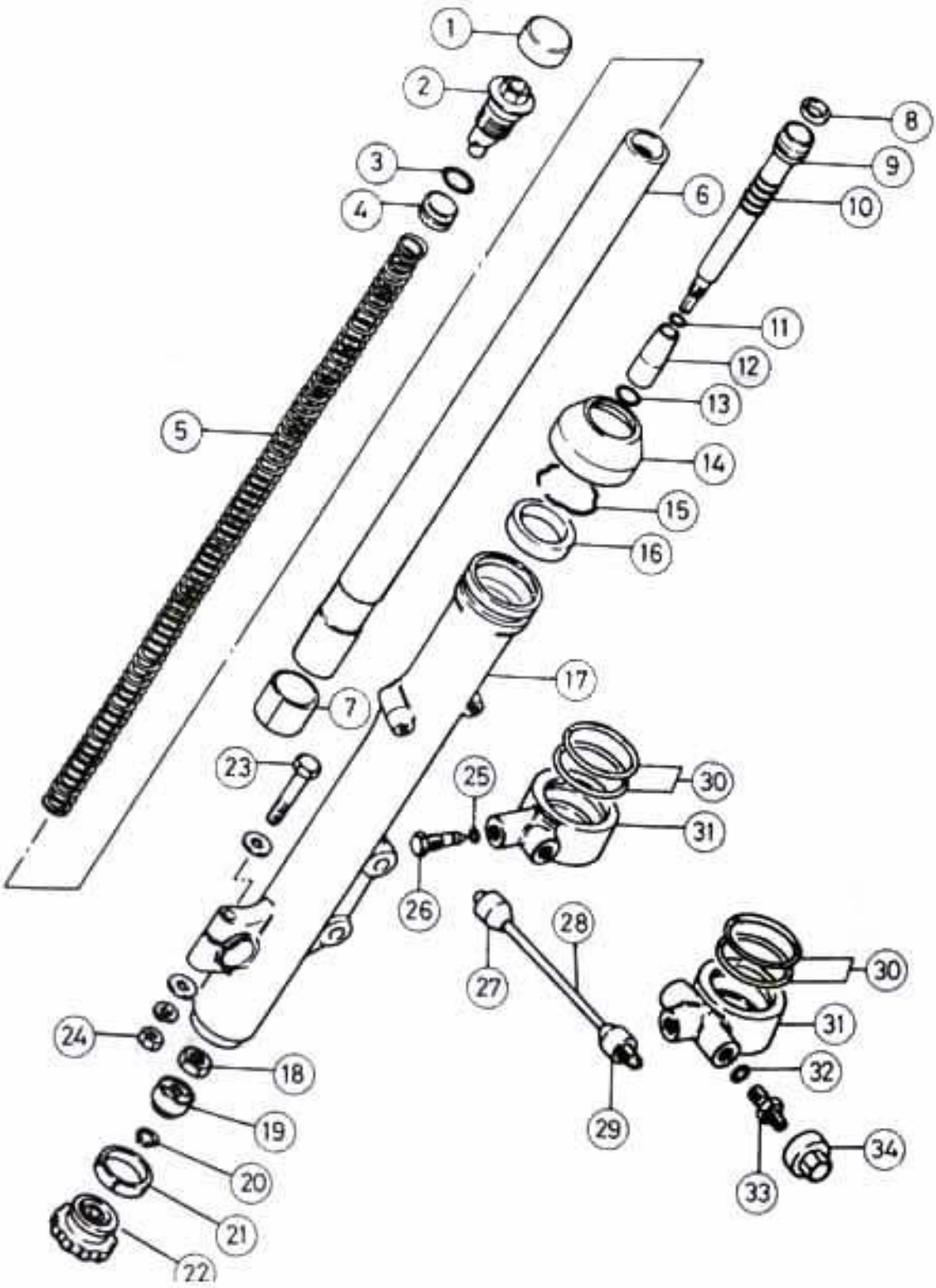


1	Cylinder barrel	5	Base gasket
2	Stud – 4 off	6	O-ring – 4 off
3	Stud – 6 off	7	Hollow dowel – 2 off
4	Stud – 2 off		

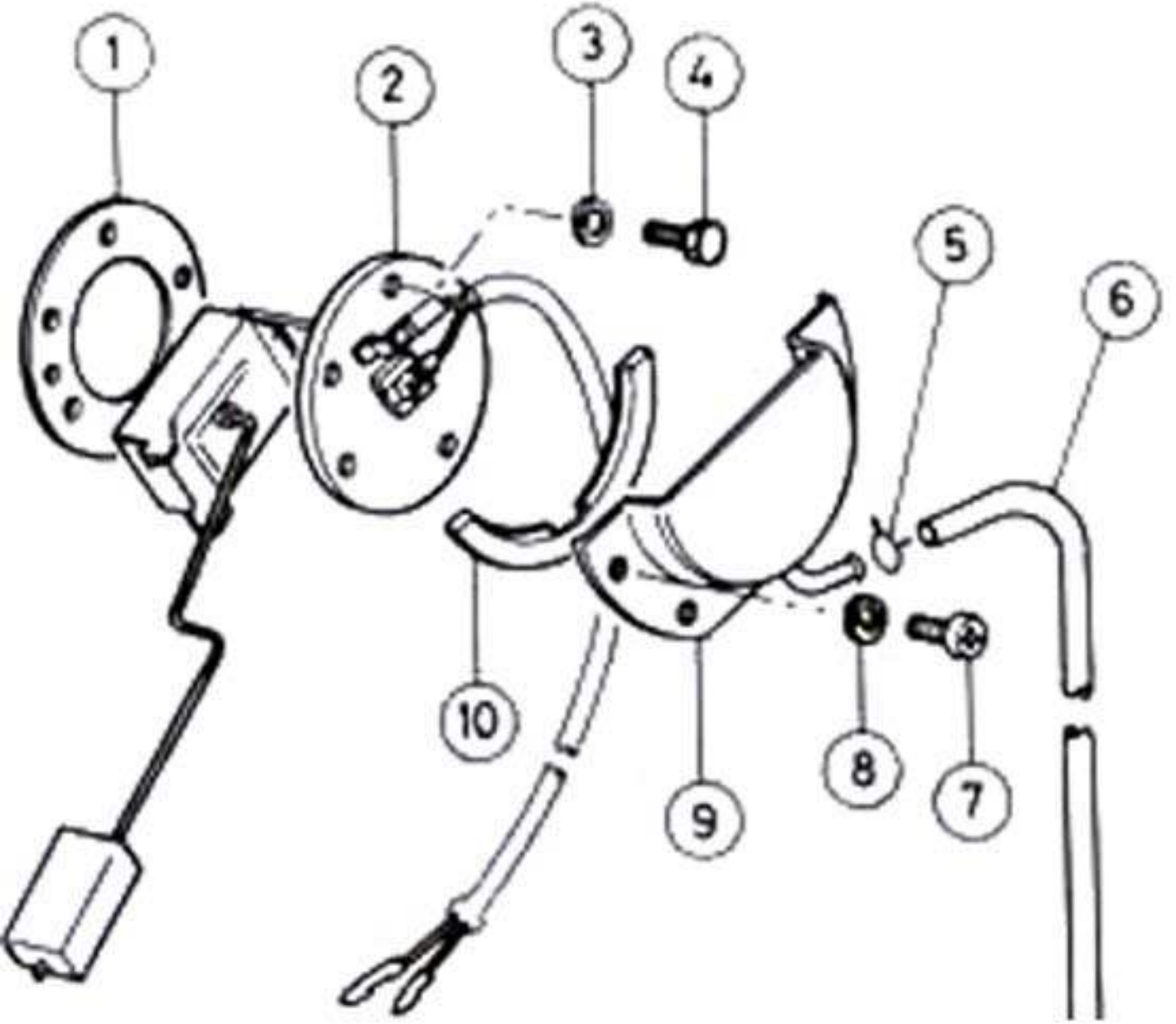


1 Cylinder head
2 Inlet valve guide – 8 off
3 Exhaust valve guide – 8 off
4 Valve guide ring – 16 off
5 Bolt – 24 off
6 Locating dowel – 16 off
7 Cylinder head gasket
8 Locating dowel – 2 off
9 Bolt – 2 off
10 Bolt
11 Domed nut – 2 off
12 Pillar nut – 4 off
13 Sealing washer – 6 off
14 Pillar nut – 2 off
15 Nut – 4 off
16 Washer – 4 off
17 O-ring – 2 off
18 Vacuum take-off plug – 4 off
19 Sealing washer – 4 off
20 Damping rubber
21 Spark plug – 4 off
22 Right-hand inlet adaptor – 2 off
23 Left-hand inlet adaptor – 2 off
24 Inlet adaptor clamp – 4 off
25 End plugs – 4 off
26 Sealing washer – 4 off
27 Camshaft end plug – 4 off

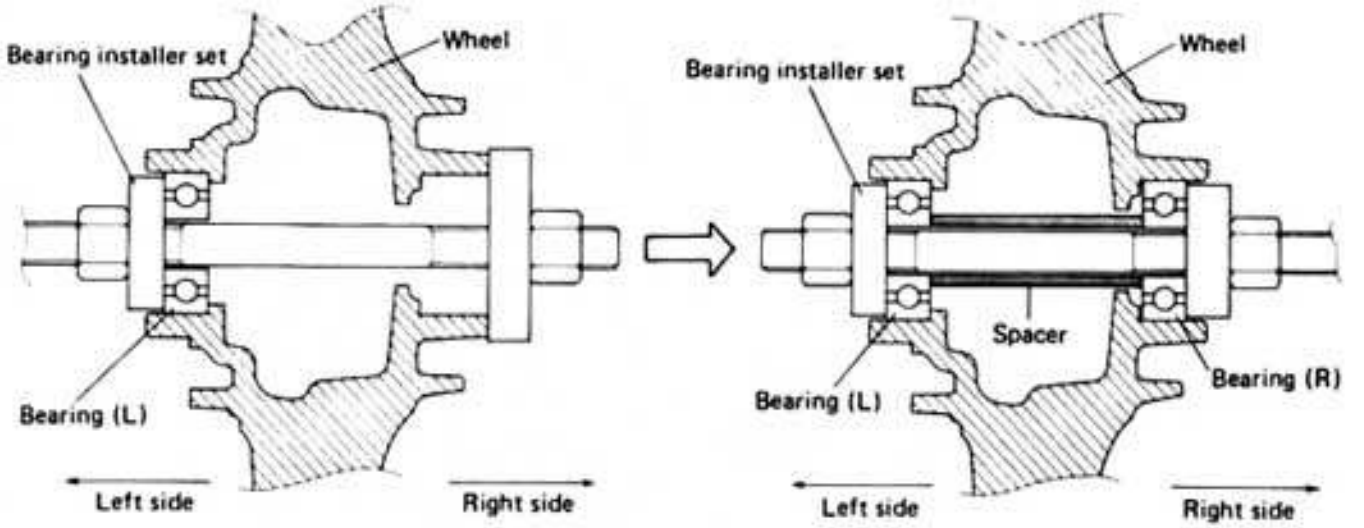




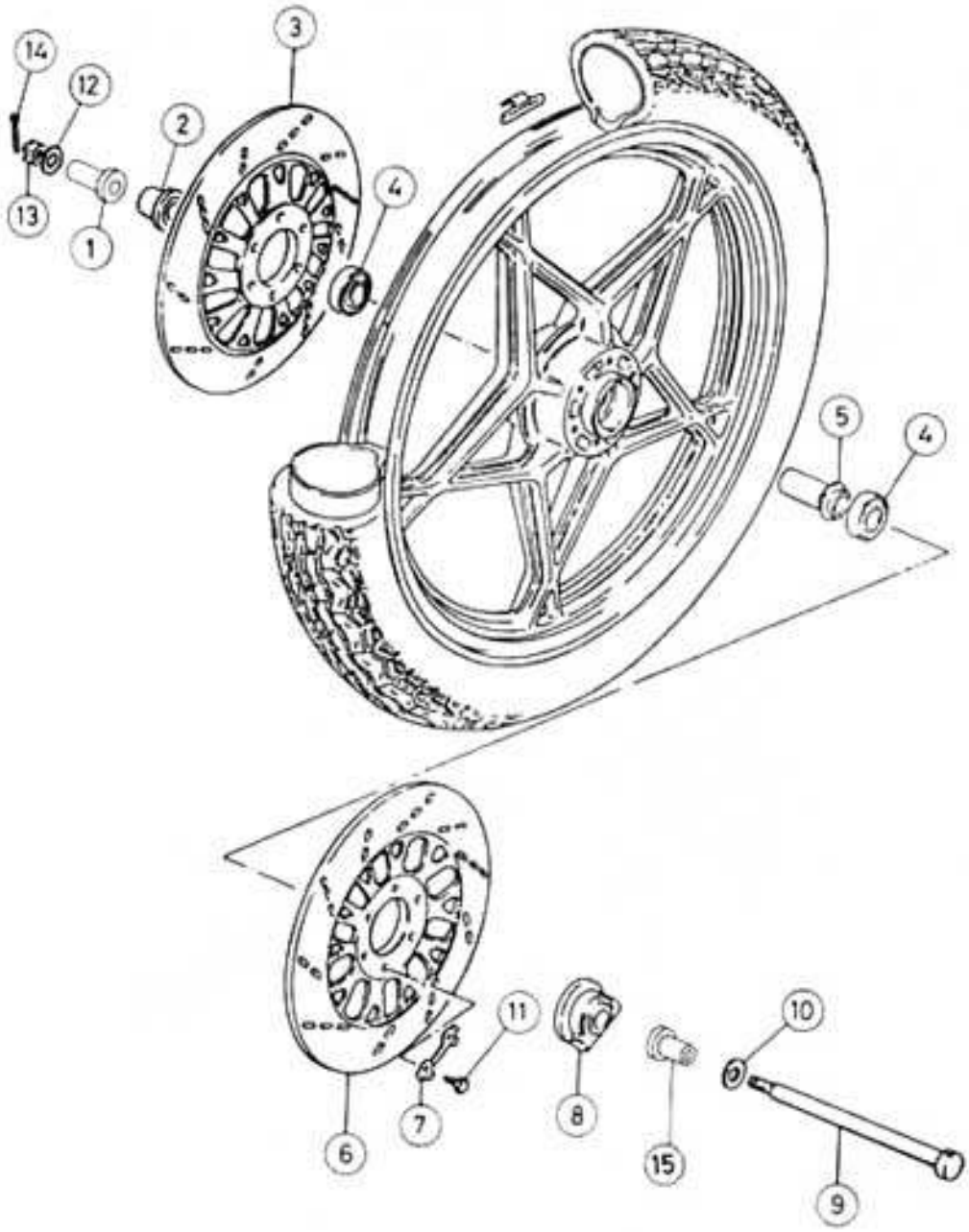
1 Dust cap
2 Top bolt
3 O-ring
4 Floating piston
5 Fork spring
6 Stanchion
7 Bush
8 Piston ring
9 Damper rod
10 Rebound spring
11 O-ring
12 Damper rod seat
13 O-ring
14 Dust seal
15 Oil seal retainer clip
16 Oil seal
17 Lower leg
18 Nut
19 Insert
20 Circlip
21 Dust excluder
22 Damper control knob
23 Pinch bolt
24 Nut
25 O-ring
26 Location bolt
27 Union
28 Air hose
29 Union
30 O-rings
31 Air union
32 O-ring
33 Air valve
34 Air valve cap



1 Seal
2 Sender unit
3 Spring washer
4 Bolt
5 Hose clip
6 Overflow pipe
7 Screw
8 Spring washer
9 Shield
10 Seal

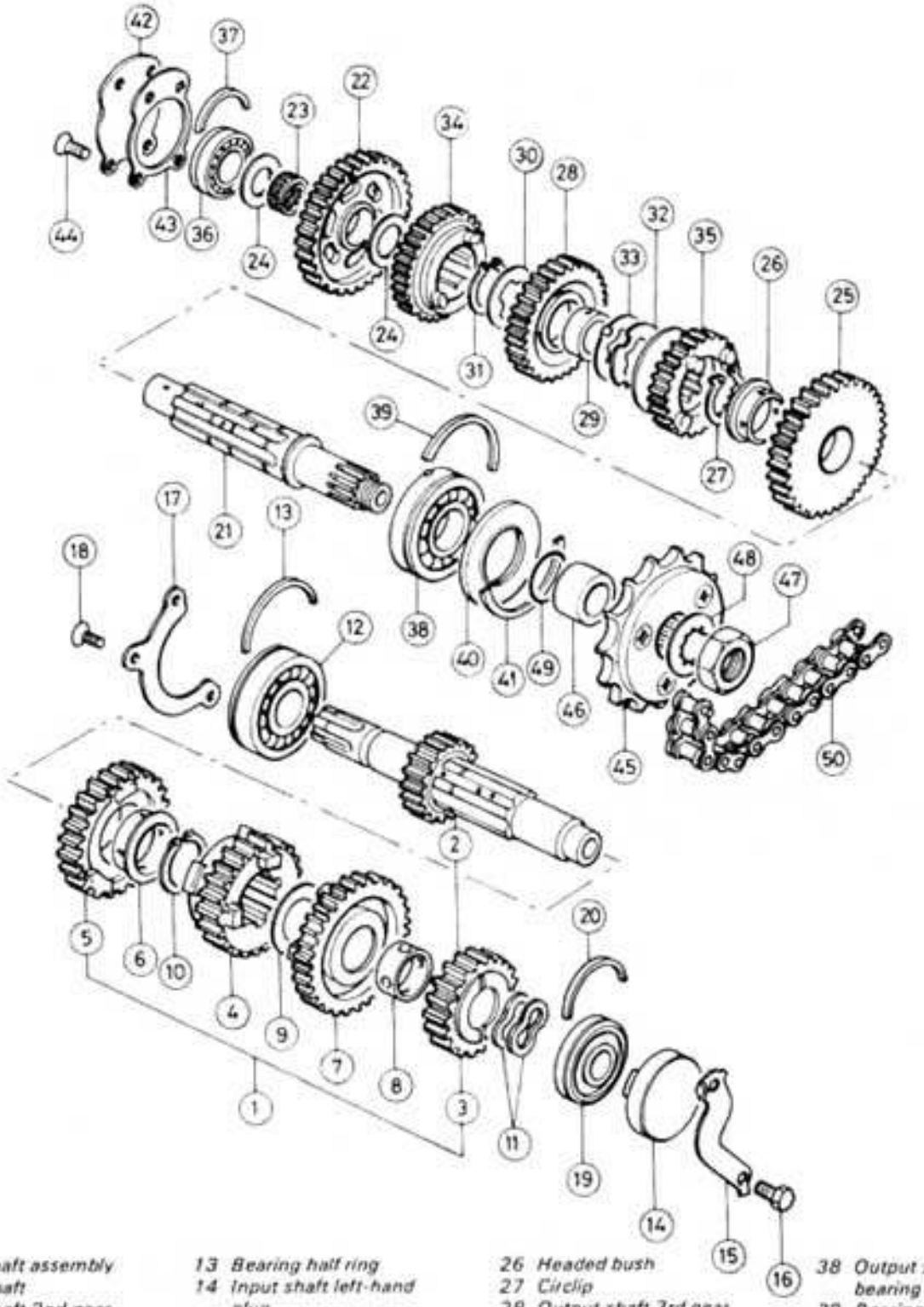


Method of refitting the front wheel bearings

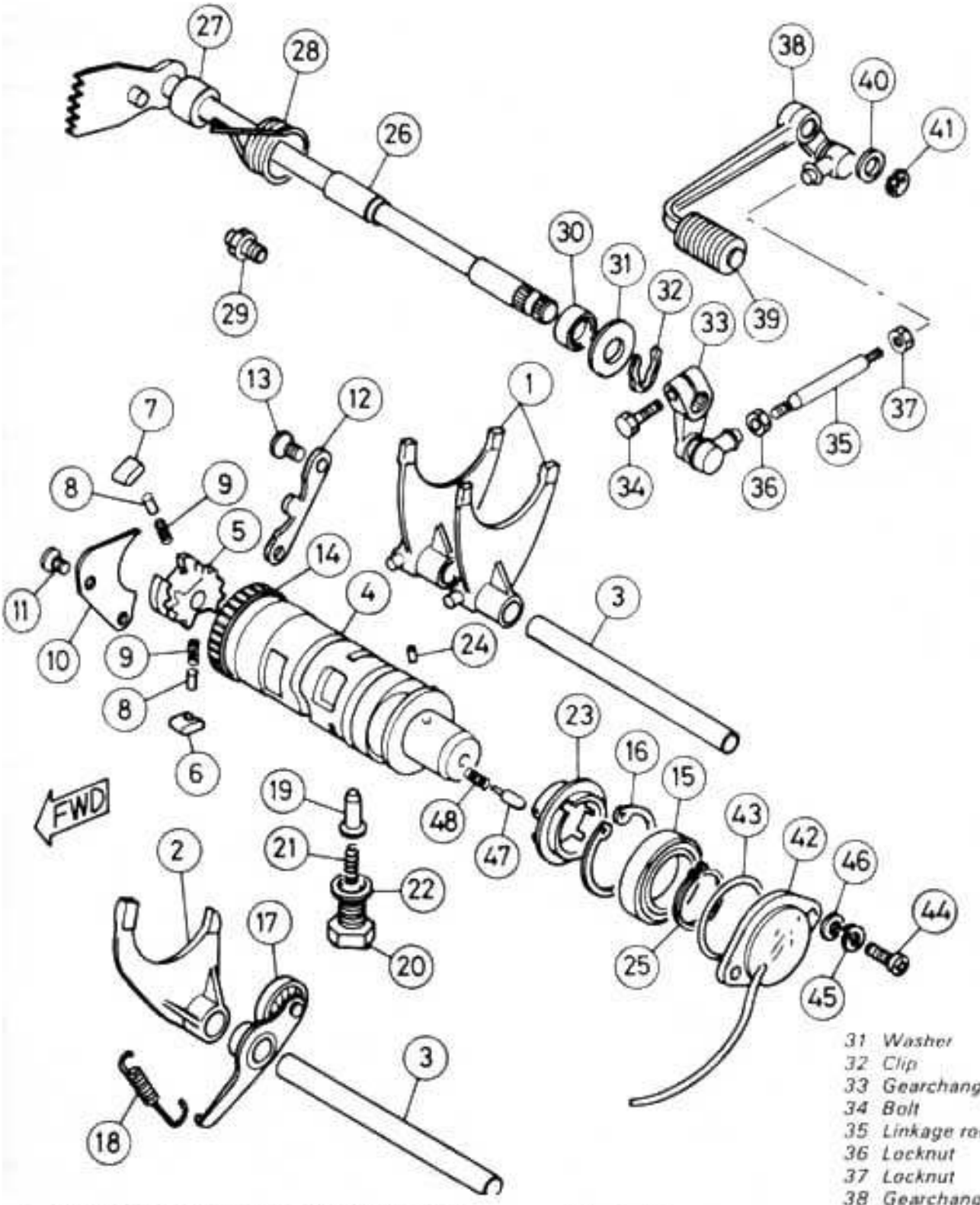


1 *Right-hand spacer**
2 *Headed spacer*
3 *Right-hand brake disc*
4 *Bearing - 2 off*
5 *Spacer*
6 *Left-hand brake disc*
7 *Tab washer - 3 off*
8 *Speedometer drive gearbox*
9 *Wheel spindle*
10 *Washer (where fitted)*
11 *Bolt - 6 off*
12 *Washer*
13 *Nut*
14 *Split pin*
15 *Left-hand spacer - EZ, ED, ESD, SZ, SD models*

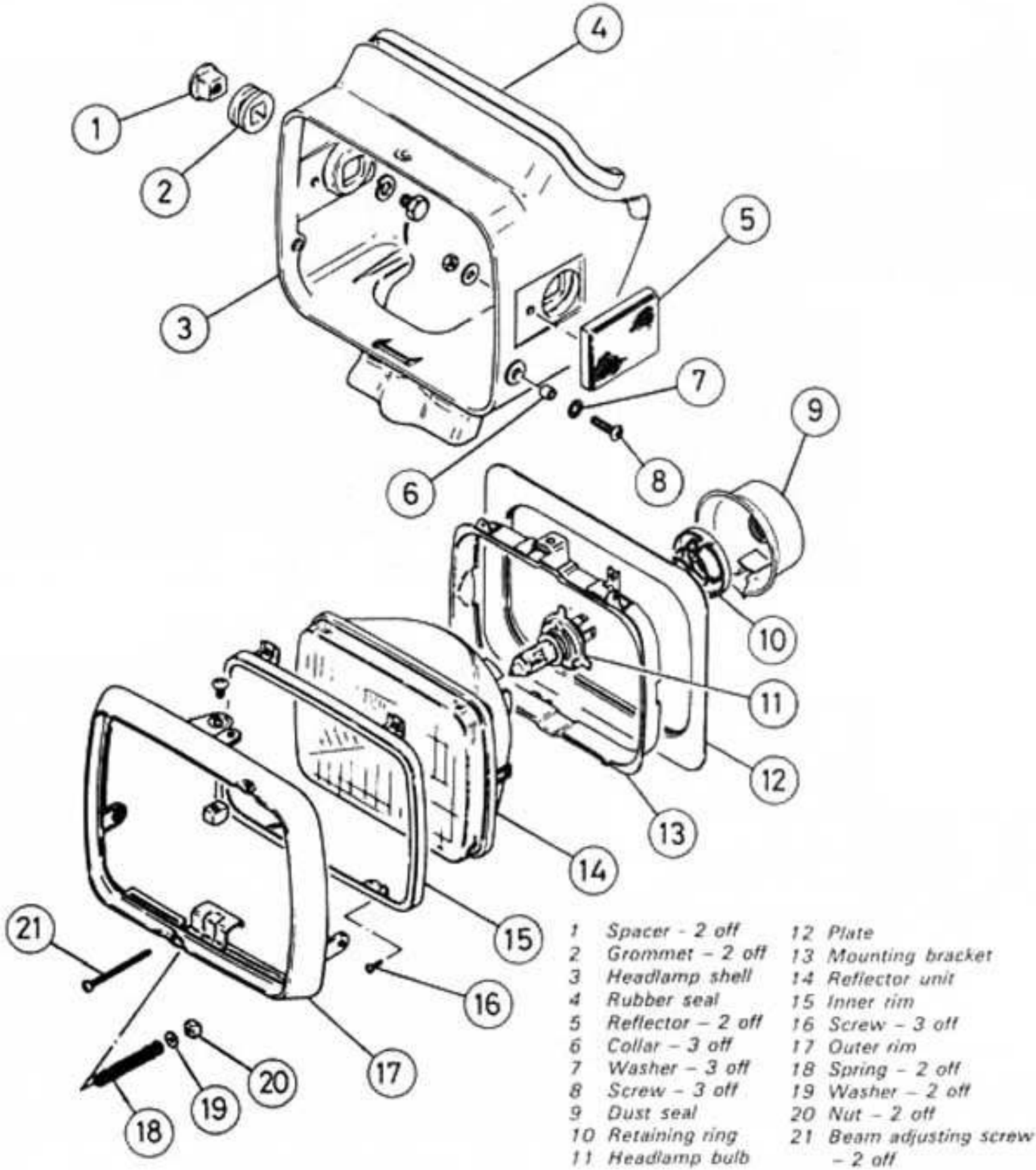
* *Tubular spacer on EZ, ED, ESD, SZ, SD models*



1 Input shaft assembly
2 Input shaft
3 Input shaft 2nd gear pinion
4 Input shaft 3rd gear pinion
5 Input shaft 4th gear pinion
6 Headed bush
7 Input shaft 5th gear pinion
8 Bush
9 Thrust washer
10 Circlip
11 Wave washer – 2 off
12 Input shaft right-hand bearing
13 Bearing half ring
14 Input shaft left-hand plug
15 Oil seal retaining plate
16 Bolt – 2 off
17 Bearing retaining plate
18 Screw – 3 off
19 Input shaft left-hand bearing
20 Bearing half ring
21 Output shaft
22 Output shaft 1st gear pinion
23 Needle roller bearing
24 Thrust washer – 2 off
25 Output shaft 2nd gear pinion
26 Headed bush
27 Circlip
28 Output shaft 3rd gear pinion
29 Splined bush
30 Splined washer
31 Circlip
32 Lock washer
33 Tanged washer
34 Output shaft 4th gear pinion
35 Output shaft 5th gear pinion
36 Output shaft right-hand bearing
37 Bearing half ring
38 Output shaft left-hand bearing
39 Bearing half ring
40 Output shaft left-hand oil seal
41 Bearing half ring
42 Output shaft end plate
43 Gasket
44 Screw – 4 off
45 Final drive sprocket
46 Spacer
47 Nut
48 Lock washer
49 O-ring
50 Final drive chain



1 Output shaft selector fork
2 Input shaft selector fork
3 Selector fork support shaft
4 Selector drum
5 Ratchet block
6 Pawl
7 Pawl
8 Plunger – 2 off
9 Spring – 2 off
10 Retaining plate
11 Screw – 2 off
12 Pawl guide
13 Screw – 2 off
14 Needle roller bearing
15 Bearing
16 Circlip
17 Stopper arm
18 Spring
19 Detent plunger
20 Detent plunger housing
21 Spring
22 Sealing washer
23 Drum stopper plate
24 Locating pin
25 Circlip
26 Gearchange shaft
27 Collar
28 Centralising spring
29 Spring anchor pin
30 Oil seal
31 Washer
32 Clip
33 Gearchange lever linkage
34 Bolt
35 Linkage rod
36 Locknut
37 Locknut
38 Gearchange lever
39 Gearchange lever rubber
40 Washer
41 E-clip
42 Gear indicator switch
43 O-ring
44 Screw – 2 off
45 Spring washer – 2 off
46 Washer – 2 off
47 Gear position contact pin
48 Spring



1 Spacer - 2 off
2 Grommet – 2 off
3 Headlamp shell
4 Rubber seal
5 Reflector – 2 off
6 Collar – 3 off
7 Washer – 3 off
8 Screw – 3 off
9 Dust seal
10 Retaining ring
11 Headlamp bulb
12 Plate
13 Mounting bracket
14 Reflector unit
15 Inner rim
16 Screw – 3 off
17 Outer rim
18 Spring – 2 off
19 Washer – 2 off
20 Nut – 2 off
21 Beam adjusting screw – 2 off

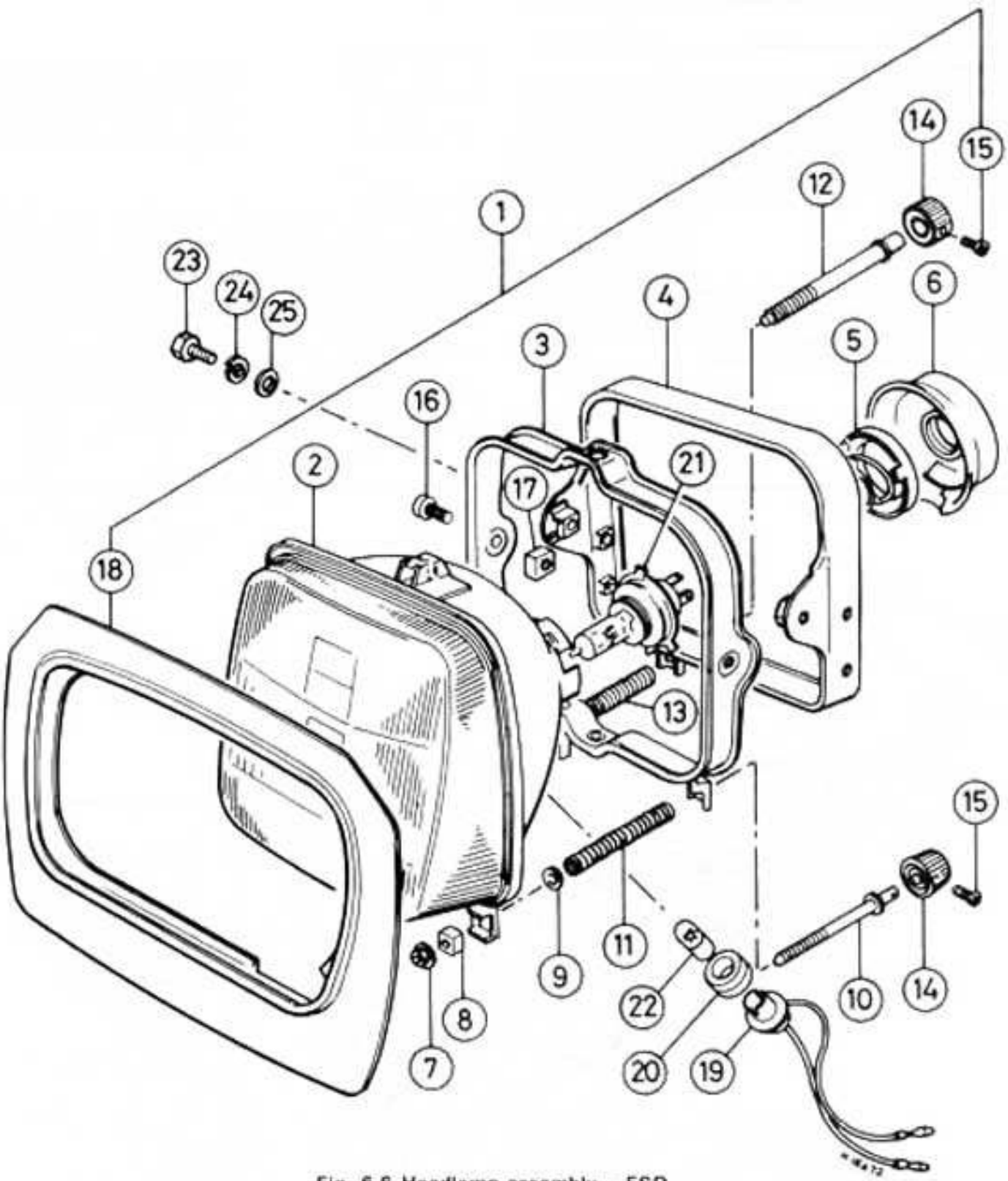
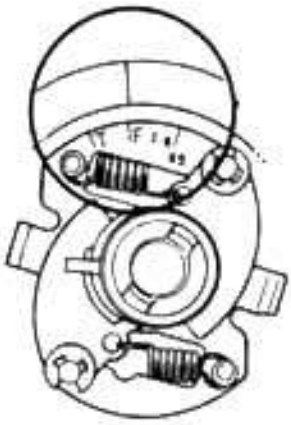
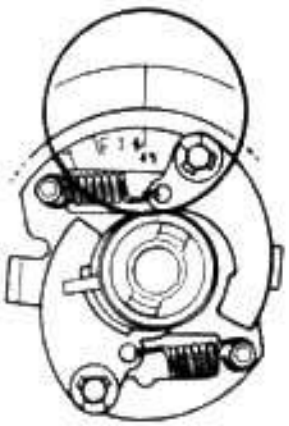


Fig. 6.6 Headlamp assembly - ESD

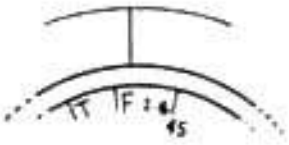
1 *Headlamp assembly*
2 *Reflector unit*
3 *Mounting bracket*
4 *Housing*
5 *Retaining ring*
6 *Dust cover*
7 *Nut*
8 *Nut*
9 *Washer*
10 *Horizontal adjustment screw*
11 *Spring*
12 *Vertical adjustment screw*
13 *Spring*
14 *Adjusting knob – 2 off*
15 *Screw – 2 off*
16 *Screw – 2 off*
17 *Nut – 2 off*
18 *Rim*
19 *Parking lamp bulbholder*
20 *Grommet*
21 *Headlamp bulb*
22 *Parking lamp bulb*
23 *Bolt – 2 off*
24 *Spring washer - 2*
25 *Washer – 2 off*

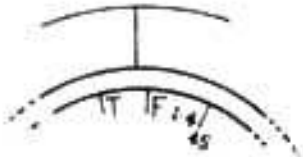


Ignition timing mark – below 1500 rpm

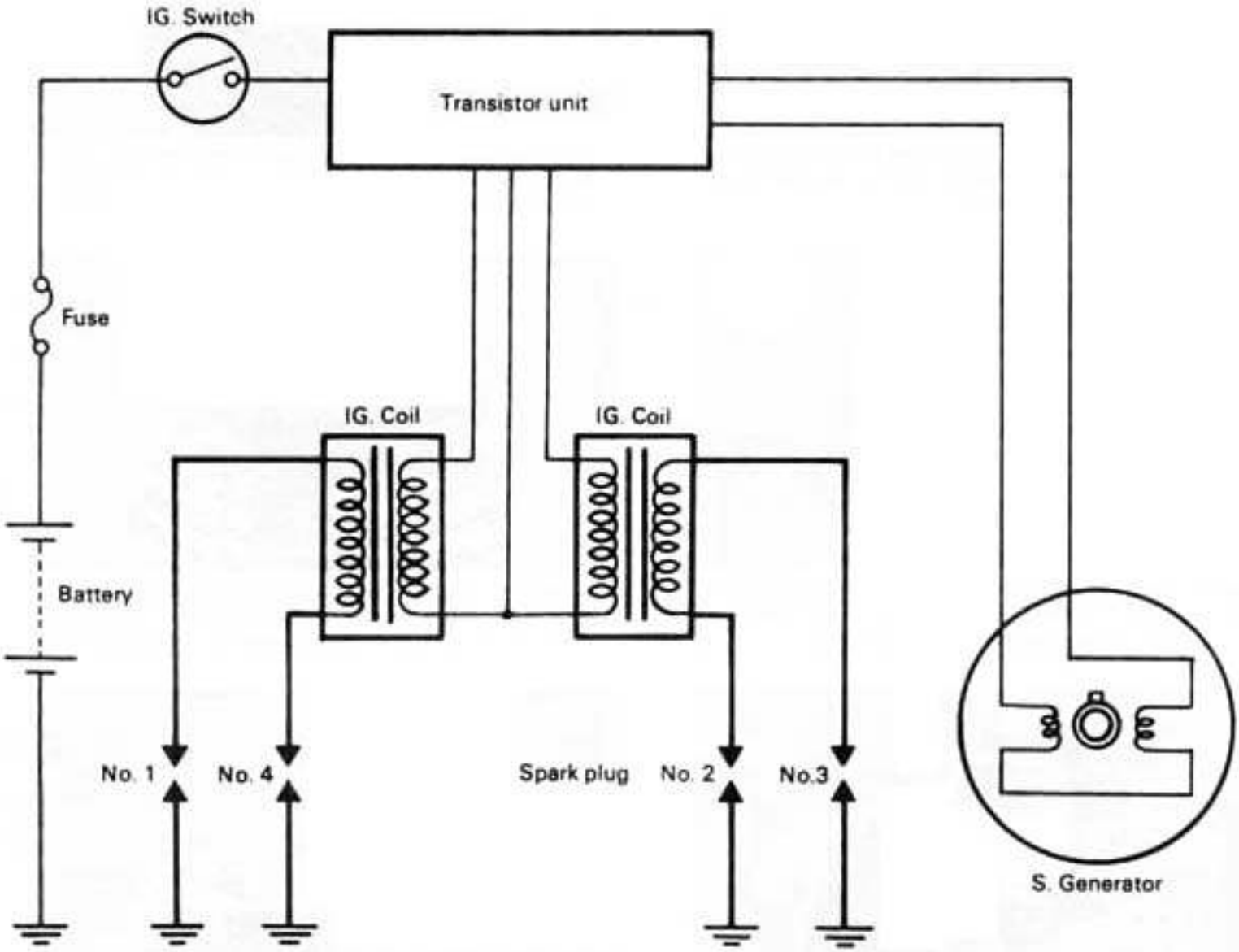


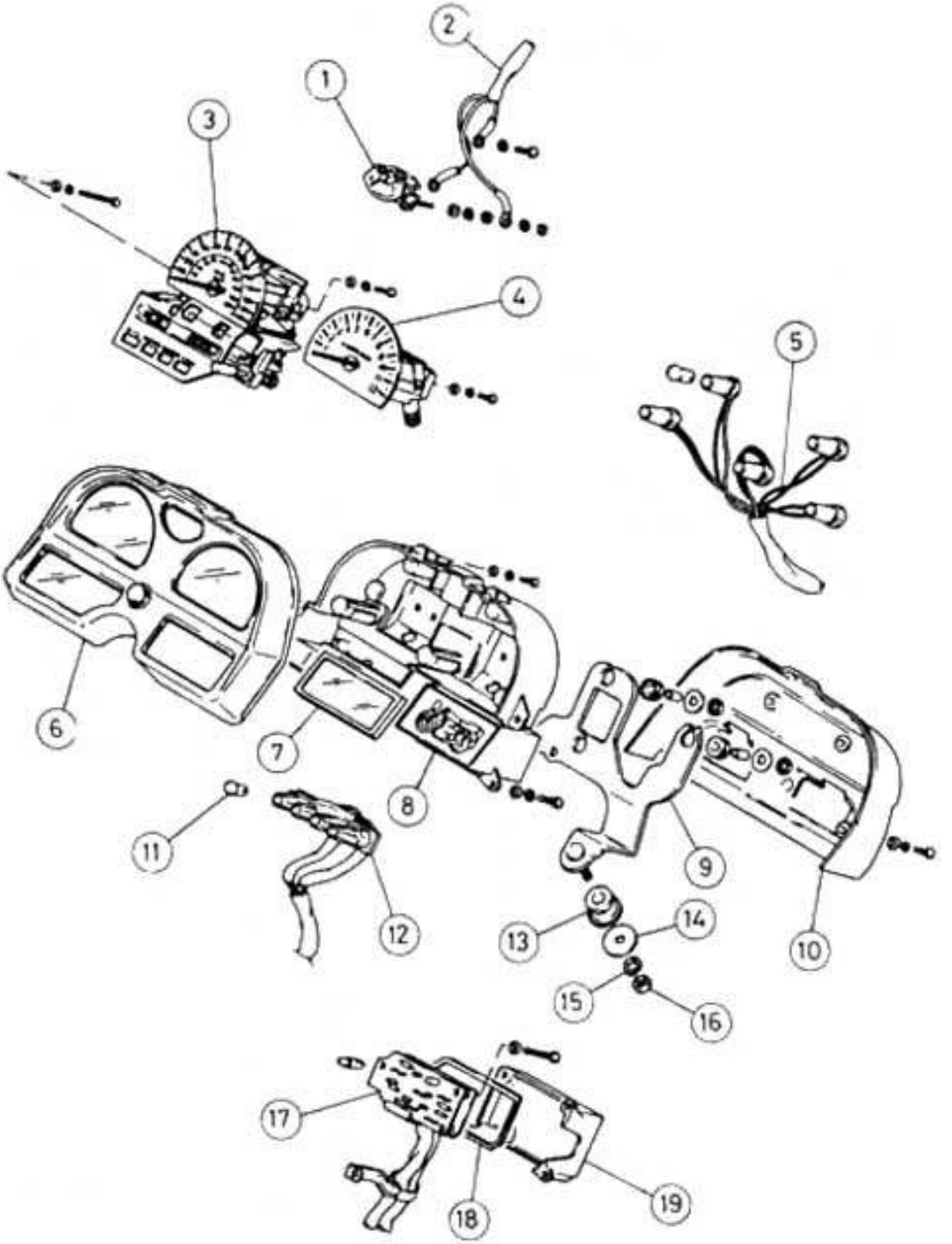
Ignition timing mark – above 2300 rpm



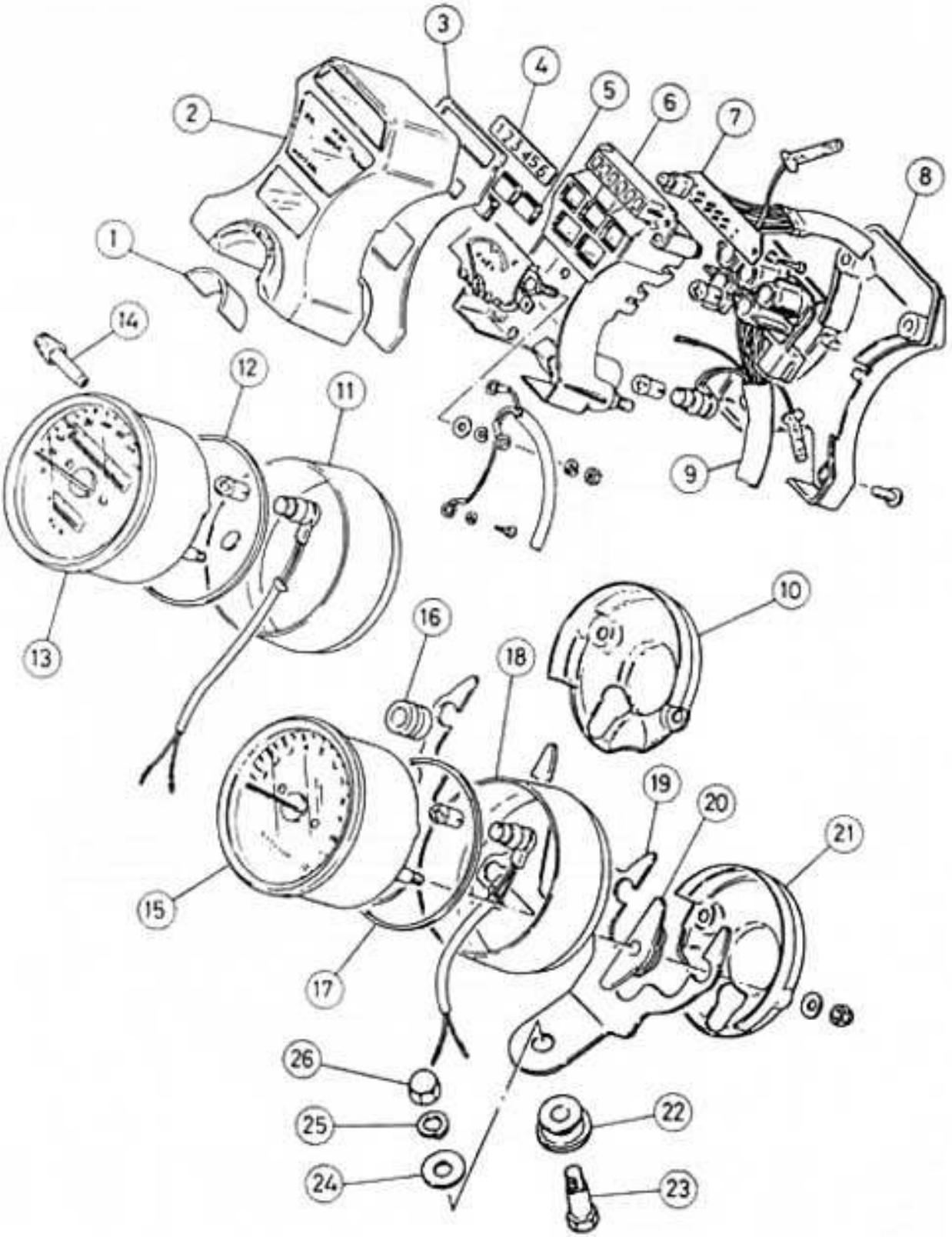


Incorrect ignition timing and corrective action

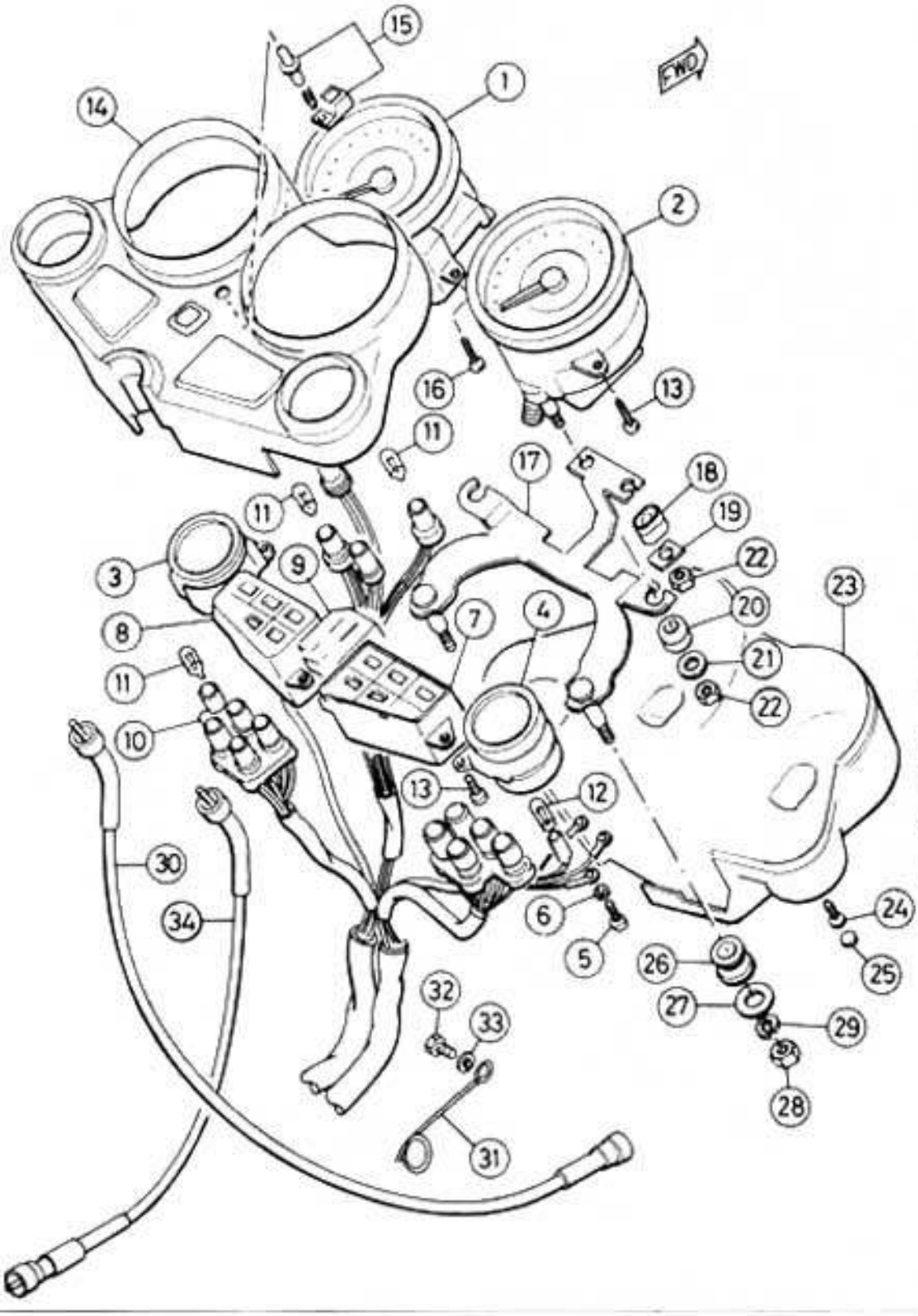




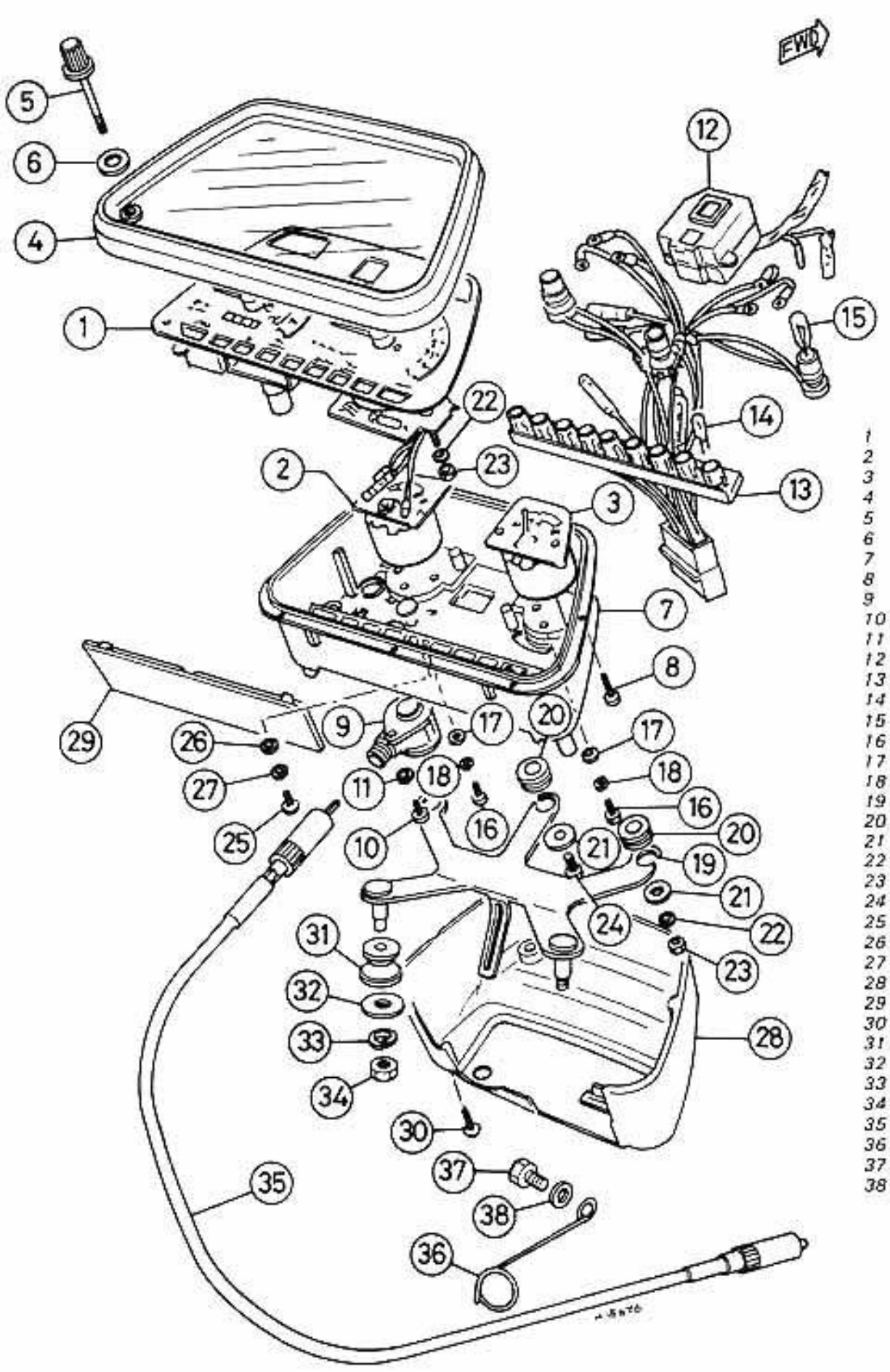
1 Fuel gauge
2 Fuel gauge wiring
3 Speedometer
4 Tachometer
5 Instrument panel wiring
6 Top cover
7 Check panel lens
8 Instrument panel housing
9 Mounting bracket
10 Bottom cover
11 Bulb – 4 off
12 Bulbholder wiring
13 Grommet – 2 off
14 Washer – 2 off
15 Spring washer – 2 off
16 Nut – 2 off
17 Check panel
18 Sealing ring
19 Check panel housing



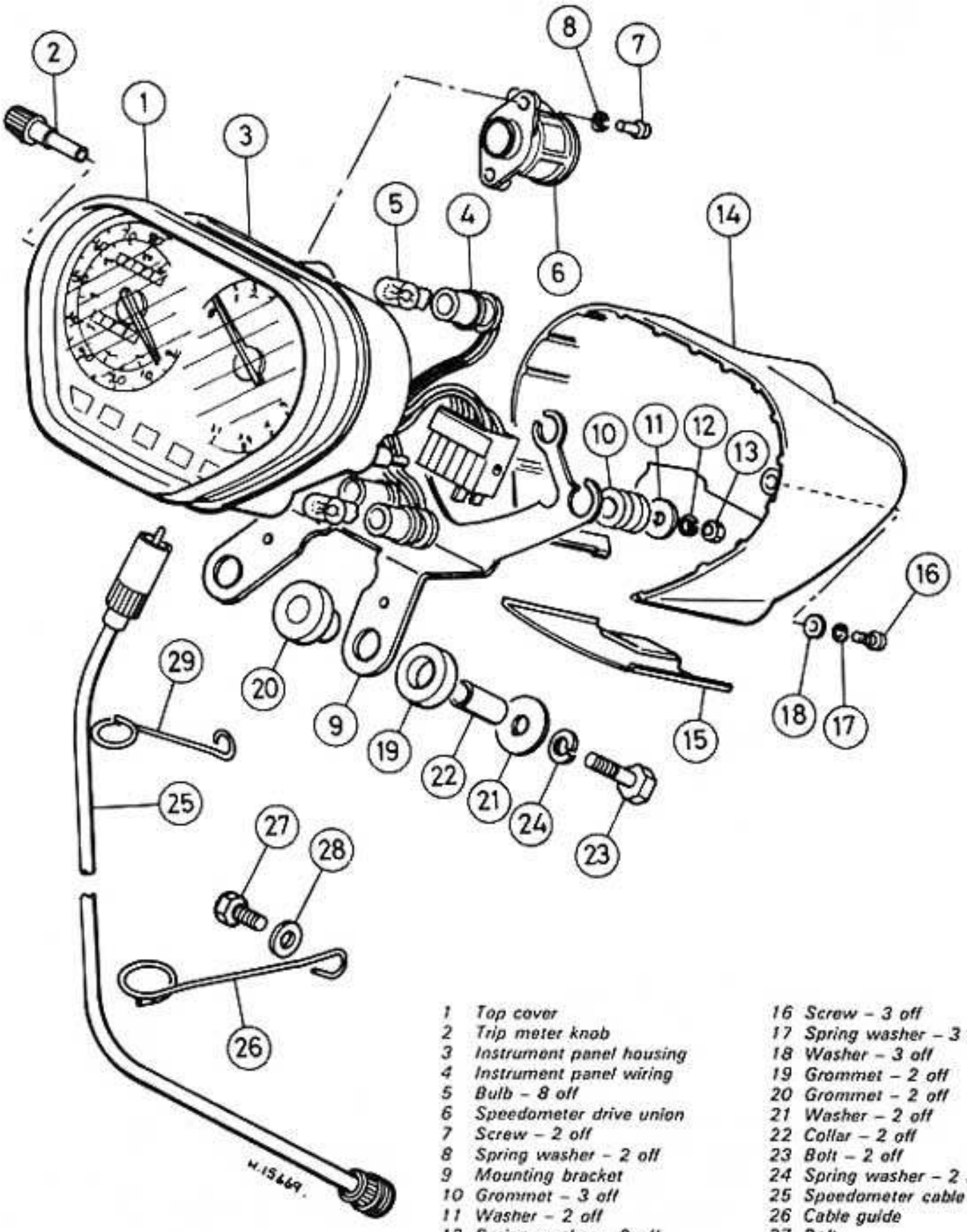
1 Damping rubber
2 Top cover
3 Gasket
4 Gear position indicator
5 Warning lamps
6 Instrument panel housing
7 Gear position indicator wiring
8 Bottom cover
9 Instrument panel wiring
10 Speedometer lower cover
11 Speedometer housing
12 Sealing ring
13 Speedometer
14 Trip meter knob
15 Tachometer
16 Grommet
17 Sealing ring
18 Tachometer housing
19 Mounting bracket
20 Damping rubber
21 Tachometer lower cover
22 Grommet
23 Bolt – 2 off
24 Washer – 2 off
25 Spring washer – 2 off
26 Nut – 2 off



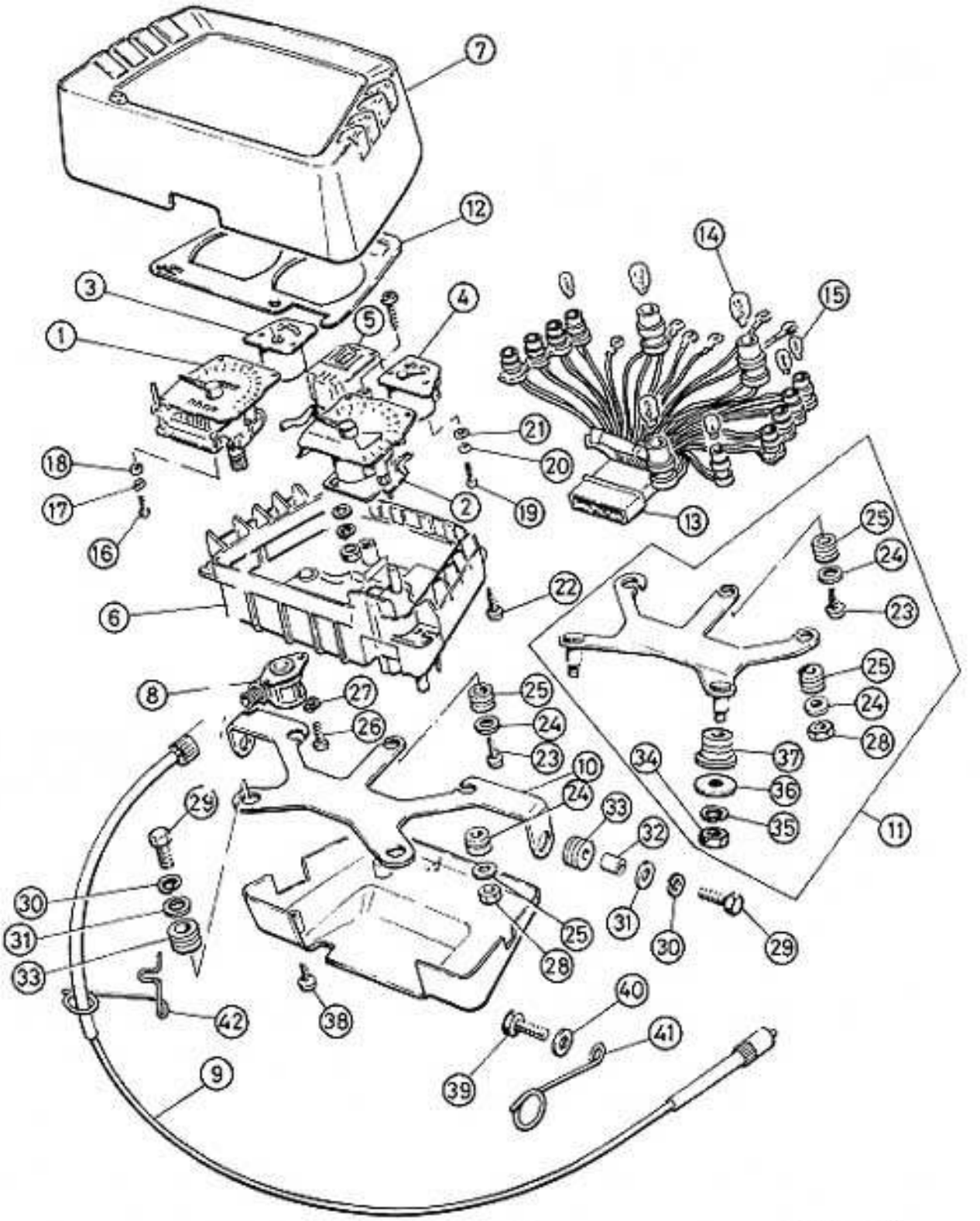
1 Speedometer
2 Tachometer
3 Fuel gauge
4 Oil temperature gauge
5 Screw – 6 off
6 Washer – 6 off
7 Right-hand warning lamp housing
8 Left-hand warning lamp housing
9 Gear position indicator
10 Bulbholder wiring
11 Bulb – 14 off
12 Bulb – 2 off
13 Screw – 8 off
14 Top cover
15 Trip meter knob
16 Screw
17 Mounting bracket
18 Grommet – 2 off
19 Washer – 2 off
20 Grommet – 2 off
21 Washer – 2 off
22 Nut – 4 off
23 Bottom cover
24 Screw – 4 off
25 Cap – 4 off
26 Grommet – 2 off
27 Washer – 2 off
28 Nut – 2 off
29 Spring washer – 2 off
30 Speedometer cable
31 Cable guide
32 Bolt
33 Washer
34 Tachometer cable



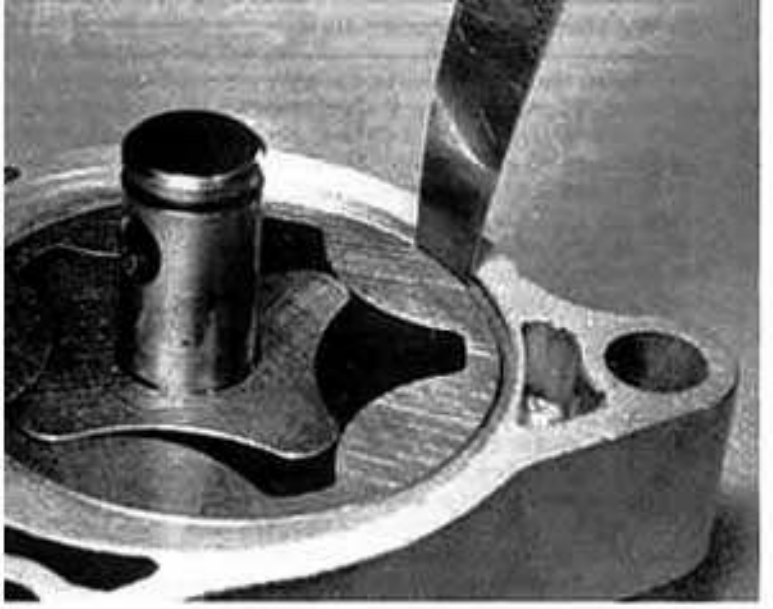
1 Instrument panel
2 Fuel gauge
3 Oil temperature gauge
4 Top cover
5 Trip meter knob
6 Sealing washer
7 Instrument panel housing
8 Screw
9 Speedometer drive union
10 Screw
11 Spring washer
12 Gear position indicator
13 Instrument panel wiring
14 Bulb
15 Bulb
16 Screw
17 Washer
18 Spring washer
19 Mounting bracket
20 Grommet
21 Washer
22 Washer
23 Nut
24 Screw
25 Screw
26 Washer
27 Spring washer
28 Bottom cover
29 Plate
30 Screw
31 Grommet – 2 off
32 Washer – 2 off
33 Spring washer – 2 off
34 Nut – 2 off
35 Speedometer cable
36 Cable guide
37 Bolt
38 Washer



1 Top cover
2 Trip meter knob
3 Instrument panel housing
4 Instrument panel wiring
5 Bulb – 8 off
6 Speedometer drive union
7 Screw – 2 off
8 Spring washer – 2 off
9 Mounting bracket
10 Grommet – 3 off
11 Washer – 2 off
12 Spring washer – 2 off
13 Nut – 2 off
14 Bottom cover
15 Plate
16 Screw – 3 off
17 Spring washer – 3 off
18 Washer – 3 off
19 Grommet – 2 off
20 Grommet – 2 off
21 Washer – 2 off
22 Collar – 2 off
23 Bolt – 2 off
24 Spring washer – 2 off
25 Speedometer cable
26 Cable guide
27 Bolt
28 Washer
29 Cable guide

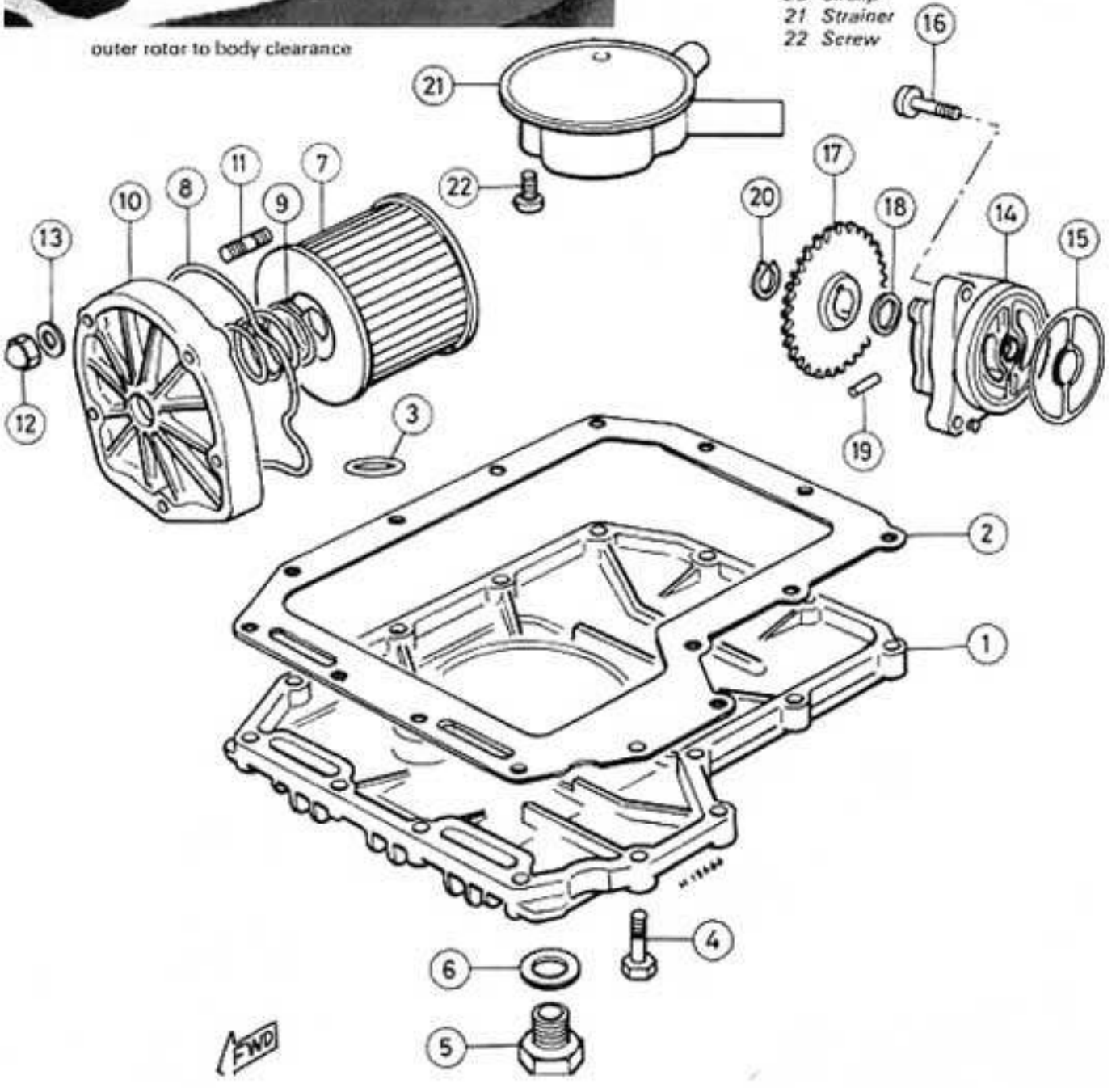


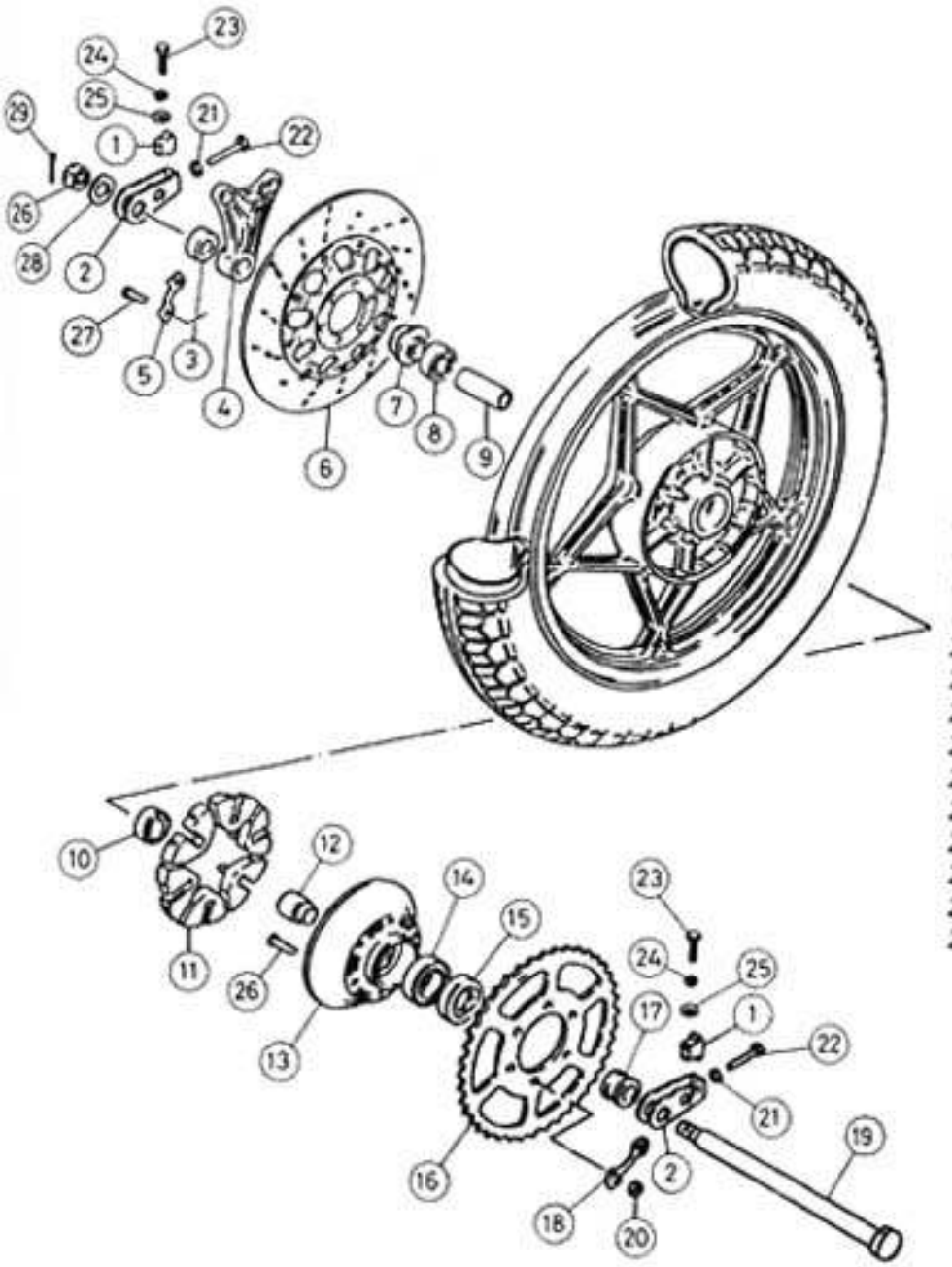
1 Speedometer
2 Tachometer
3 Fuel gauge
4 Oil temperature gauge
5 Gear position indicator
6 Panel housing
7 Top cover
8 Speedometer gearbox
9 Speedometer cable
10 Mounting bracket - E model
11 Mounting bracket - ES and EF models
12 Instrument panel
13 Wiring
14 Bulb
15 Bulb
16 Screw - 2 off
17 Spring washer - 2 off
18 Washer - 2 off
19 Screw - 6 off
20 Spring washer - 6 off
21 Washer - 6 off
22 Screw - 4 off
23 Screw
24 Washer - 3 off
25 Grommet - 3 off
26 Screw - 2 off
27 Spring washer - 2 off
28 Nut - 2 off
29 Bolt - 4 off
30 Spring washer - 4 off
31 Washer - 4 off
32 Spacer - 4 off
33 Grommet - 4 off
34 Nut - 2 off
35 Spring washer - 2 off
36 Washer - 2 off
37 Grommet - 2 off
38 Screw - 4 off
39 Bolt
40 Cable guide - E model
41 Cable guide - ES and EF models



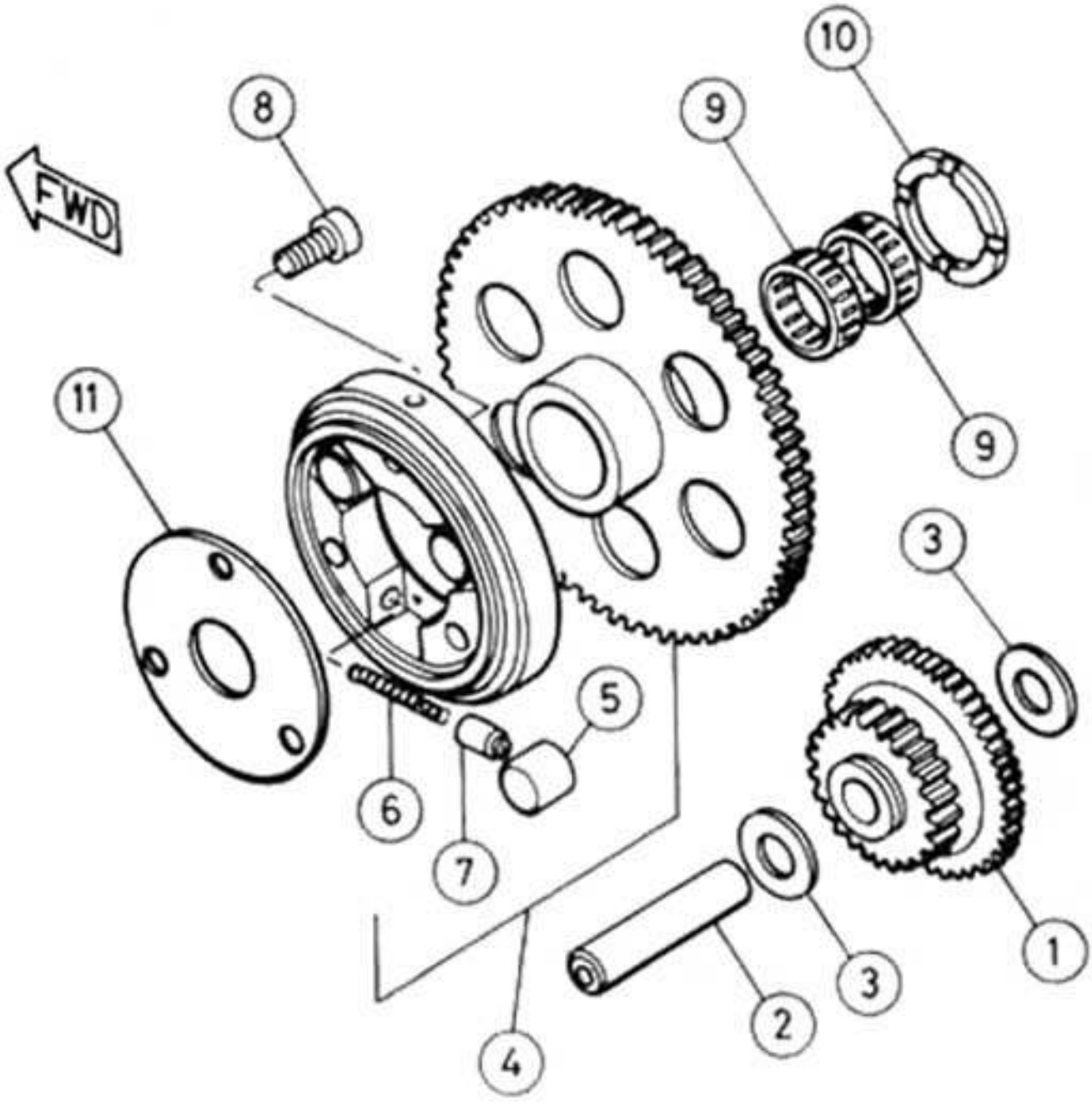
outer rotor to body clearance

1 Sump
2 Sump gasket
3 O-ring
4 Bolt
5 Drain plug
6 Sealing washer
7 Oil filter
8 O-ring
9 Spring
10 Filter cover
11 Stud
12 Domed nut
13 Washer
14 Oil pump
15 O-ring
16 Screw (bolt, later models)
17 Driven gear
18 Washer
19 Drive pin
20 Circlip
21 Strainer
22 Screw

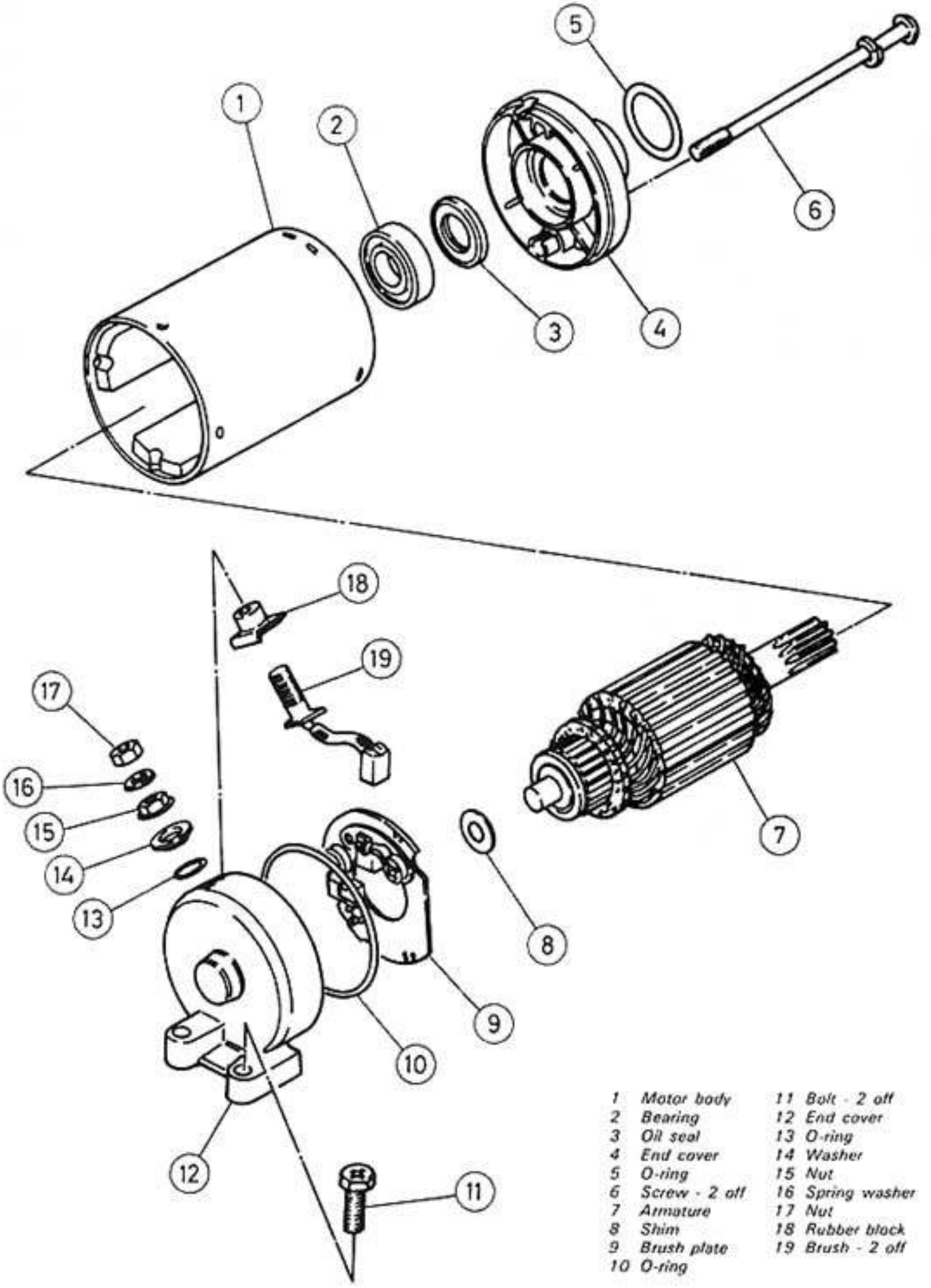




1 Chain adjuster bracket stop - 2 off
2 Chain adjuster bracket - 2 off
3 Spacer
4 Brake caliper mounting bracket
5 Tab washer - 3 off
6 Brake disc
7 Right-hand headed spacer
8 Right-hand bearing
9 Spacer
10 Left-hand bearing
11 Cush drive rubbers
12 Spacer
13 Cush drive hub
14 Cush drive hub bearing
15 Oil seal
16 Drive sprocket
17 Left-hand spacer
18 Tab washer - 3 off
19 Wheel spindle
20 Nut - 6 off
21 Locknut - 2 off
22 Adjusting bolt - 2 off
23 Bolt - 2 off
24 Spring washer - 2 off
25 Washer - 2 off
26 Nut
27 Bolt - 6 off
28 Washer
29 Split pin



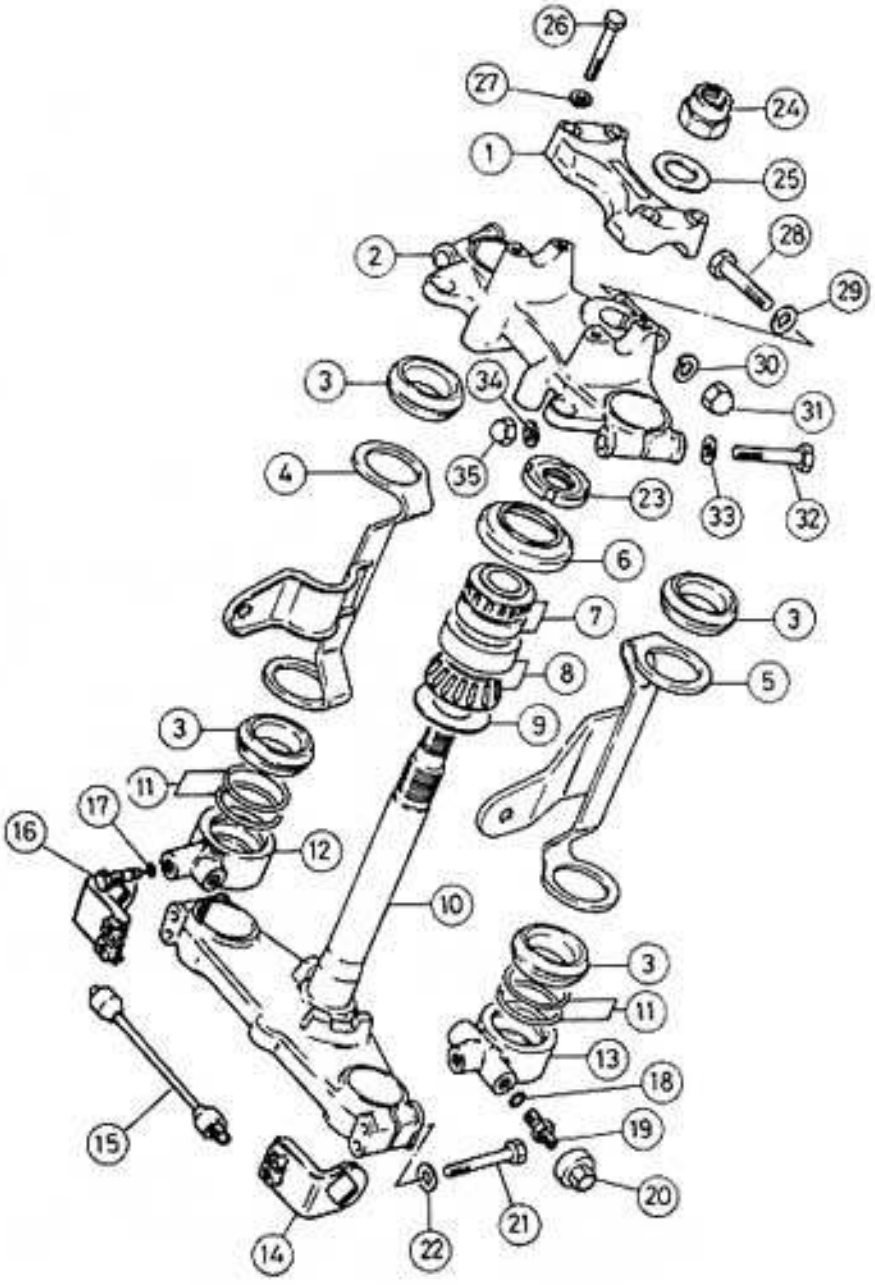
1 *Starter idler pinion*
2 *Pinion shaft*
3 *Thrust washer – 2 off*
4 *Starter clutch assembly*
5 *Roller – 3 off*
6 *Spring – 3 off*
7 *Plunger – 3 off*
8 *Allen bolt – 3 off*
9 *Needle roller bearing – 2 off*
10 *Slotted thrust washer*
11 *Backing plate*

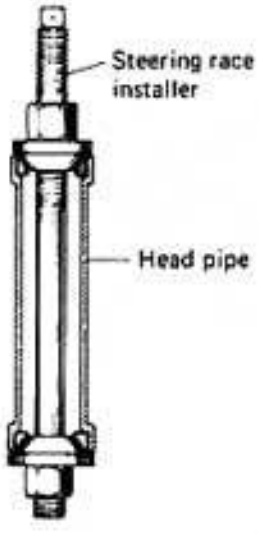


1	Motor body	11	Bolt - 2 off
2	Bearing	12	End cover
3	Oil seal	13	O-ring
4	End cover	14	Washer
5	O-ring	15	Nut
6	Screw - 2 off	16	Spring washer
7	Armature	17	Nut
8	Shim	18	Rubber block
9	Brush plate	19	Brush - 2 off
10	O-ring		

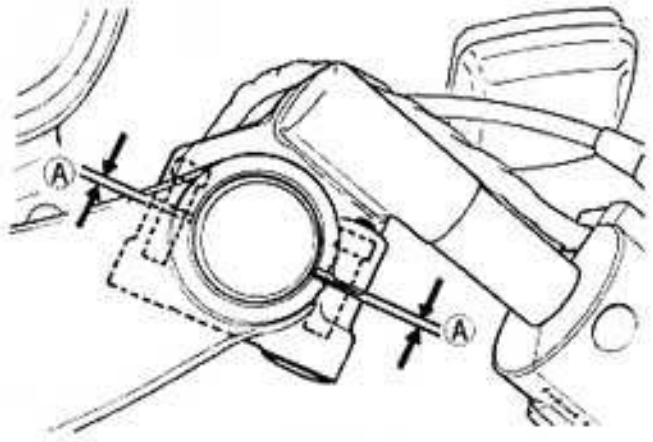
Fig. 4.8 Steering head assembly – typical

1 Handlebar clamp
2 Upper yoke
3 Damping ring - 4 off
4 Right-hand headlamp bracket
5 Left-hand headlamp bracket
6 Dust cover
7 Upper bearing race
8 Lower bearing race
9 Washer
10 Lower yoke
11 O-ring - 4 off
12 Right-hand air valve union
13 Left-hand air valve union
14 Turn signal brackets
15 Air pressure pipe
16 Bolt
17 O-ring
18 O-ring
19 Air valve
20 Dust cap
21 Pinch bolt - 4 off
22 Washer - 4 off
23 Steering stem adjuster nut
24 Steering stem nut
25 Washer
26 Bolt - 4 off
27 Spring washer - 4 off
28 Pinch bolt
29 Washer
30 Spring washer
31 Nut
32 Pinch bolt - 2 off
33 Washer - 2 off
34 Spring washer - 2 off
35 Nut - 2 off



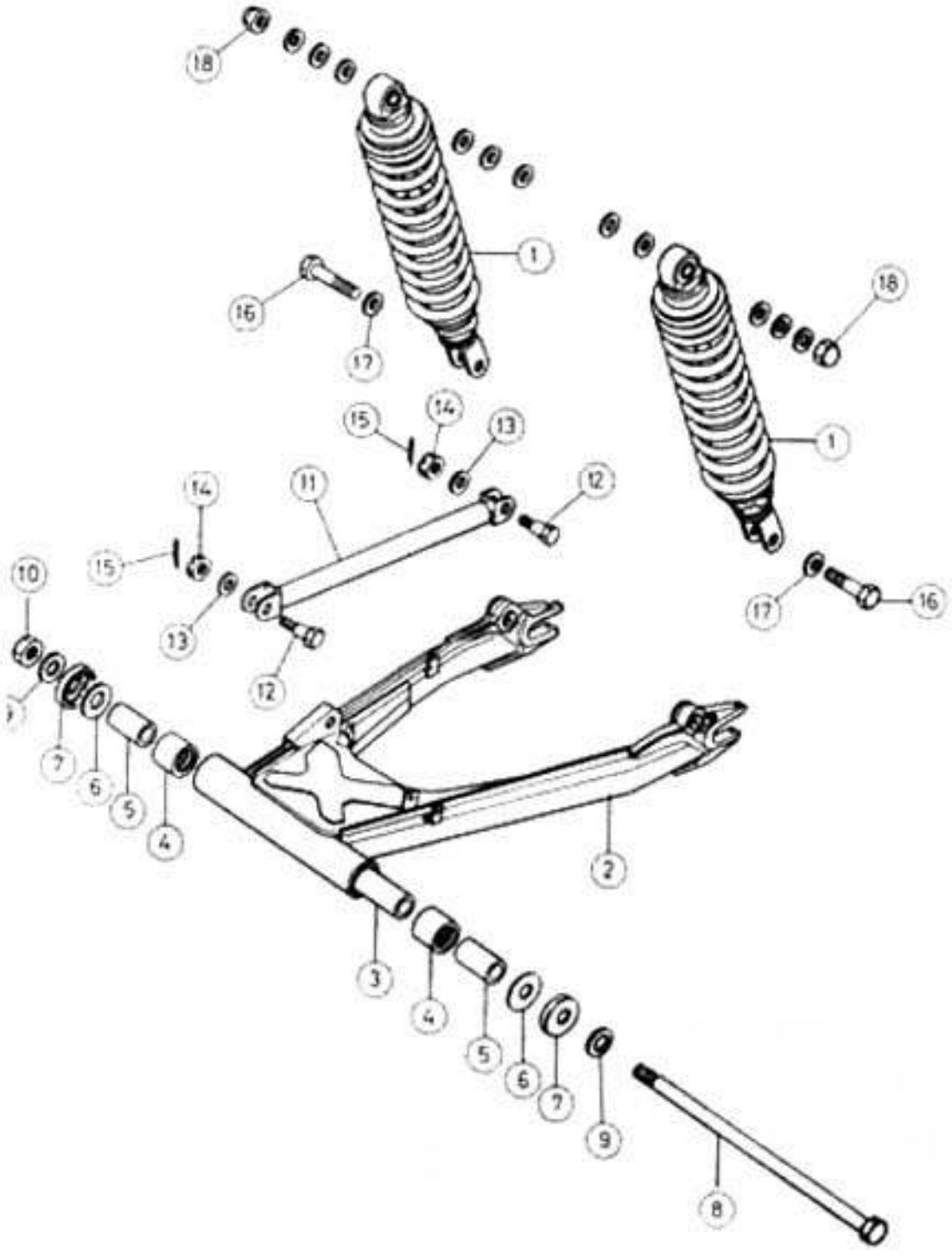


Using drawbolt arrangement to fit steering head bearings

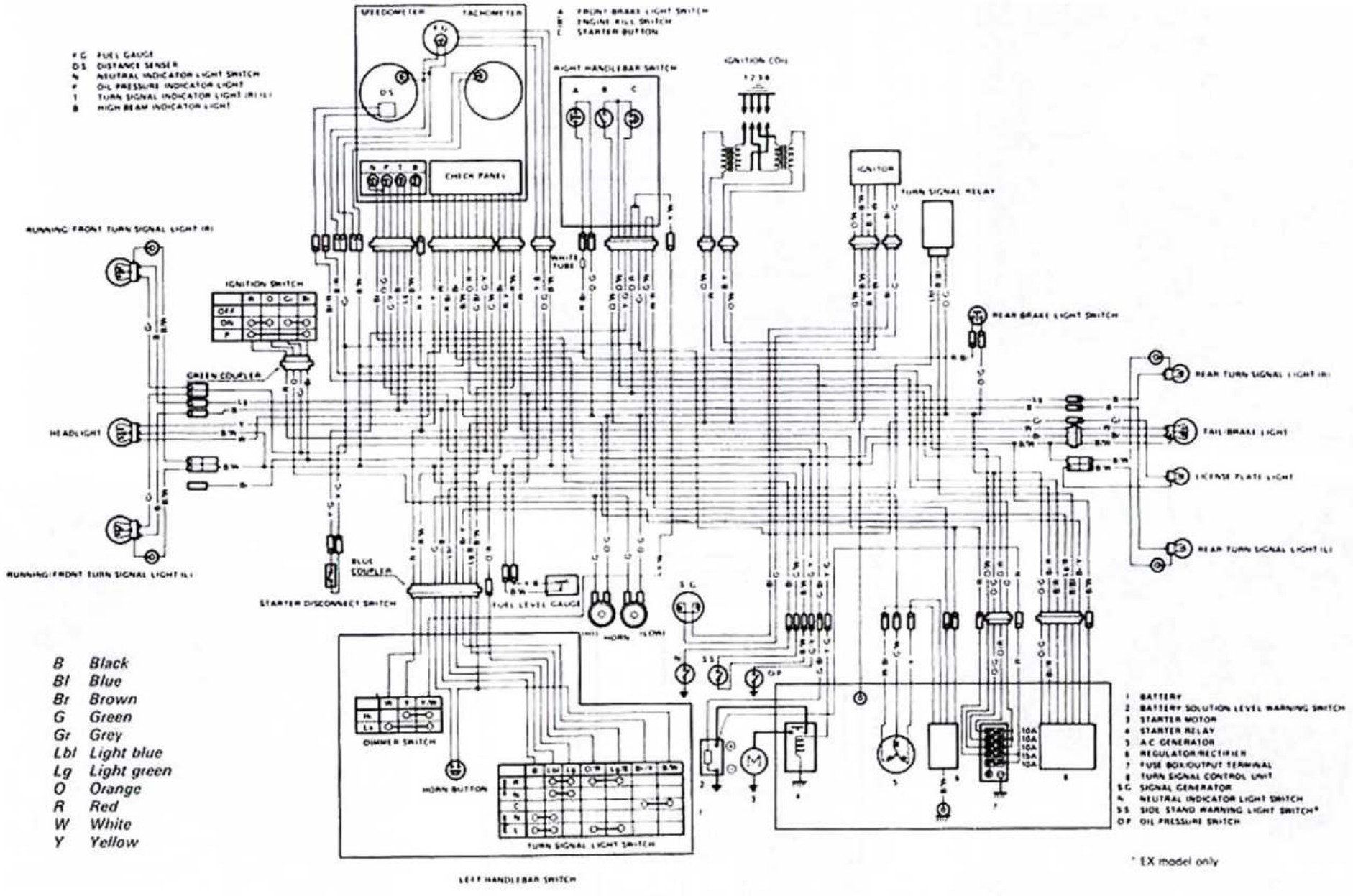


Fitting the handlebar sections – Katana models

Note that gaps (A) must be equal



1	Rear suspension unit- 2 off	10	Nut
2	Swinging arm	11	Torque arm
3	Spacer	12	Bolt - 2 off
4	Bearing outer race - 2 off	13	Washer - 2 off
5	Bearing inner race - 2 off	14	Nut - 2 off
6	Shim - 2 off	15	Split pin - 2 off
7	Dust cover - 2 off	16	Bolt - 2 off
8	Pivot shaft	17	Washer - 2 off
9	Washer - 2 off	18	Nut - 2 off


F.G FUEL GAUGE
DS DISTANCE SENSER
N NEUTRAL INDICATOR LIGHT SWITCH
P OIL PRESSURE INDICATOR LIGHT
T TURN SIGNAL INDICATOR LIGHT (R) (L)
H HIGH BEAM INDICATOR LIGHT
A FRONT BRAKE LIGHT SWITCH
B ENGINE KILL SWITCH
C STARTER BUTTON
SPEEDOMETER
TACHOMETER
CHECK PANEL
RIGHT HANDLEBAR SWITCH
IGNITION COIL
IGNITOR
TURN SIGNAL RELAY
REAR BRAKE LIGHT SWITCH
REAR TURN SIGNAL LIGHT (R)
TAIL/BRAKE LIGHT
LICENSE PLATE LIGHT
REAR TURN SIGNAL LIGHT (L)
RUNNING/FRONT TURN SIGNAL LIGHT (R)
IGNITION SWITCH
GREEN COUPLER
HEADLIGHT
RUNNING/FRONT TURN SIGNAL LIGHT (L)
BLUE COUPLER
STARTER DISCONNECT SWITCH
FUEL LEVEL GAUGE
HORN
WHITE TUBE
DIMMER SWITCH
HORN BUTTON
TURN SIGNAL LIGHT SWITCH
LEFT HANDLEBAR SWITCH
B Black
Bl Blue
Br Brown
G Green
Gr Grey
Lbl Light blue
Lg Light green
O Orange
R Red
W White
Y Yellow
1 BATTERY
2 BATTERY SOLUTION LEVEL WARNING SWITCH
3 STARTER MOTOR
4 STARTER RELAY
5 A.C. GENERATOR
6 REGULATOR/RECTIFIER
7 FUSE BOX/OUTPUT TERMINAL
8 TURN SIGNAL CONTROL UNIT
SG SIGNAL GENERATOR
N NEUTRAL INDICATOR LIGHT SWITCH
SS SIDE STAND WARNING LIGHT SWITCH*
OP OIL PRESSURE SWITCH
10A
10A
10A
15A
10A
* EX model only