



**750**  
*Ambassador*

**spare parts catalogue**



SHELL X100 MOTOR OIL



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**SEIMM**

SOCIETÀ ESERCIZIO INDUSTRIE MOTOMECCANICHE S.p.A.

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**MOTO GUZZI**

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SPARE PARTS CATALOGUE

JAN 1970 - I<sup>a</sup> EDITION



## CONDITIONS OF SALE

- SALES — All spare parts supplies are subject to goods availability at the time the order is received.
- PRICES — All prices appearing in the official price list are net ex-factory prices. Any tax or charge inherent to the buying and selling transaction shall be entirely on the buyers.
- DELIVERY AND SHIPMENT — Moto Guzzi shall not be held liable for any delayed delivery. Any indicated time is only informative and not binding. All goods travel at buyers' risk, including C.O.D. deliveries.
- DISTRIBUTORS — Any order obtained by the Distributor shall not be binding on Moto Guzzi who reserves the right to decide its execution or not.
- CLAIMS — Any claim for parts received in a damaged condition, not corresponding to the order, or short supplied is to be made within 8 days from the receipt of such parts.
- LIABILITY — Moto Guzzi shall not be held responsible for any damages to persons or property arising out from the use of its products, even if such damages be caused by structural or machining defects of the material supplied.

## HOW TO ORDER

All orders should contain the following information:

- Transport means required
- Engine number of machine
- Description of part and part number
- Quantity.

**All original Moto Guzzi parts are stamped with the registered trade mark and may be obtained from the general distributors or the officially appointed Moto Guzzi dealers.**



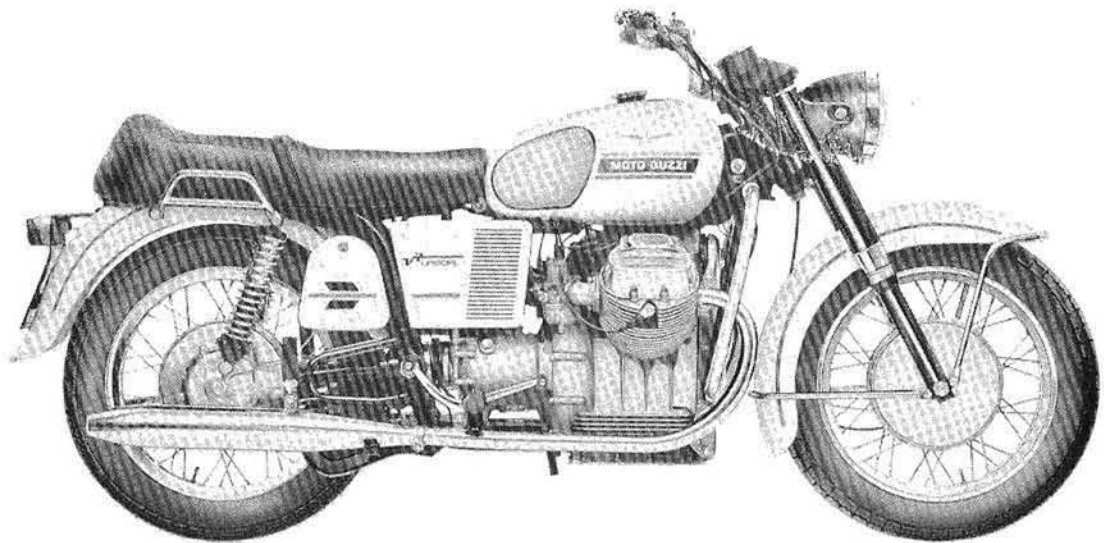


Fig. 1 - Right view

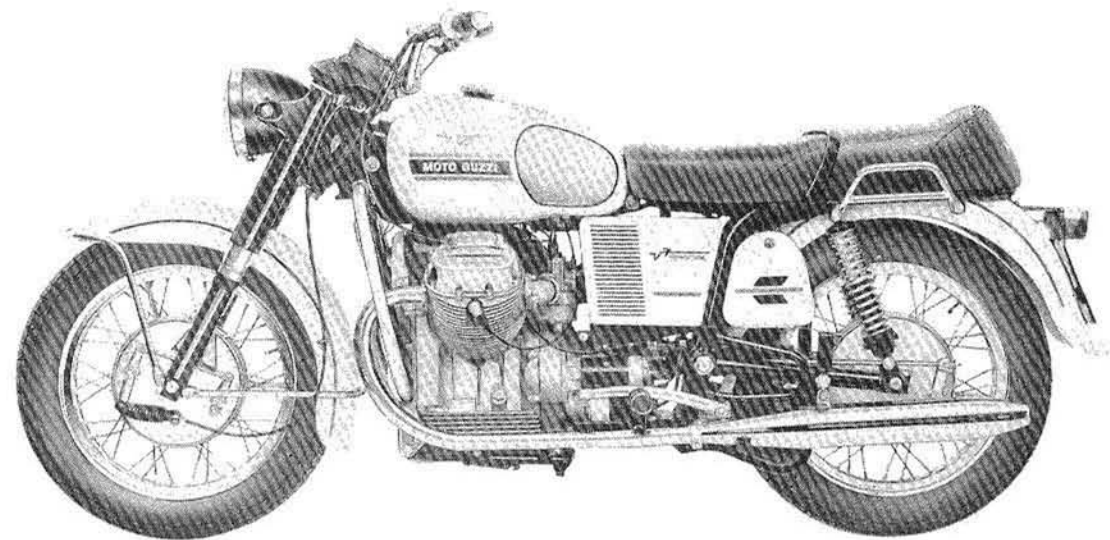


Fig. 2 - Left view

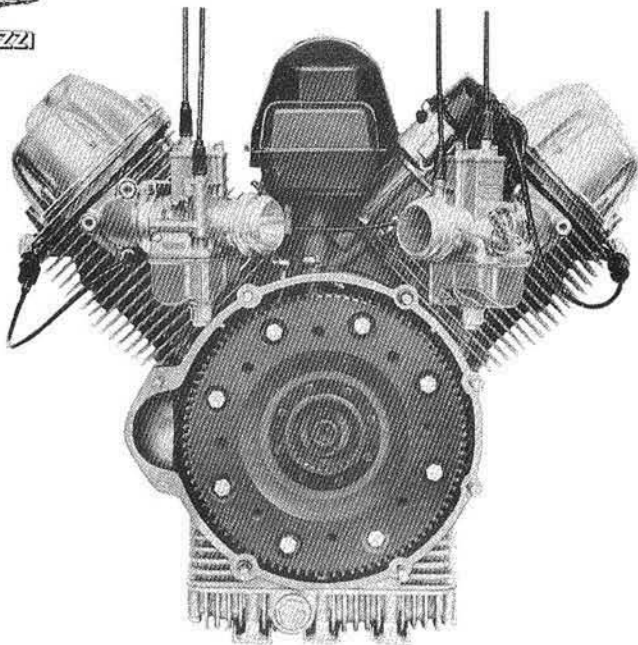


Fig. 3 - Engine

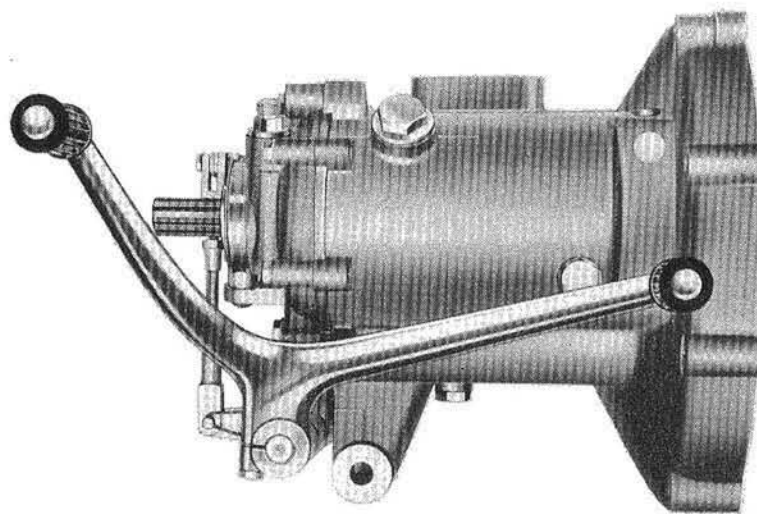
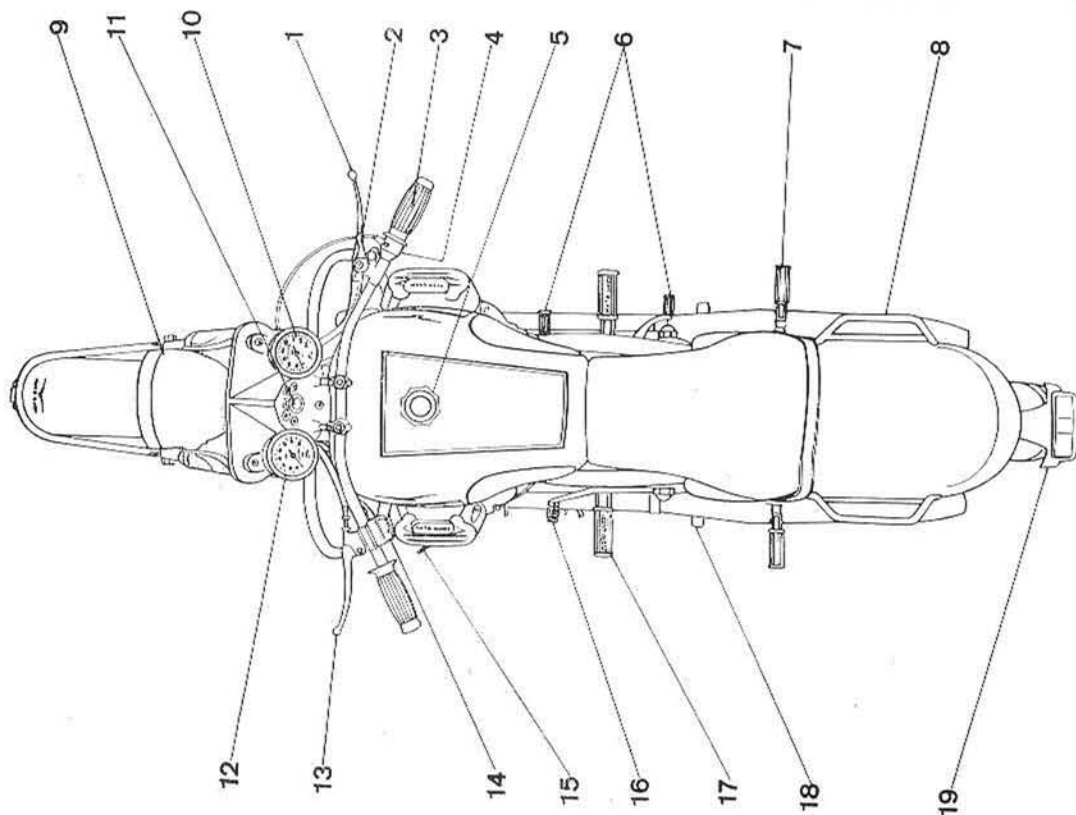


Fig. 4 - Gearbox



#### CONTROLS AND ACCESSORIES

1. Front brake lever
2. Air control lever
3. Throttle control grip
4. Starter button
5. Filler cap
6. Gearshift lever
7. Pillion footrests
8. Pillion handgrip
9. Headlight
10. Speedometer
11. Ignition key
12. Rev-counter
13. Clutch lever
14. Light switch and horn button
15. Side stand
16. Rear brake pedal
17. Footrests
18. Center stand
19. Tail light

The machine can also be supplied with gearshift lever on the left and rear brake pedal on the right.

N.B. - The terms « right » and « left » in the text are used in the sense they would appear to one sitting in the saddle.

## MAIN FEATURES

### ENGINE

Cycle	: 4 strokes
Number of cylinders:	2
Cylinder disposition:	« V » 90°
Bore	: 83 mm. (3.26")
Stroke	: 70 mm. (2.75")
Displacement	: 757.486 cc. (46.21 cu.in.)
Compression ratio	: 9 to 1
Revs at maximum engine speed	: 6500 r.p.m.
Output at maximum engine speed	: 60 HP SAE
Crankcase	: in light alloy
Cylinders	: in light alloy with hard chromed barrels
Cylinder heads	: in light alloy, hemispherical, with special cast iron inserted seats
Crankshaft	: steel construction
Crankshaft supports:	in anti-friction material pressed in 2 suitable housings (as used in all F1 race cars)
Connecting rods	: steel construction with AL-TIN alloy thin wall bearings
Pistons	: in light alloy.

### Valve gear

O.H.V., push rod operated via the camshaft in the crankcase and gear driven by the crankshaft.

Inlet:

- opens 24° before TDC
- closes 58° after BCD

Exhaust:

- opens 58° after BDC
- closes 22° after TDC

Rocker clearance for valve timing:

- 0.5 mm. (.0196")

Normal rocker clearance (cold engine)

- inlet 0.15 mm. (.0059")
- exhaust 0.25 mm. (.0098")

### Carburation

2 Dell'Orto carburetors type VHB 29 CD (right) and VHB 29 CS (left) both gravity fed from the tank.

#### Standard carburetor setting

— Choke	: 29 mm.
— Throttle slide	: 60
— Atomizer	: 265
— Main jet	: 145
— Pilot jet	: 45
— Starter atomizer	: 80

With needle SV9 set at second notch from top: idling screw open 1 and 1/2 turns for the left carburetor and 1 and 3/4 - 2 turns for the right carburetor.

With needle SV5 third notch from top: idling screw open 1 1/2 to 2 turns for the left carburetor and 2 - 2 1/2 turns for the right carburetor.

Air intake provided with dry filter.

### Lubrication

Pressure, by gear pump driven by the crankshaft. Oil strainer in crankcase.

Normal lubrication pressure 3.8 - 4.2 kgs/sq.cm. (54 to 60 lbs sq.in.) controlled by relief valve.

Electrically controlled oil pressure gauge.

### Cooling

By air. Cylinder and cylinder head deeply finned.

### Ignition

By battery with automatic advance distributor.

Initial advance: 10°.

Automatic advance: 28°.

Ignition timing 38° full advance.

Contact breaker gap: 0.42-0.48 mm. (.016 - .018").

Spark plug: n. 225 in Bosch-Marelli scale or equivalent.

Plugs point gap: 0.6 mm. (023").

Ignition coil.



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# ILLUSTRATED PLATES



PLATE 1 MODEL: V-750 CC AMBASSADOR  
ENGINE

GROUP: Cylinder - Cylinder head - Rocker boxes -  
Rocker ass. y - Valves

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
10	12 02 35 01	Cover, rocker box	2	
11	12 02 37 00	Gasket, rocker box	2	
12	98 62 03 30	Screw, rocker box cover	16	
13	13 02 21 00	Cylinder head, r/h	1	
	13 02 22 00	Cylinder head	1	
14	13 03 66 00	Guide, inlet valve	2	
15	13 03 67 00	Guide, exhaust valve	2	
16	90 35 30 16	Circlip, valve guide	4	
17	12 03 81 00	Semicones, valves	8	
18	13 03 80 00	Top collar, valves	4	
19	13 03 74 00	Spring, outer, valves	4	
20	13 03 76 00	Spring, inner, valves	4	
21	13 03 70 00	Bottom collar	4	
22	13 03 72 00	Washer, bottom collar to cylinder head	4	
23	13 03 60 00	Inlet valve	2	
24	13 03 61 00	Exhaust valve	2	
25	12 03 48 00	Support, rocker arm	2	
26	12 03 02 00	Rocker arm, r/h, c/w bushings	2	
27	12 03 04 00	Rocker arm, l/h, c/w bushings	2	
28	91 11 15 11	Bushing, rocker arm	4	
29	12 03 40 01	Screw, tappet adjusting	4	
30	92 60 25 08	Nut, tappet screw	4	
31	12 03 18 00	Spindle, rocker arm	4	
32	90 11 81 52	Washer, rocker arm	4	
33	94 32 22 15	Spring, rocker arm	4	
34	98 02 43 12	Bolt, rocker spindle	4	
35	95 02 11 06	Washer, rocker spindle bolt	4	
36	13 02 20 01	Gasket, cylinder head	2	
37	13 02 02 00	Cylinder	2	
37/1	13 06 01 00	Cylinder and piston	1	
38	13 02 08 00	Gasket, cylinder base	2	
39	12 02 17 00	Bolt, long, cylinder head	2	
40	90 70 60 90	Seal, cylinder head bolts	12	
41	95 10 03 15	Washer, cylinder head bolts	10	
42	92 75 11 03	Nut, cylinder head bolts	10	
43	12 02 18 00	Bolt, short, cylinder head	4	
44	95 00 42 10	Washer, hold down nut	2	
45	13 02 19 00	Nut, short bolt, pushrod side	2	
46	95 10 07 07	Washer, plug	2	
47	95 98 01 20	Plug, cylinder head	2	
48	98 62 04 35	Screw, intake pipe to cylinder head	2	
49	90 71 60 82	Washer, insulating, intake screw	6	
50	95 10 02 23	Washer, air intake tube	6	
51	12 11 50 02	Air intake tube, r/h	1	
	12 11 50 03	Air intake tube, l/h	1	
52	12 11 55 03	Gasket, air intake, insulating	4	

TAVOLA 1

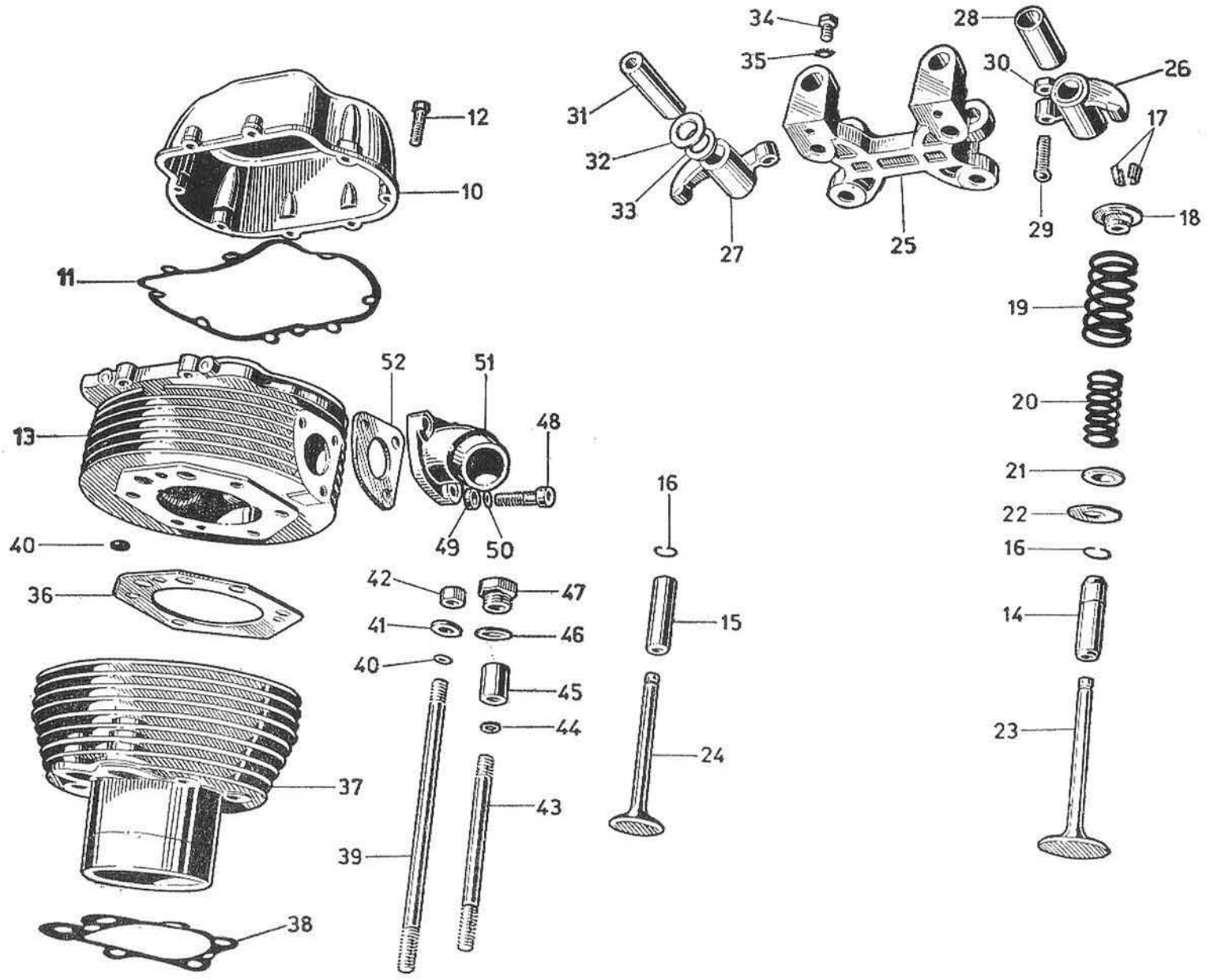


PLATE 2 MODEL: V-750 CC AMBASSADOR  
ENGINE

GROUP: Crankcase and covers

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
10	13 00 07 00	Crankcase	1	
11	96 50 80 66	Bolt, short, gear box fixing	4	
12	96 50 80 75	Bolt, medium, gear box fixing	2	
13	96 50 80 80	Bolt, long, gear box fixing	1	
14	95 10 12 31	Washer, gear box and starter motor fixing bolts	8	
15	92 60 22 08	Nut, gear box fixing bolts	7	
16	12 01 19 00	Flange, c/w journal bearing, timing side	1	
	12 01 19 01	Flange, c/w journal bearing, timing side (u/s .0078")		
	12 01 19 02	Flange, c/w journal bearing, timing side (u/s .015")		
	12 01 19 03	Flange, c/w journal bearing, timing side (u/s .023")		
17	12 01 19 04	Flange, c/w journal bearing, timing side (u/s .031")	14	
	98 05 44 25	Bolt, flange to crankcase and timing cover		
18	12 01 21 00	Lock plate, flange to timing cover nuts	2	
19	12 01 29 00	Lock plate, flange securing nut	1	
20	12 01 14 00	Flange, c/w main bearing, flywheel side	1	
	12 01 14 01	Flange, c/w main bearing, flywheel side (u/s .0078")		
	12 01 14 02	Flange, c/w main bearing, flywheel side (u/s .015")		
	12 01 14 03	Flange, c/w main bearing, flywheel side (u/s .023")		
	12 01 14 04	Flange, c/w main bearing, flywheel side (u/s .031")		
21	90 40 53 68	Seal, on crankshaft, flywheel side	1	Angus 53.68.10
22	12 01 18 00	Gasket, flange, flywheel side	1	
23	12 01 28 00	Lock plate, flywheel side bolt	4	
24	12 00 14 00	Timing cover	1	
25	90 40 38 50	Seal, timing cover	1	Angus 38.50.7
26	98 10 60 28	Screw, short, timing cover	10	
27	98 10 60 43	Screw, long, timing cover	12	
28	95 10 01 30	Washer, timing cover screws, generator belt cover and oil sump	37	
29	12 00 12 00	Gasket, timing cover	1	
30	12 00 16 00	Cover, belt	1	
31	98 10 60 21	Screw, belt cover	3	
32	12 01 89 00	Locating bush	2	
33	98 05 24 75	Bolt, starter motor retaining	1	
34	12 00 35 00	Oil sump	1	
35	12 00 36 00	Gasket, oil sump		
36	12 00 37 01	Plug, oil drain		
37	90 71 41 95	Washer, oil drain and filler plug	2	
38	12 00 49 01	Plug, oil filler	1	
39	12 01 22 00	Pin, main bearing to timing side flange	1	
40	12 01 17 00	Pin, main bearing to flywheel side flange	1	
41	12 01 96 00	Guard plate, oil sump	3	
42	98 05 23 55	Screw, guard plate securing	6	

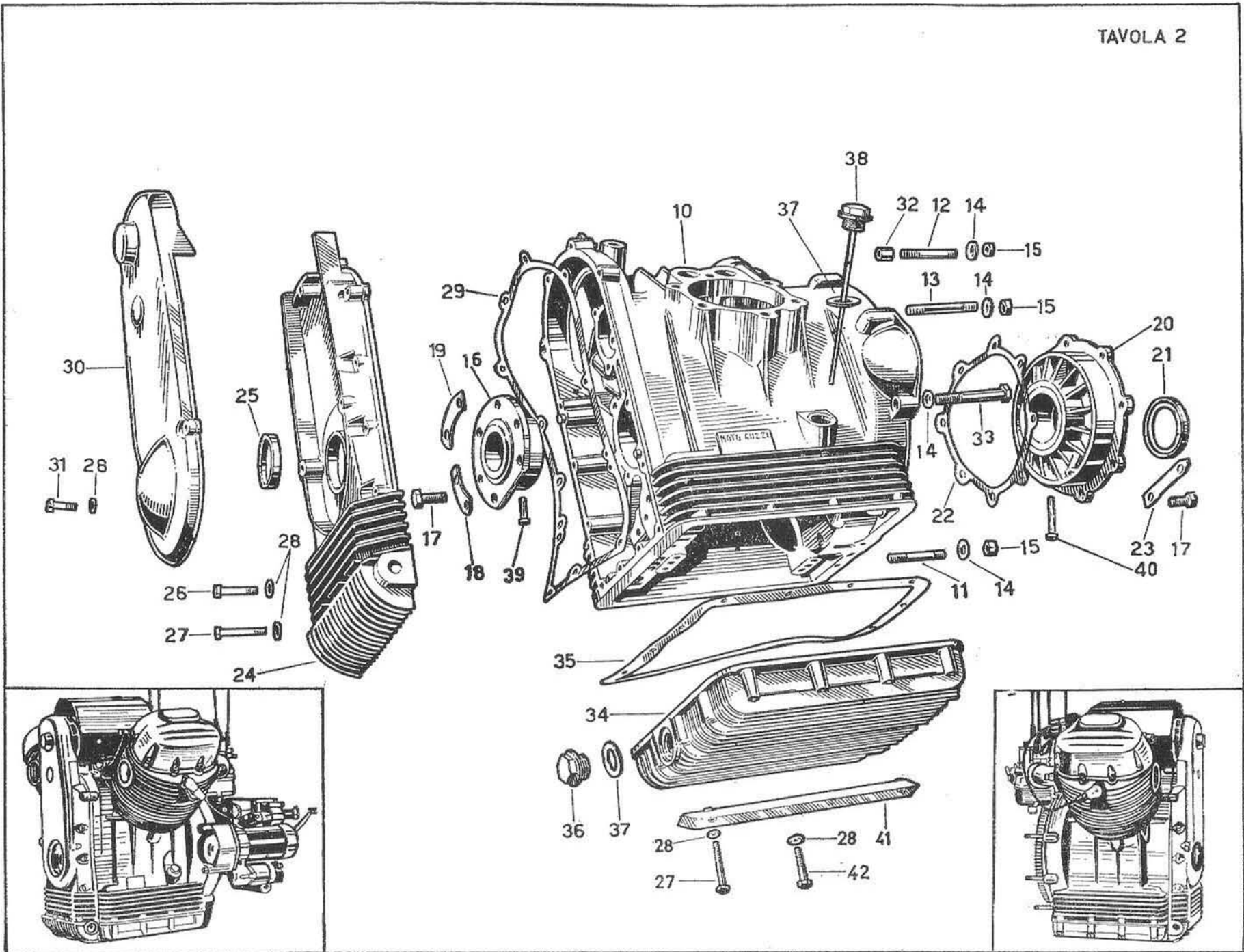




PLATE 3 MODEL: V-750 CC AMBASSADOR  
ENGINE

GROUP: Connecting rods - Crankshaft - Piston -  
Timing gears

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
10	12 06 42 01	Crankshaft	1	
10/1	91 70 23 55	Key, timing gear and pulley	2	
11	12 06 54 00	Plug, crankshaft	1	
12	12 06 15 00	Con-rod, c/w bushing, bolts, nuts and lock-plates	2	
13	91 11 21 24	Bush, small end	2	
14	92 75 00 82	Nut, big end bolts	4	
15	12 06 23 00	Lock plate, big end bolts	4	
16	12 06 22 00	Bolt, big end securing	4	
17	12 06 20 00	Half bearing, big end, standard size	4	
	12 06 20 01	Half bearing, u/s 0.254 mm. (.01")		
	12 06 20 02	Half bearing, u/s 0.508 mm. (.02")		
	12 06 20 03	Half bearing, u/s 0.762 mm. (.03")		
	12 06 20 04	Half bearing, u/s 1.016 mm. (.04")		
18	13 06 04 01	Piston, bare	2	
19	13 06 02 01	Piston, c/w rings, pin and circlip	2	
20	13 06 07 00	Piston ring, compression, top	4	
21	13 06 08 00	Piston ring, compression, center	2	
22	13 06 09 00	Oil scraper	2	
23	13 06 06 00	Oil scraper	2	
24	12 06 12 00	Piston pin	2	
25	90 35 10 37	Circlip	4	
26	13 07 17 00	Gear set, crankshaft, timing and oil pump gears	1	
27	90 70 62 50	Seal, crankshaft gear	1	
28	12 07 40 00	Pulley, generator	1	
29	98 05 43 16	Screw, pulley ass. y securing	3	
30	95 02 11 06	Washer, flange to camshaft and pulley ass. y screw	6	
31	92 70 11 87	Nut, pulley securing screws	2	
32	95 10 06 76	Washer, pulley securing nut	2	
33	12 06 70 00	Flywheel	1	
34	12 06 76 00	Plate, flywheel bolts	3	
35	12 06 77 00	Bolt, flywheel securing	6	
36	12 06 79 00	Ring gear, starter motor	1	
37	95 02 11 08	Washer, ring gear to flywheel	8	
38	98 05 44 25	Bolt, ring gear to flywheel	8	
39	12 05 33 02	Camshaft	1	
40	12 05 40 00	Flange, camshaft	1	
41	98 10 60 21	Screw, flange to camshaft	3	
42	95 51 20 60	Pin, camshaft wheel	1	
43	12 04 58 00	Tappet, standard size	4	
	12 04 58 01	Tappet, o/s 0.05 mm. (.0019")		
	12 04 58 02	Tappet, o/s 0.10 mm. (.0039")		
44	12 04 50 01	Push rod, complete	4	



TAVOLA 3

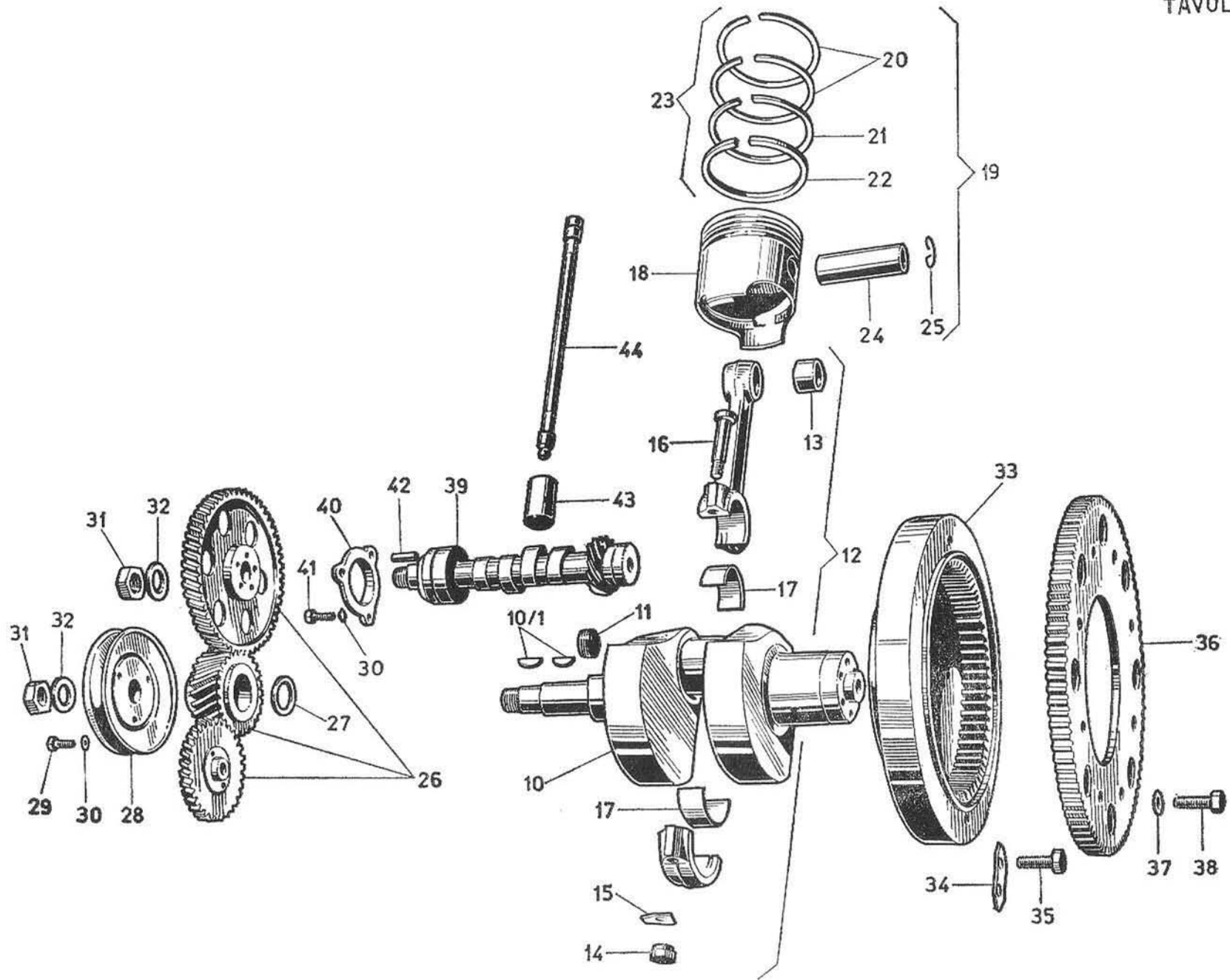




PLATE 4 MODEL: V-750 CC AMBASSADOR  
ENGINE

GROUP: Oil pump - Oil lines - Filter - Breather  
unit - Oil pressure solenoid

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
10	12 00 72 00	Breather tube	1	
11	12 00 76 00	Washer, breather tube	1	
12	98 10 60 15	Screw, breather tube and return pipe band	3	
13	95 02 11 06	Washer, breather tube and band securing screws, and bottom plate bolt	5	
14	12 00 62 00	Tube, oil return from breather box	1	
15	12 00 65 00	Band, oil return tube	1	
16	12 00 66 00	Hollow bolt, return pipe securing	1	
17	12 00 64 00	Washer, hollow bolt	2	
18	12 15 84 00	Oil pipe	1	
19	12 15 91 00	Washer, oil pipe	2	
20	98 05 44 30	Bolt, oil pipe securing	2	
21	12 15 92 00	Lock plate, oil pipe screws	2	
22	12 15 90 00	Plug, oil relief valve	1	
23	95 10 05 07	Washer	1	
24	12 15 07 00	Bottom plate	1	
25	94 32 10 72	Spring	1	
26	12 15 09 00	Plunger, oil relief valve	1	
27	13 14 62 00	Oil pump, complete	1	
28	12 14 78 00	Spindle, gear driving	1	
29	12 14 85 00	Gear, driven	1	
30	13 14 77 00	Gear, driving	1	
31	91 70 12 32	Key, oil pump driving gear	1	
32	95 02 11 08	Washer, driving gear nut	1	
33	92 70 10 86	Nut, driving gear nut	1	
34	98 10 80 42	Screw, short, oil pump securing	2	
35	98 02 24 55	Screw, long, oil pump securing	2	
36	12 14 98 00	Lock plate, pump securing screws	2	
37	12 15 22 00	Oil cleaner, complete	1	
38	12 15 30 00	Gauze, oil filter	1	
39	12 15 26 00	Bottom plate	1	
40	98 02 43 10	Bolt, plate securing	2	
41	12 15 75 00	Line, flexible, return pipe	1	
41/1	12 10 84 00	Band, recovery pipe to flexible line	1	
42	12 15 32 00	Washer	1	
43	95 02 11 08	Washer, spring, filter screw	1	
44	98 02 04 35	Screw, filter securing	1	
45	12 15 36 00	Pipe, oil delivery to cylinder heads	1	
46	12 15 42 00	Washer, oil pressure solenoid	1	
47	95 99 00 37	Screw, oil pipes to cylinder heads	3	
48	12 76 87 00	Oil pressure solenoid	1	
48/1	90 71 41 24	Seal, oil pressure solenoid	1	
49	12 15 76 00	Tube, vent	1	
49/1	12 20 10 00	Band, breather tube	1	
50	12 15 57 01	Oil breather assembly, complete	1	
51	12 15 74 00	Tube, flexible, centre	1	
52	12 15 78 00	Band, breather tube to flexible pipe	1	

TAVOLA 4

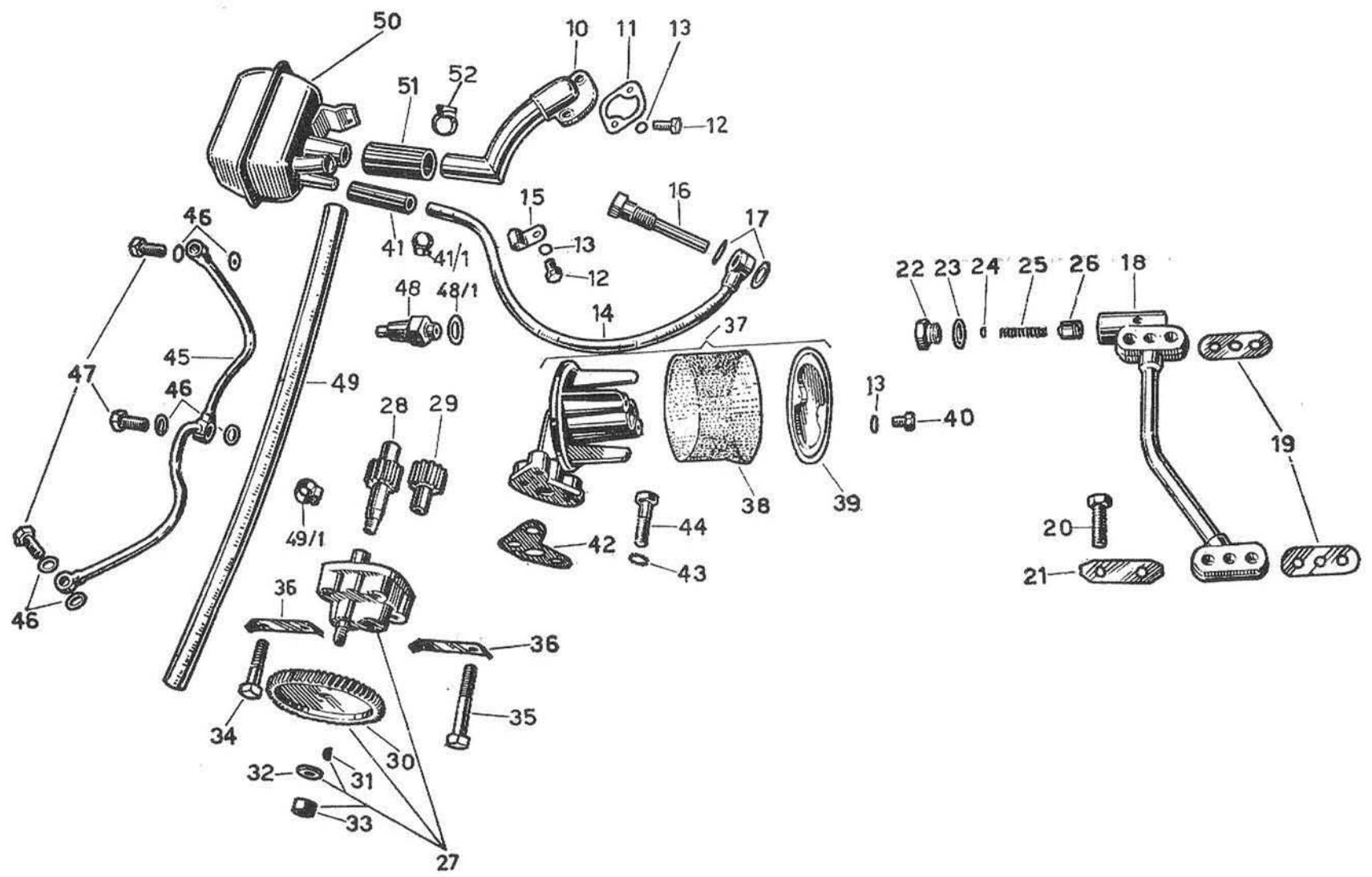




PLATE 5 MODEL: V-750 CC AMBASSADOR  
ENGINE

GROUP: Fuel tank - Exhaust pipes - Mufflers

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
10	13 10 02 00	Tank, fuel tank	1	
11	13 91 62 00	Decal, r/h, « Moto Guzzi »	1	
11/1	13 91 63 00	Decal, l/h, « Moto Guzzi »	1	
11/2	13 91 96 00	Decal, r/h, eagle, large, golden	1	
11/3	13 91 97 00	Decal, l/h, eagle, large, golden	1	
11/4	12 91 92 00	Decal, « Use Shell oil »	1	
12	12 10 39 00	Filler cap, tank	1	
13	98 05 24 99	Screw, tank securing	2	
14	95 10 12 31	Washer, taking securing screw	2	
15	12 10 35 00	Bushing, rubber block	4	
16	55 10 34 25	Block, rubber	4	
17	92 60 22 08	Nut, tank securing screws	2	
18	90 71 41 23	Washer, tap	2÷4	
19	12 10 54 01	Tap, fuel	2	
20	12 10 65 01	Fuel line, complete	1	
21	12 10 84 00	Band, fuel line	4	
22	12 12 09 00	Exhaust pipe, r/h	1	
23	12 12 09 05	Exhaust pipe, l/h	1	
24	90 71 83 75	Gasket, exhaust pipe	2	
25	12 12 02 00	Lock-nut, exhaust pipe	2	
26	12 12 39 00	Tube, exhaust pipe connection	1	
27	12 12 34 00	Band, exhaust pipe to muffler	2	
28	99 10 50 80	Screw, exhaust pipe to muffler	4	
29	92 60 22 10	Nut, muffler screws	2	
30	95 02 11 10	Washer, muffler screws	2	
31	98 05 45 22	Screw, muffler securing	2	
32	55 12 70 25	Band, connection tube	2	
33	12 12 30 20	Muffler, r/h	1	
34	12 12 29 20	Muffler, l/h	1	
35	12 12 25 00	Band, exhaust pipe retaining	2	
36	98 02 43 12	Screw, exhaust pipe band securing	2	
37	92 60 22 06	Nut, exhaust pipe band screw	2	



Figure No.	Order No.	DESCRIPTION	Quantity	Notes
10	13 11 24 02	Carburetor, r/h (Dell'Orto VHB 29 CD)	1	3512 Dell'Orto 3511
	13 11 24 03	Carburetor, l/h (Dell'Orto VHB 29 CS)	1	
11	12 11 44 01	Air intake tube	2	
12	12 60 75 00	Throttle cable, handlebar to adaptor	1	
13	12 60 79 00	Adaptor, two-ways	1	
14	12 80 71 00	Cover, adaptor, near end	2	
15	12 80 70 00	Plunger, adaptor	2	
16	12 80 72 00	Cover, adaptor, far end	2	
17	98 10 80 15	Screw, adaptor securing	1	
18	95 10 12 31	Washer, adaptor screw	1	
19	92 60 22 08	Nut, adaptor screw	1	
20	95 79 02 33	Thumb screw, air and throttle cable	2	
21	92 70 00 71	Lock-nut, cable adjusting screw	2	
22	12 60 83 00	Cable, air, handlebar to adaptor	1	
23	12 11 70 01	Cable, air, carburetor to adaptor	2	
24	12 11 75 01	Cable, throttle, carburetor to adaptor	2	
25	13 93 70 00	Cap, protection, control cables	2	1476.00.06
26	13 93 28 00	Screw, mixture chamber cover	2	3978.00.36
26/1	13 93 29 00	Washer, spring, air and gas screw	2	5011.00.23
27	12 93 72 00	Screw, air and throttle adjusting	2	1104.00.37
28	12 93 73 00	Nut, air and throttle cable screw	2	1691.00.27
29	13 93 50 00	Cover, mixing chamber	1	7338.00.53
30	13 93 71 00	Spring, throttle slide	1	7448.00.61
31	13 93 75 00	Throttle slide	1	7454.60.64
32	13 93 77 00	Taper needle, V type	1	7455.05.08
33	55 93 85 85	Stop dowel, taper needle	1	1407.00.21
34	13 93 79 00	Screw, air valve cap, securing	1	7745.00.36
35	13 93 74 00	Cover, air valve	1	7637.00.06
36	13 93 76 00	Spring, air valve	1	4043.00.61
37	13 93 78 00	Air valve	1	3238.00.64
38	13 93 37 00	Bolt, chamber fixing	1	7880.00.34
39	13 93 39 00	Washer, chamber fixing bolt	1	4057.00.30
39/1	13 93 44 00	Body, float chamber	1	7881.00.96
39/2	13 93 34 00	Gasket, float chamber	1	7451.00.30
40	13 93 30 00	Float	1	7450.00.80
41	13 93 31 00	Pin, float	1	7346.00.22
42	13 93 48 00	Needle, fuel closing	1	4559.00.05
43	13 93 57 00	Main jet	1	1486.145.02
44	13 93 88 00	Accelerator pump	1	7879.00.32
		Pump body	1	7831.00.64
		Pump plunger	1	7185.00.03
		Ball	1	7832.00.33
		Valve housing	1	7882.00.61
		Plunger spring	1	7828.00.34
		Jet holder	1	

TAVOLA 6

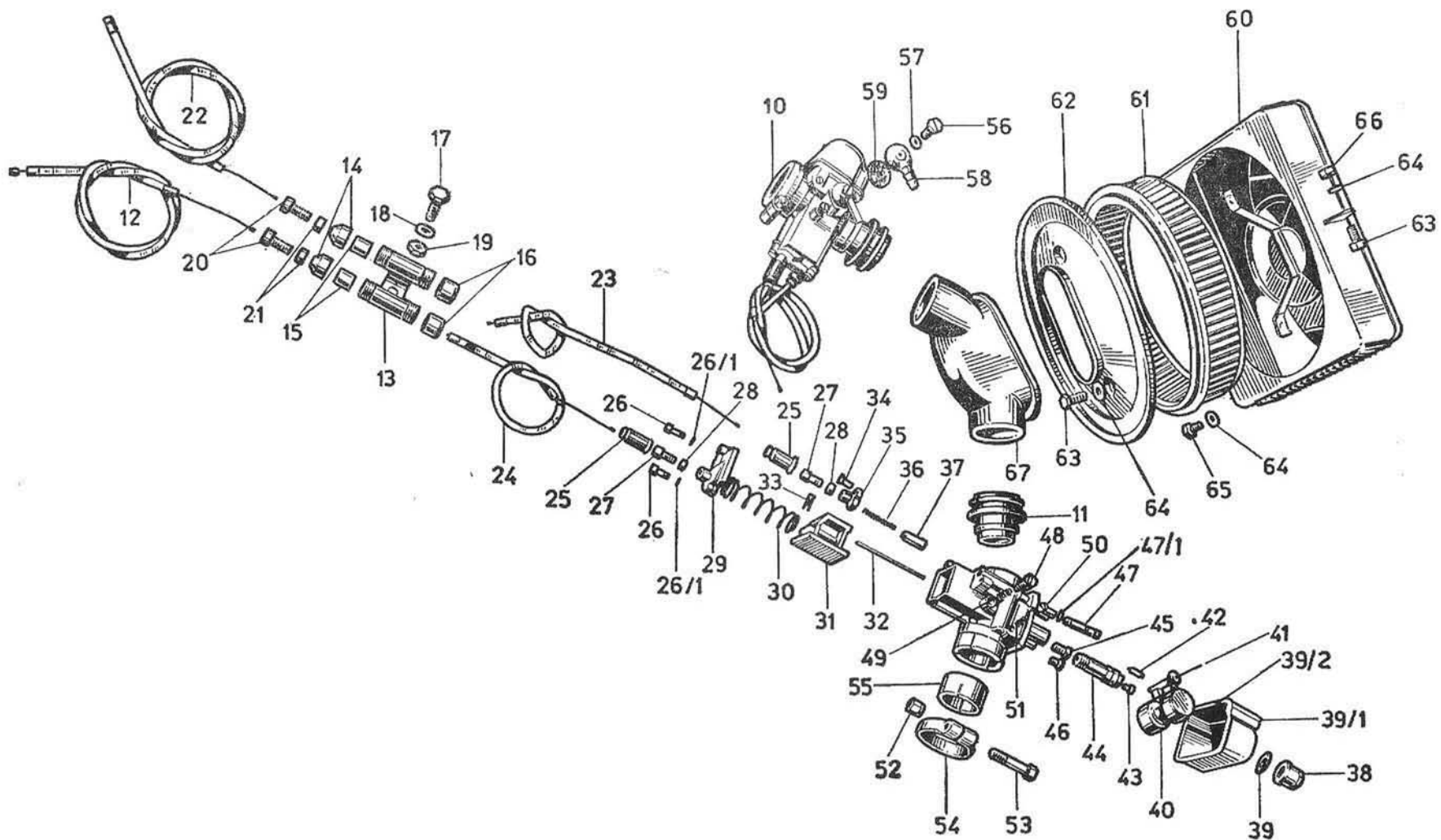




PLATE 6 MODEL: V-750 CC AMBASSADOR  
ENGINE

GROUP: Carburetor - Control cables - Air cleaner

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
45	13 93 55 00	Atomizer	1	7878.265.28
46	13 93 59 00	Pilot jet	1	1486.45.02
47	13 93 60 00	Air jet	1	7746.80.02
47/1	13 93 61 00	Washer, air jet	1	6173.00.30
48	13 93 66 00	Screw, throttle slide adjusting	1	7673.00.37
49	13 93 67 00	Spring, throttle slide screw	1	4670.00.61
50	13 93 62 00	Screw, idling	1	7449.00.37
51	13 93 63 00	Spring, idling screw	1	7446.00.61
52	13 93 68 00	Nut, sleeve securing screw	1	1751.00.27
53	13 93 86 00	Screw, sleeve securing	1	1750.00.36
54	13 93 87 00	Ring, sleeve retainer	1	1749.00.50
55	13 93 89 00	Insulating bush	1	7453.00.62
56	13 93 49 00	Screw, cap securing	1	4568.00.36
57	13 93 47 00	Washer, adaptor screw	1	4052.00.30
58	13 93 46 00	Adaptor, fuel line	1	6273.00.38
59	43 93 40 00	Fuel filter	1	6109.00.29
60	12 11 32 00	Filter box	1	
61	12 11 36 00	Element, filter	1	Retex LI - 2604 (FISPA)
62	12 11 34 01	Cover, filter box	1	
63	98 02 43 12	Screw, filter box cover	3	
64	95 02 11 06	Washer, filter box cover screw	5	
65	98 05 43 16	Screw, bottom box securing	2	
66	92 60 22 06	Nut, top box securing	1	
67	12 11 43 01	Rubber sleeve	1	



TAVOLA 6

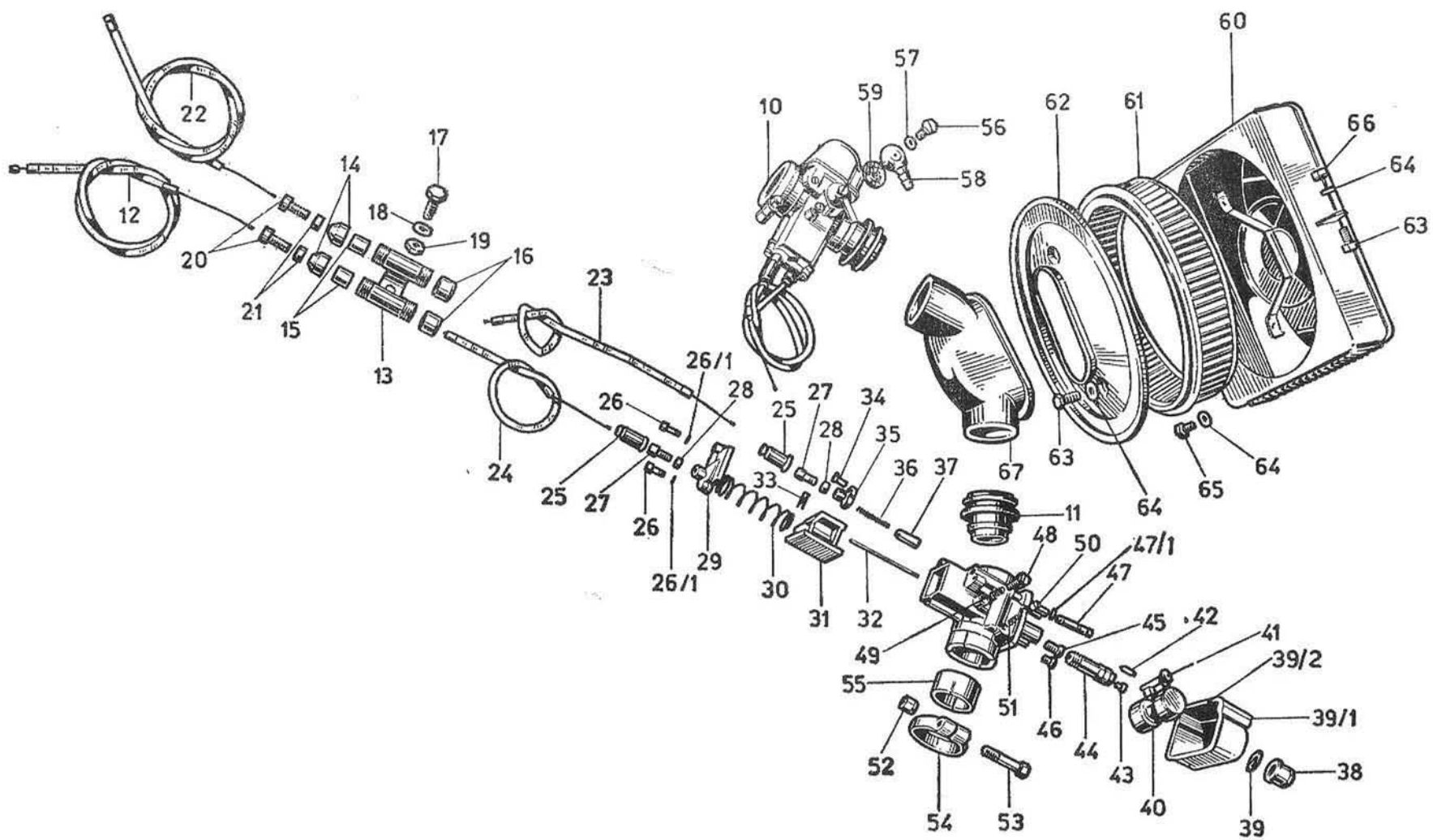




PLATE 7 MODEL: V-750 CC AMBASSADOR  
PRIMARY DRIVE

GROUP: Clutch and controls

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
10	13 08 41 00	Spring, clutch	8	
11	12 08 29 00	Pressure plate, clutch	1	
12	12 08 44 00	Clutch plate, complete	2	
13	12 08 23 00	Intermediate plate, clutch	1	
14	12 08 28 00	Washer, clutch plate	1	
15	12 08 57 01	Rod, clutch pressure plate	1	
16	12 08 59 01	Tube, rubber	1	
17	12 08 60 01	Inner body	1	
18	12 08 70 00	Cage, complete	1	
19	12 08 61 01	Outer body	1	
20	90 70 61 50	Seal	1	
21	12 09 02 01	Lever, clutch operating on gear box	1	
22	12 03 40 01	Screw, adjusting	1	
23	92 60 25 08	Nut, lever adjusting screw	1	
24	95 78 02 71	Pin, clutch lever to gear box	1	
25	95 50 02 22	Split pin, lever pin securing	1	
26	12 09 30 01	Cable, clutch	1	
27	12 00 65 00	Band, clutch cable	1	
28	95 10 01 37	Washer	1	

TAVOLA 7

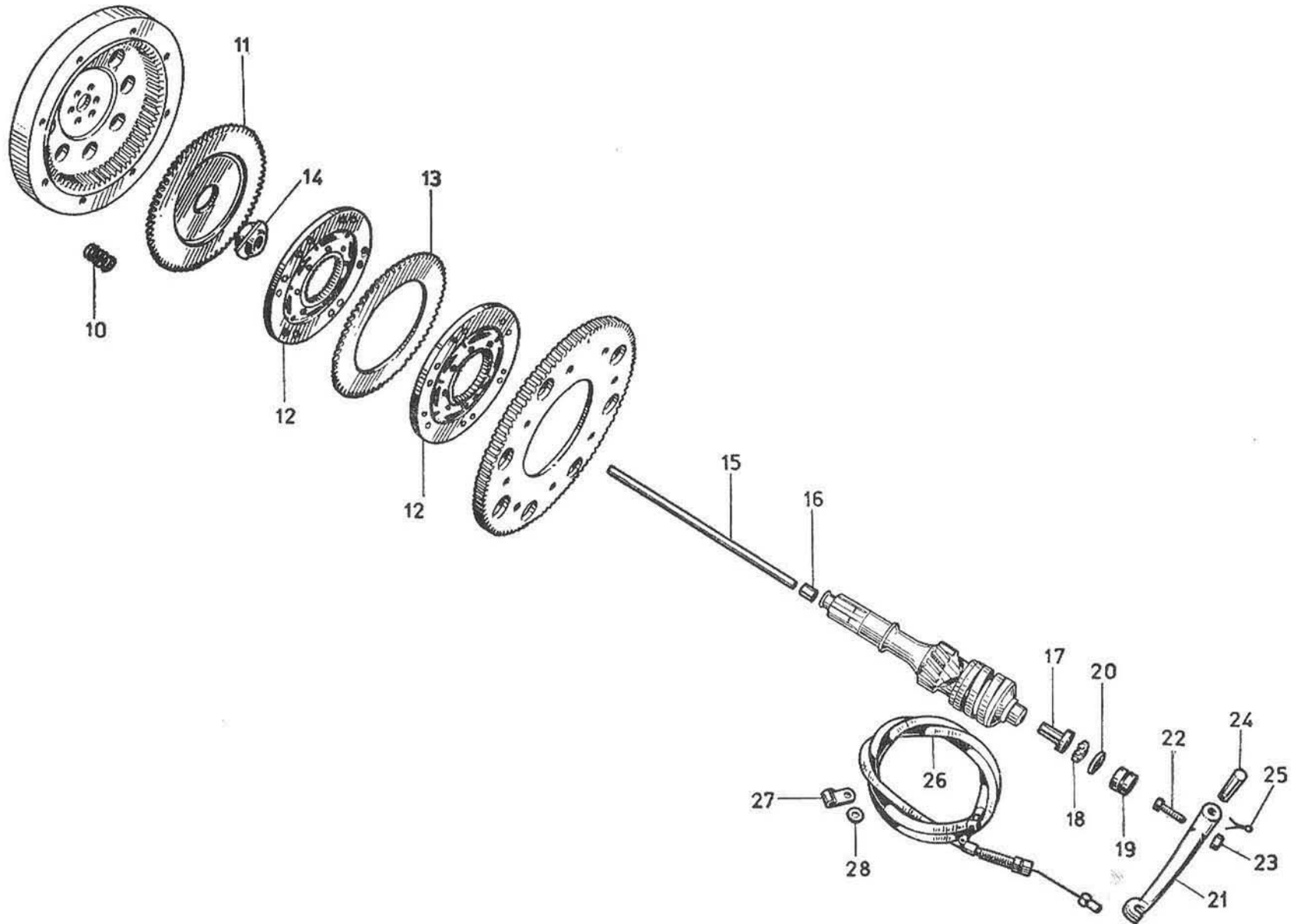




PLATE 8 MODEL: **V-750 CC AMBASSADOR**  
**PRIMARY DRIVE**

GROUP: **Gear box and covers**

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
10	12 20 02 00	Gear box	1	
11	12 20 08 01	Cover, gear box	1	
12	92 20 12 25	Bearing, in gear box for clutch shaft	1	25x52x15 (RIV 2A)
13	92 25 62 17	Bearing, in gear box for main shaft	1	17x35x15 (RIV NAS 17)
14	12 20 07 00	Bottom plate, in gear box for layshaft	1	
15	92 20 12 20	Bearing, in gear box for layshaft and in box cover for main shaft	2	20x47x14 (RIV 1 A20)
16	95 51 20 81	Locating pin	2	
17	90 40 25 35	Seal	1	Angus 25x35x7
18	12 20 11 00	Gasket, gear box cover	1	
19	92 20 11 20	Bearing, in gear box cover for clutch shaft	1	20x42x12 (RIV ELL 20)
20	92 20 12 22	Bearing, in gear box cover for layshaft	1	22x50x14 (RIV 1A 22)
21	90 40 35 47	Seal, cover, layshaft	1	Angus 35x47x7
22	98 05 23 35	Screw, gear box cover fixing	10	
23	95 10 01 30	Washer, gear box cover screws, selector cover, and contact breaker plate	17	
24	45 33 68 02	Grommet	1	
25	12 20 14 00	Cover, selector	1	
26	12 20 15 00	Gasket, selector cover	1	
27	98 10 60 21	Screw, short, cover securing	4	
28	98 10 60 55	Screw, long, cover securing	1	
29	55 23 78 00	Adjusting screw	1	
30	92 70 01 22	Nut, adjusting screw	1	
31	95 10 14 30	Washer, adjusting screw	1	
32	12 20 72 00	Neutral indicator unit, complete	1	
33	12 20 77 00	Washer, indicator unit	1	
34	92 60 82 05	Nut, indicator securing	2	
35	95 10 00 56	Washer, indicator nut	2	
36	98 05 43 16	Screw, indicator to gear box	2	
37	12 00 37 01	Plug, oil filler	1	
38	90 71 41 95	Gasket, oil filler plug	1	
39	95 98 02 10	Plug, level and drain	2	
32/1	12 23 53 00	Plug, selector pawl drum	1	
40	90 71 41 01	Washer, oil level and drain plug and selector pawl	3	
41	94 32 10 63	Spring, selector pawl	1	
42	55 23 47 00	Pawl, selector drum	1	

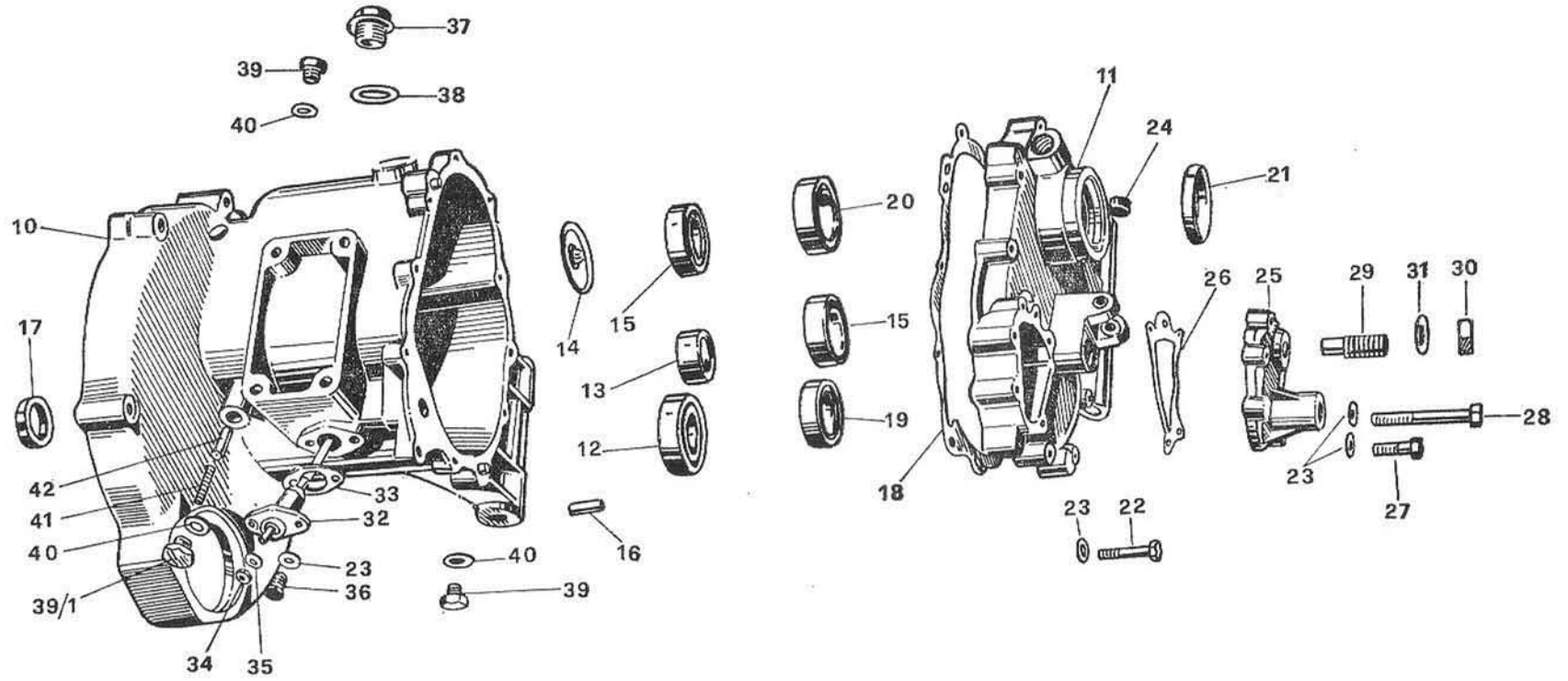




PLATE 9 MODEL: V-750 CC AMBASSADOR  
PRIMARY DRIVE

GROUP: Gear box - Shafts - Controls

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
10	12 25 09 05	Pedal, gearshift, l/h	1	
10/1	12 25 09 06	Pedal, gearshift, rocker type, l/h	1	on request
11	55 25 10 00	Rubber, gearshift pedal	1	
12	98 05 23 25	Screw, gearshift pedal	1	
13	12 25 11 05	Shaft, c/w lever, l/h operation	1	
14	95 50 02 22	Cotter pin, gearshift operating rod	2	
15	95 12 91 10	Washer, gearshift rod pins	2	
16	95 78 02 65	Pin, gearshift control rod	2	
17	92 70 00 73	Nut, adjusting, on rod	1	
18	95 74 01 71	Fork, gearshift rod	2	
19	12 25 79 01	Rod, gearshift	1	
20	12 25 78 01	Rod, c/w forks	1	
21	98 10 60 21	Screw, lever to crankcase	1	
22	12 25 82 01	Lever, gearshift operating	1	
23	12 23 68 00	Starter pin	1	
24	55 23 82 00	Spring, starter pin return	1	
25	12 23 85 01	Camplate	1	
26	12 23 44 00	Drum, gear selection	1	
27	55 23 64 00	Body, inner, selector	1	
28	12 23 79 00	Plunger, r/h, selector	1	
28/1	12 23 80 00	Plunger, l/h, selector	1	
29	26 26 72 00	Pawl, selector plunger	2	
30	94 32 10 49	Spring, plunger	2	
31	12 23 43 00	Rod, selector drum	1	
32	55 23 50 00	Shim, 0.6 mm. (.023")	}	1
	55 23 50 01	Shim, 0.8 mm. (.031")		
	55 23 50 02	Shim, 1 mm. (.039")		
	55 23 50 03	Shim, 1.2 mm. (.047")		
33	12 20 20 00	Cup, oil pick up	1	
34	12 23 24 00	Shaft, fork operating	1	
35	12 23 05 00	Fork, gear selector	2	
36	12 21 05 02	Main shaft, gear box	1	
37	12 21 10 00	Washer, thrust, main shaft, high gear end	2	
37/1	90 11 82 47	Seal, intermediate, main shaft	1	
38	12 21 36 00	Layshaft	1	
39	93 60 10 22	Lock ring, layshaft	1	
40	95 02 80 22	Washer, safety, lock ring	1	
41	12 21 55 00	Spacer	1	
41/1	92 29 57 02	Ball, speedo gear retaining	1	
42	12 21 43 00	Washer, adjusting	1	
43	12 21 40 02	Gear, 1st speed, c/w bushing	1	
44	91 21 27 19	Bushing, 1st speed gear	1	
45	90 27 10 27	Circlip, layshaft	3	Seeger 27 e
45/1	12 21 46 00	Washer, thrust, circlip to bush	2	

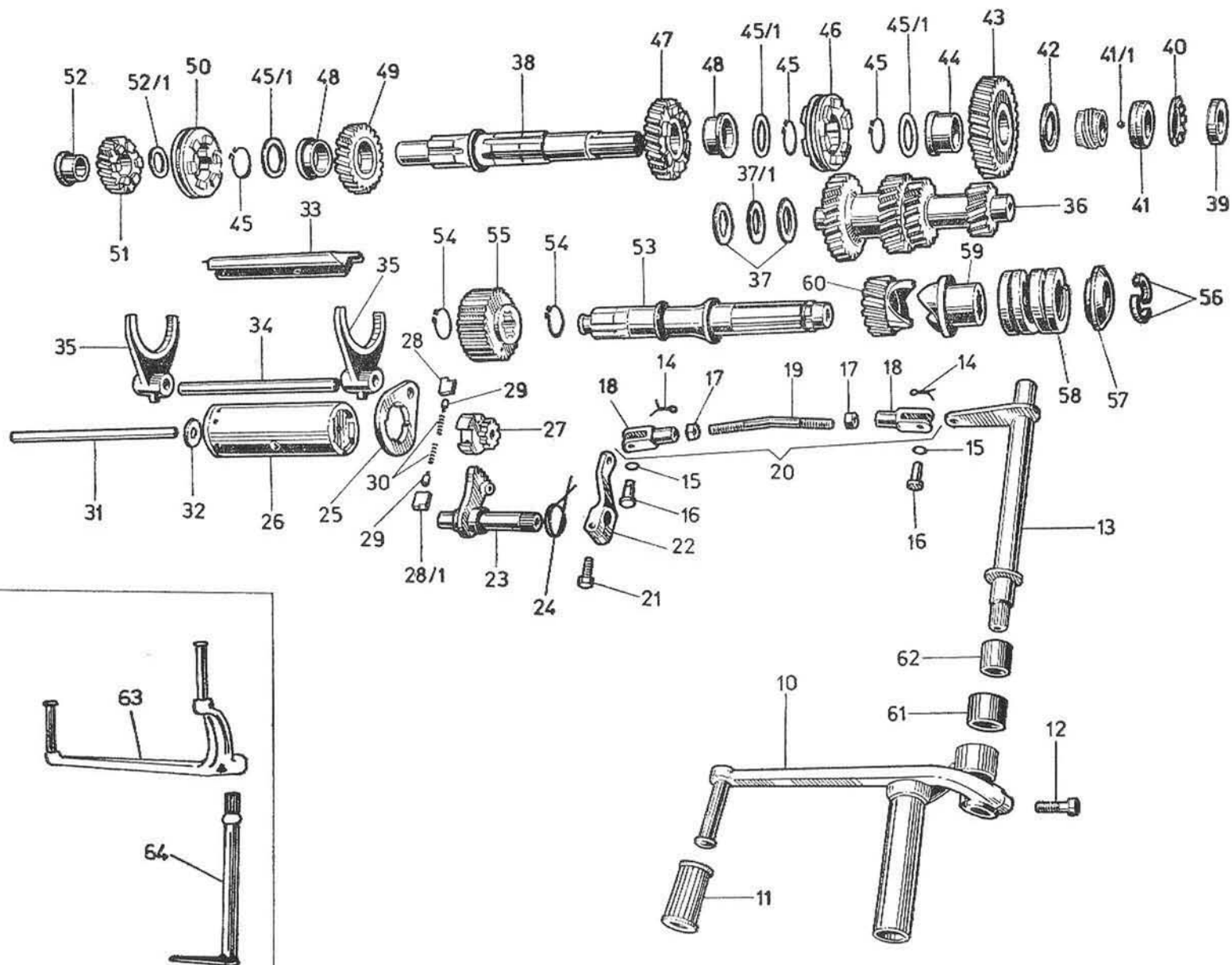




PLATE 9 MODEL: V-750 CC AMBASSADOR  
PRIMARY DRIVE

GROUP: Gear box - Shafts - Controls

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
46	12 23 07 01	Sleeve, sliding, 1st and 2nd speed	1	
47	12 21 44 01	Gear, 2nd speed, c/w bushing	1	
48	91 12 27 14	Bushing, 2nd and 3rd speed gear	2	
49	12 21 47 01	Gear, 3rd speed c/w bushing	1	
50	12 23 15 01	Sleeve, sliding, 3rd and high gear	1	
51	12 21 51 01	Gear, top	1	
52	12 21 53 01	Bush, floating, high speed gear	1	
52/1	12 21 54 00	Washer, thrust, bush to shaft	1	
53	12 21 07 01	Shaft, clutch	1	
54	90 27 10 25	Circlip, clutch inner body	2	Seeger 25 e
55	12 08 18 01	Body, inner, clutch	1	
56	12 21 17 00	Semi collar, cush drive plate	2	
57	13 21 16 00	Plate, cush drive	1	
58	13 21 15 00	Spring, cush drive	1	
59	12 21 12 00	Sliding muff	1	
60	12 21 11 01	Counter gear, clutch shaft	1	
61	12 44 21 05	Bush, guiding, operating shaft	1	
62	12 44 19 05	Bush, inner, operating shaft	1	
63	12 25 09 00	Lever, gearshift, r/h	1	
64	12 25 11 00	Lever shaft, r/h operation	1	



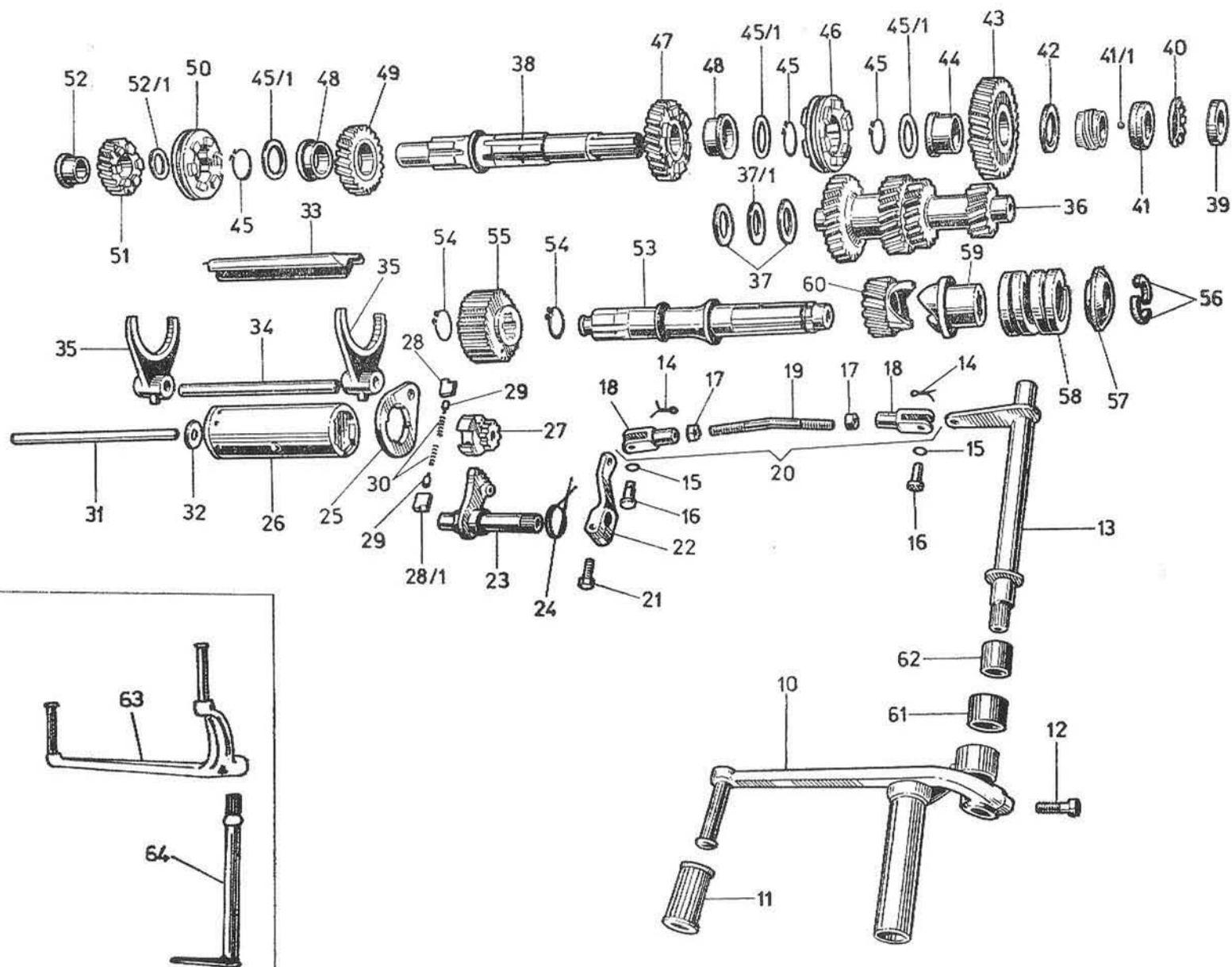




PLATE 10 MODEL: **V-750 CC AMBASSADOR**  
**REAR WHEEL DRIVE**

GROUP: **Rear Fork - Rear drive box - Drive shaft -  
 Bevel gear**

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
10	12 54 02 00	Rear fork	1	
11	98 02 05 35	Screw, rear fork clamp	1	
12	95 10 03 31	Washer, clamp screw	1	
13	12 54 78 00	Cap nut, rear fork to frame	2	
14	92 72 02 00	Nut, fork spindle	2	
15	12 54 72 00	Spacer	2	
16	12 54 70 00	Spindle, rear fork support	2	
17	90 40 30 40	Seal, rear fork spindle	2	Angus 30x40x7
18	92 24 92 16	Bearing, taper roller	2	17x40x12 (RIV 01/02/5010)
19	96 50 80 45	Bolt, drive box to swing arm	4	
20	95 02 11 08	Washer, drive box bolts	4	
21	13 35 02 00	Rear wheel drive, complete	1	
22	12 54 80 00	Gaiter, rubber	1	
23	12 54 82 01	Band, large, gaiter to drive box	1	
24	12 54 84 01	Band, small, gaiter to drive box	1	
25	12 32 80 00	Double joint, layshaft to drive shaft	1	
26	12 32 63 00	Drive shaft	1	
27	12 32 77 00	Sleeve, drive shaft and bevel drive	1	
28	90 27 10 20	Seal, drive shaft and bevel gears	3	Seeger 20 e
29	90 27 20 58	Circlip	1	58 i
30	92 20 42 28	Bearing, ball, rear fork	1	28x58x16 (RIV ALN 28)
31	12 35 03 00	Rear drive box	1	
32	12 00 37 01	Oil filler plug, drive box	1	
33	90 71 41 95	Gasket, oil filler plug	1	
34	95 98 02 10	Plug, oil level and drain	2	
35	90 71 41 01	Washer, oil level and drain plug	2	
36	93 60 10 26	Lock ring, bevel gear retaining	1	SKF-KM5
37	95 02 80 25	Washer, safety, lockring	1	SKF-MB5
38	92 24 92 25	Bearing, taper roller in housing	2	25x52x16,25 (RIV 01/02/7205)
39	12 35 24 00	Housing, bearing	1	
40	12 35 26 00	Gasket, drive box to bearing housing	1	
40/1	90 70 64 90	Seal, rear drive box	1	
41	12 35 29 00	Gasket, bearing housing to rear fork	1	
42	12 35 51 00	Distance piece, bearings	1	
43	12 35 52 02	Shim, spacer to bearing	1 ÷ 17	(0.1 mm. = .0039")
	12 35 52 03	Shim, bevel gears spacers	6 ÷ 14	(.15 mm. = .0059")
44	12 35 53 01	Spacer, bevel set	1 ÷ 2	(mm 1)
	12 35 53 02	Spacer, bevel set	1 ÷ 2	(mm 1,2)
	12 35 53 03	Spacer, bevel set	1 ÷ 2	(mm 1,5)
45	13 35 46 00	Bevel gear set	1	
46	98 05 44 25	Bolt, flange to drive box	8	

TAVOLA 10

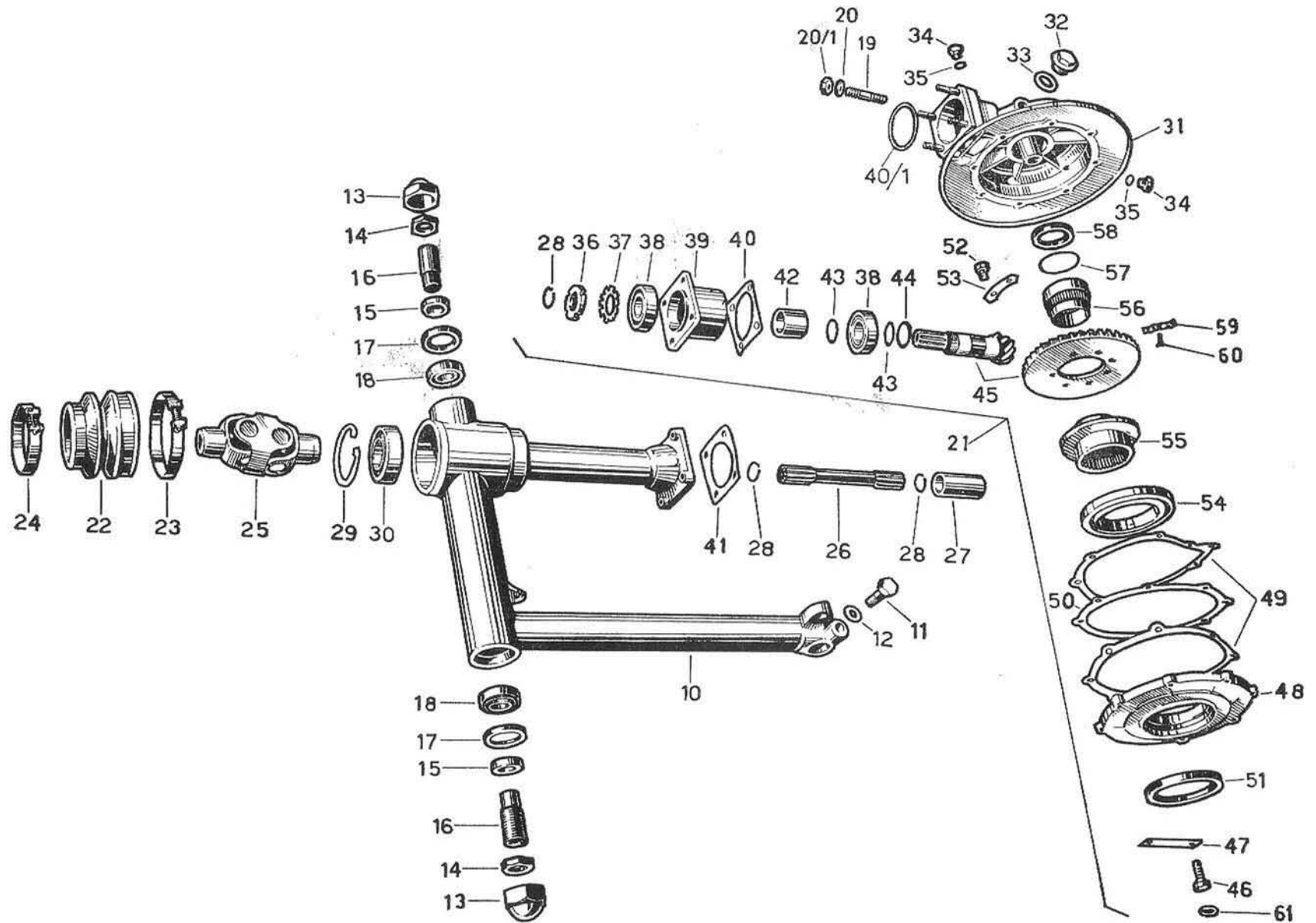




PLATE 10 MODEL: V-750 CC AMBASSADOR  
 REAR WHEEL DRIVE

GROUP: Rear Fork - Rear drive box - Drive shaft -  
 Bevel gear

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
47	12 35 21 00	Lock Plate, flange fixing bolts . . . . .	4	
48	12 35 04 00	Flange, drive box . . . . .	1	
49	12 35 07 00	Gasket, flange to spacer and spacer to drive box . . . . .	2	
50	12 35 54 00	Shim 0.8 mm. (.031") . . . . .	1	
	12 53 54 02	Shim 0.9 mm. (.035") . . . . .		
	12 35 54 04	Shim 1 mm. (.039") . . . . .		
	12 35 54 06	Shim 1.1 mm. (.043") . . . . .		
	12 35 54 08	Shim 1.2 mm. (.047") . . . . .		
	12 35 54 10	Shim 1.3 mm. (.051") . . . . .		
51	90 40 70 85	Seal . . . . .	1	Angus 70.85.8
52	12 35 63 00	Bolt, bevel gear to journal . . . . .	8	
53	12 35 64 00	Lock Plate, bevel gear bolts to journal bearing . . . . .	4	
54	92 20 10 70	Bearing, ball . . . . .	1	70x110x13 (RIV ELL N. 70)
55	12 35 14 00	Journal bearing . . . . .	1	
56	92 25 43 40	Bearing, roller . . . . .	1	Durkopp NAF 40x55x17
57	12 35 11 00	Ring, cage retaining . . . . .	1	
58	90 40 38 50	Seal . . . . .	1	Angus 38.50.7
59	12 35 13 00	Plate, bearing stop . . . . .	1	
60	98 28 06 14	Screw, roller bearing stop plate . . . . .	1	
61	95 00 42 08	Washer, flange securing screw . . . . .	8	

TAVOLA 10

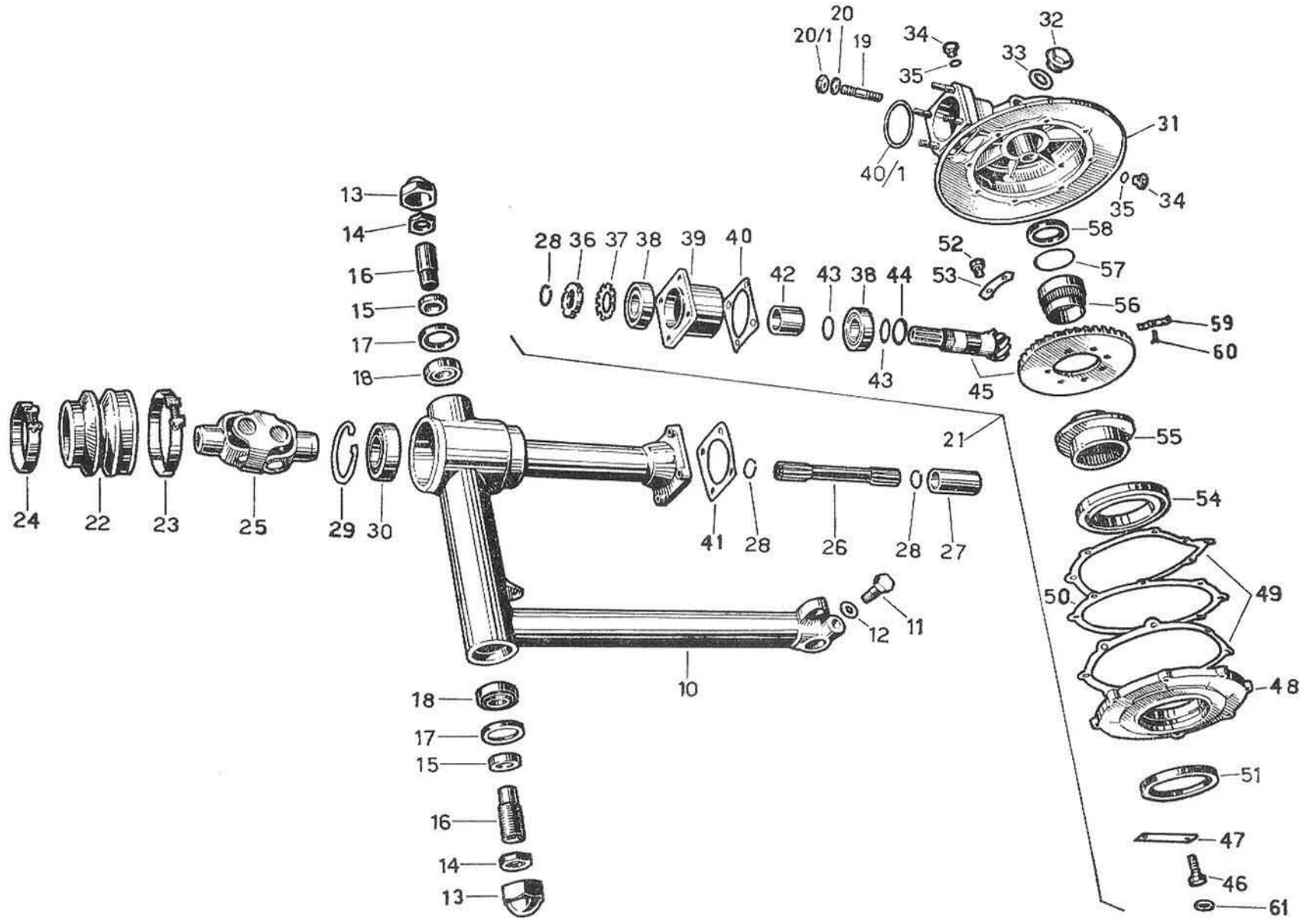




PLATE 11 MODEL: V-750 CC AMBASSADOR  
FRAME

GROUP: Frame - Center stand - Side stand -  
Footrests - Rear fender

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
10	12 40 01 02	Frame	1	
11	92 70 01 28	Nut, engine to frame bolt	2	
12	95 10 04 15	Washer, engine to frame bolt	2	
13	12 42 97 01	Spacer, front	2	
14	12 42 98 00	Spacer, rear	2	
15	12 42 96 00	Bolt, engine to frame retaining	2	
16	91 18 09 49	Spacer, tank securing plate	1	
17	13 91 85 22	Plate, serial number	1	
18	92 85 07 52	Decal, rear fender	1	
19	45 91 85 70	Rivet, serial number plate securing	6	
20	12 78 25 80	Lock, antitheft, on steering column	1	
	12 78 24 80	Key, antitheft device	2	
21	12 41 82 00	Bracket, battery support	1	
22	98 02 44 12	Screw, safety guard to frame	2	
23	98 10 80 17	Screw, battery bracket securing	4	
24	95 10 12 31	Washer, battery bracket securing screws	4	
25	98 11 00 15	Screw, battery bracket to frame	2	
26	95 10 03 11	Washer, battery bracket screws to frame and sidestand screws	5	
27	12 43 03 01	Center Stand	1	
28	92 63 01 10	Nut, center and side stand securing bolts	3	
29	99 10 51 34	Bolt, center stand	2	
30	12 43 40 01	Spring, return, center and side stand	2	
31	12 43 30 00	Buffer, rubber, center and side stand	2	
32	12 43 20 00	Side Stand	1	
33	12 43 28 00	Bolt, side stand	1	
34	92 60 22 08	Nut, spring retaining dowel	1	
35	95 10 02 25	Washer, spring dowel	1	
36	12 43 42 00	Dowel, spring	1	
37	95 10 04 83	Washer, inner, damper securing spindle	4	
38	12 44 02 00	Pivot arm, footrest	1	for machines with R/H gearshift
39	12 44 13 05	Pivot arm, L/H footrest	1	for machines with L/H gearshift
40	12 44 32 00	Rubber, footrest	2	
41	95 10 03 37	Washer, damper unit	2	
42	55 44 23 00	Footrest, passenger	2	
43	55 44 33 85	Rubber, passenger footrest	2	
44	12 44 28 00	U-Plate, footrest securing	2	
45	98 05 23 25	Screw, footrest securing	2	
46	95 10 01 30	Washer, footrests, tool box, and rear fender screws	18	
47	92 60 22 06	Nut, footrests, tool box, and rear fender screws	10	
48	98 05 45 22	Screw, passenger footrest plate	2	
49	95 02 11 10	Washer, footrest plate and hand grip securing screws	4	
50	12 41 64 00	Reinforcement, footrest plate	2	

TAVOLA 11

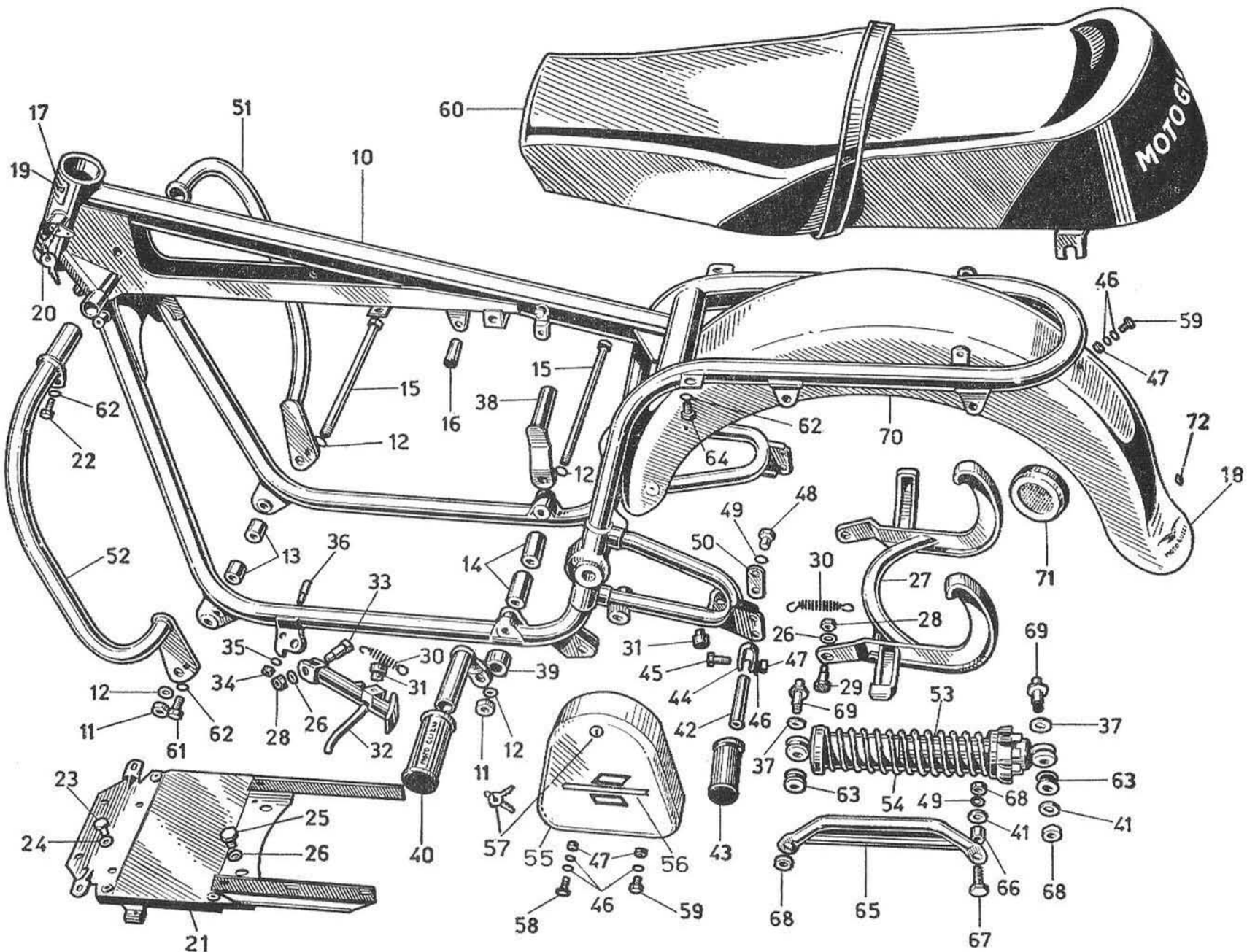






PLATE 11 MODEL: V-750 CC AMBASSADOR  
FRAME

GROUP: Frame - Center stand - Side stand -  
Footrests - Rear fender

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
51	12 45 03 00	Safety Bar, R/H	1	
52	12 45 04 00	Safety Bar, L/H	1	
53	12 55 02 00	Shock absorber unit	2	
54	12 55 23 00	Spring, shock absorbers	2	
55	13 47 60 00	Tool Box, R/H	1	
55/1	13 91 75 00	Decal, R/H tool box	2	
55/2	13 47 61 00	Tool Box, L/H	1	
56	55 47 85 00	Thumb screws, tool box	2	
56/1	55 47 86 00	Washer, tool box screw	2	
57	12 47 88 00	Lock, c/w key, tool box	2	
58	98 10 60 17	Screw, long, tool box and number plate securing	2	
59	98 02 43 12	Screw, short, tool box and rear fender	6	
60	12 46 05 02	Seat, dual	1	
61	98 05 44 18	Screw, bottom, safety bar securing	2	
62	95 02 11 08	Washer, rear seat securing screw	6	
63	55 55 16 00	Bushing, flexible, rear dampers	4	
64	98 10 80 16	Screw, front seat securing	2	
65	12 46 43 20	Handgrip, machine raising	1	
66	91 18 10 15	Spacer	2	
67	98 02 05 35	Screw	2	
68	92 60 22 10	Nut, handgrip and damper securing	6	
69	12 55 52 00	Boss, damper attachment	4	
70	12 43 70 20	Rear fender	1	
71	12 78 15 20	Reflex reflector, red, rear fender	2	
	12 78 16 20	Reflex reflector, amber, front fender	2	
72	12 70 68 00	Grommet, tail lamp cable	1	



TAVOLA 11

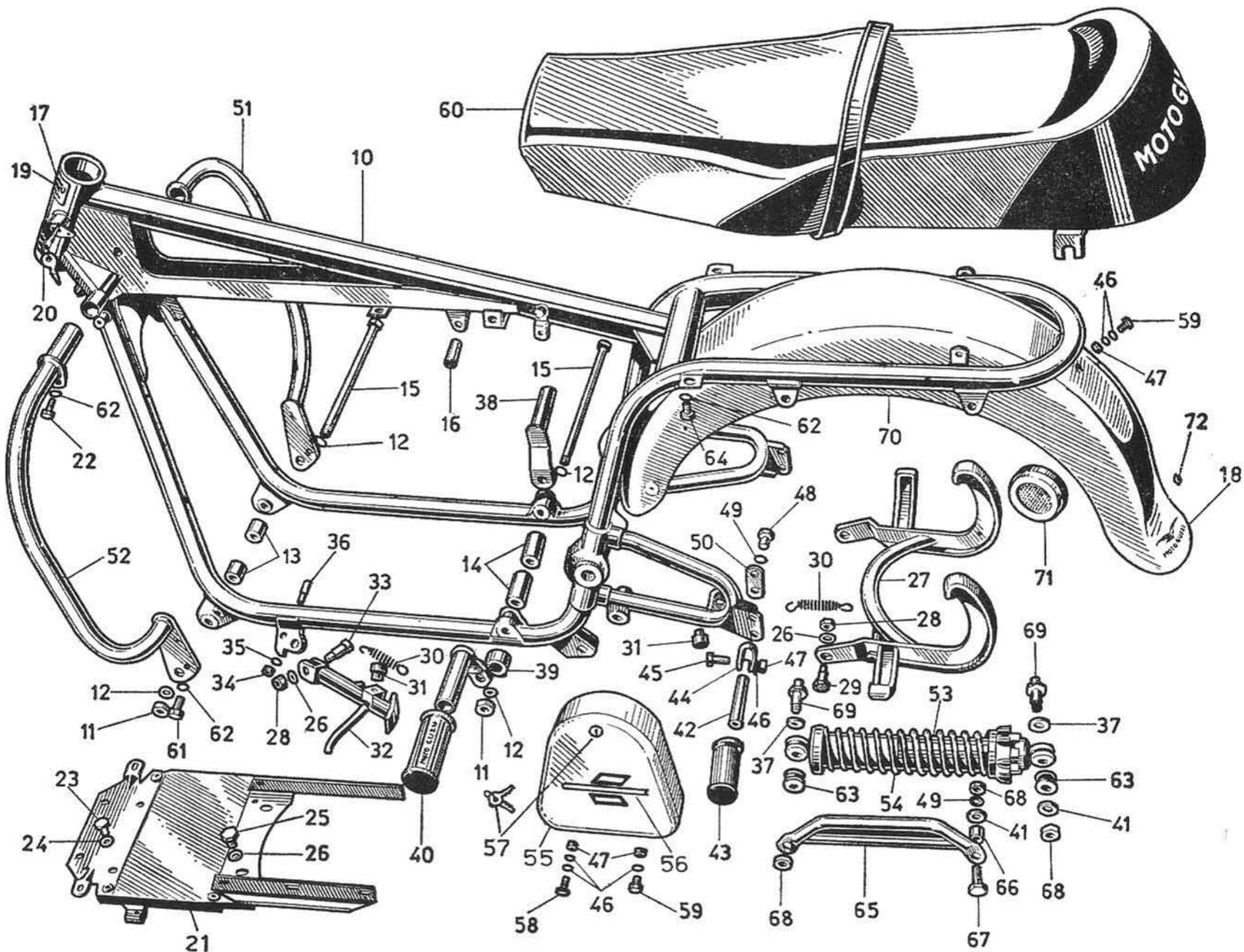




PLATE 12 MODEL: V-750 CC AMBASSADOR  
FRONT SUSPENSION - STEERING

GROUP: Front fork - Front fender - Steering

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
10	12 49 02 21	Front fork, complete	1	
11	92 70 11 39	Nut, top linking plate securing	1	
12	95 10 05 21	Washer, top linking plate nut	1	
13	12 50 45 00	Plug, top fork	2	
14	90 70 62 22	Gasket, top fork plugs	2	
15	12 50 46 00	Washer, top fork plugs	2	
16	12 49 30 01	Top linking plate	1	
17	12 49 27 00	Circlip	2	
18	12 49 23 00	Cap, headlight bracket	2	
19	93 60 10 26	Lock ring, bottom yoke	2	SKF - KM5
20	12 49 45 00	Cap, steering tube	1	
21	92 24 92 25	Bearing; taper roller, steering	2	25x52x16.25 (RIV 01/027205)
22	12 49 41 80	Steering tube, bottom yoke	1	
23	92 70 12 52	Nut, steering tube to bottom yoke	1	
24	12 49 42 01	Bottom yoke	1	
25	98 05 36 75	Bolt, handlebar clamps	2	
26	95 10 14 30	Washer, clamp bolts to bottom yoke	3	
27	92 60 25 12	Nut, clamp bolts to bottom yoke	2	
28	12 49 80 00	Eyelet, front brake cable	1	
29	91 55 11 02	Ring, rubber, front brake cable guide	1	
30	12 49 61 21	Headlight bracket, r/h	1	
31	12 49 62 21	Headlight bracket, l/h	1	
32	12 52 76 00	Bottom plate; headlight bracket	2	
33	12 52 66 00	Spring, front fork	2	
34	12 52 77 00	Housing, fork springs	2	
35	90 40 35 50	Seal	2	35x50x10
36	12 52 54 00	Fork rod	2	
37	12 52 59 00	Lock ring, fork rod and bottom fork link retaining	2	
38	12 52 58 00	Bushing, bottom, fork rod	2	
39	12 52 25 00	Cover, fork, r/h	1	
40	12 52 26 00	Cover, fork, l/h	1	
41	90 70 64 90	Gasket, fork cover	2	
42	12 52 72 10	Washer, adjusting, top bush (0.1 mm. = .0039")	4	
43	90 35 30 46	Circlip, fork cover	2	
44	12 52 72 00	Shim, fork cover adjusting 2 mm. (.078")	2	
	12 52 72 01	Shim, fork cover adjusting 2.1 mm. (.082")		
	12 52 72 02	Shim, fork cover adjusting 2.2 mm. (.086")		
	12 52 72 03	Shim, fork cover adjusting 2.3 mm. (.090")		
	12 52 72 04	Shim, fork cover adjusting 2.4 mm. (.094")		
45	12 52 67 00	Bush, top fork cover	2	
46	98 02 05 35	Bolt, handlebar clamp to headlight bracket	2	
47	95 10 03 31	Washer, handlebar clamp to headlight bracket bolt	2	
48	98 30 50 09	Screw, oil drain from forks	2	

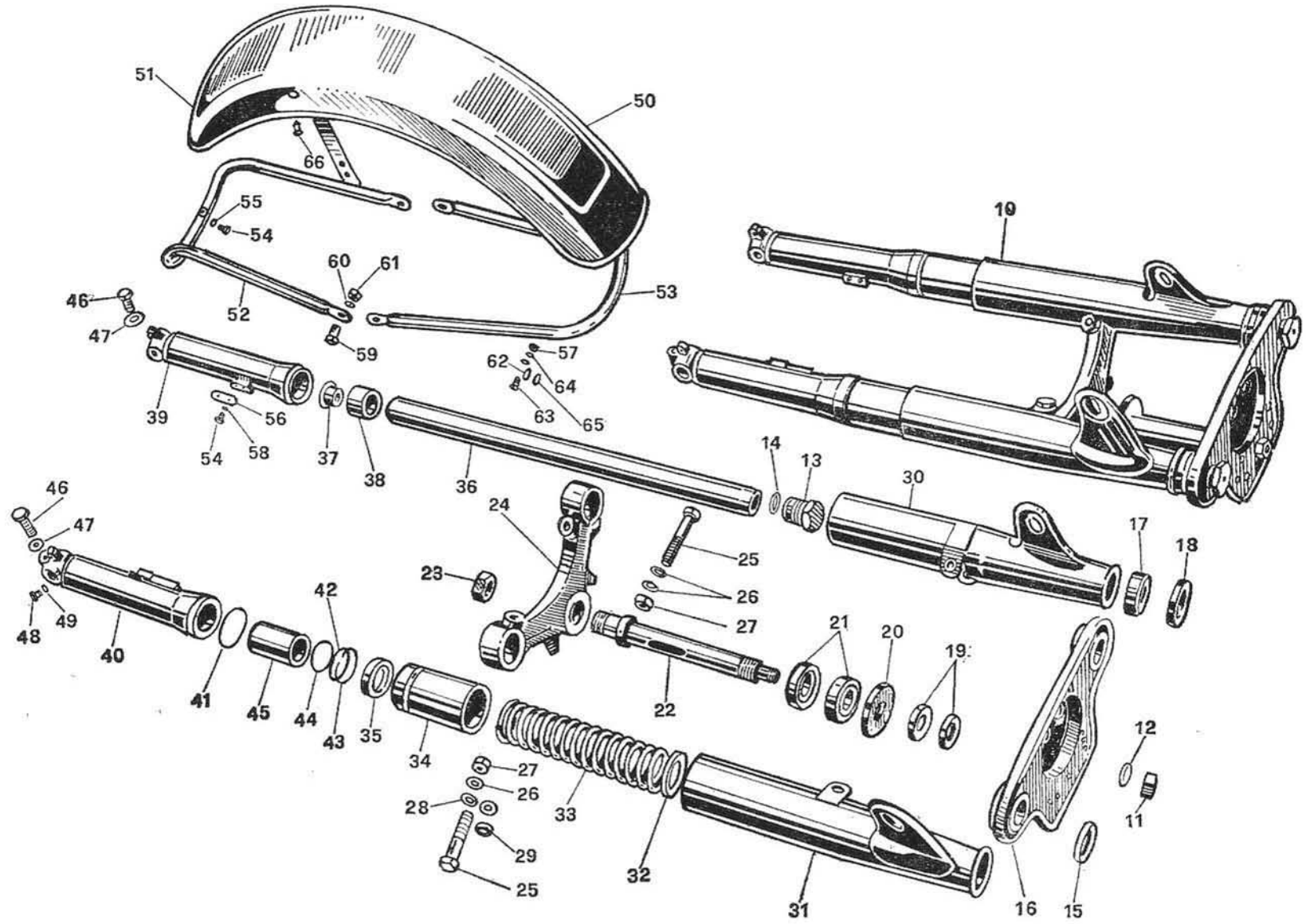




PLATE 12 MODEL: V-750 CC AMBASSADOR  
FRONT SUSPENSION - STEERING

GROUP: Front fork - Front fender - Steering

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
49	90 71 40 51	Washer, oil drain screw . . . . .	2	
50	12 43 43 20	Front fender . . . . .	1	
51	92 85 07 52	Decal, front fender . . . . .	1	
52	12 43 57 00	Stay, top, front fender . . . . .	1	
53	12 43 59 00	Stay, bottom, front fender . . . . .	1	
54	98 02 43 12	Screw, stay and center attachment plate . . . . .	8	
55	95 10 01 21	Washer, stay securing screws . . . . .	4	
56	55 43 48 25	Plate, center fender securing . . . . .	2	
57	92 60 24 06	Nut, eyelet securing screw . . . . .	1	
58	95 10 01 30	Washer, plate securing screws to fender . . . . .	4	
59	98 02 44 22	Screw, front fender to fork . . . . .	4	
60	95 02 11 08	Washer, front fork to fender screws . . . . .	4	
61	92 60 22 08	Nut, front fork to fender screws . . . . .	4	
62	55 43 65 25	Eyelet, cable guide . . . . .	1	
63	98 34 60 10	Screw, eyelet securing . . . . .	1	
64	95 02 11 06	Washer, spring, eyelet securing screw . . . . .	1	
65	12 74 94 00	Rubber ring, front brake guiding eyelet . . . . .	1	
66	93 10 00 60	Plug . . . . .	2	

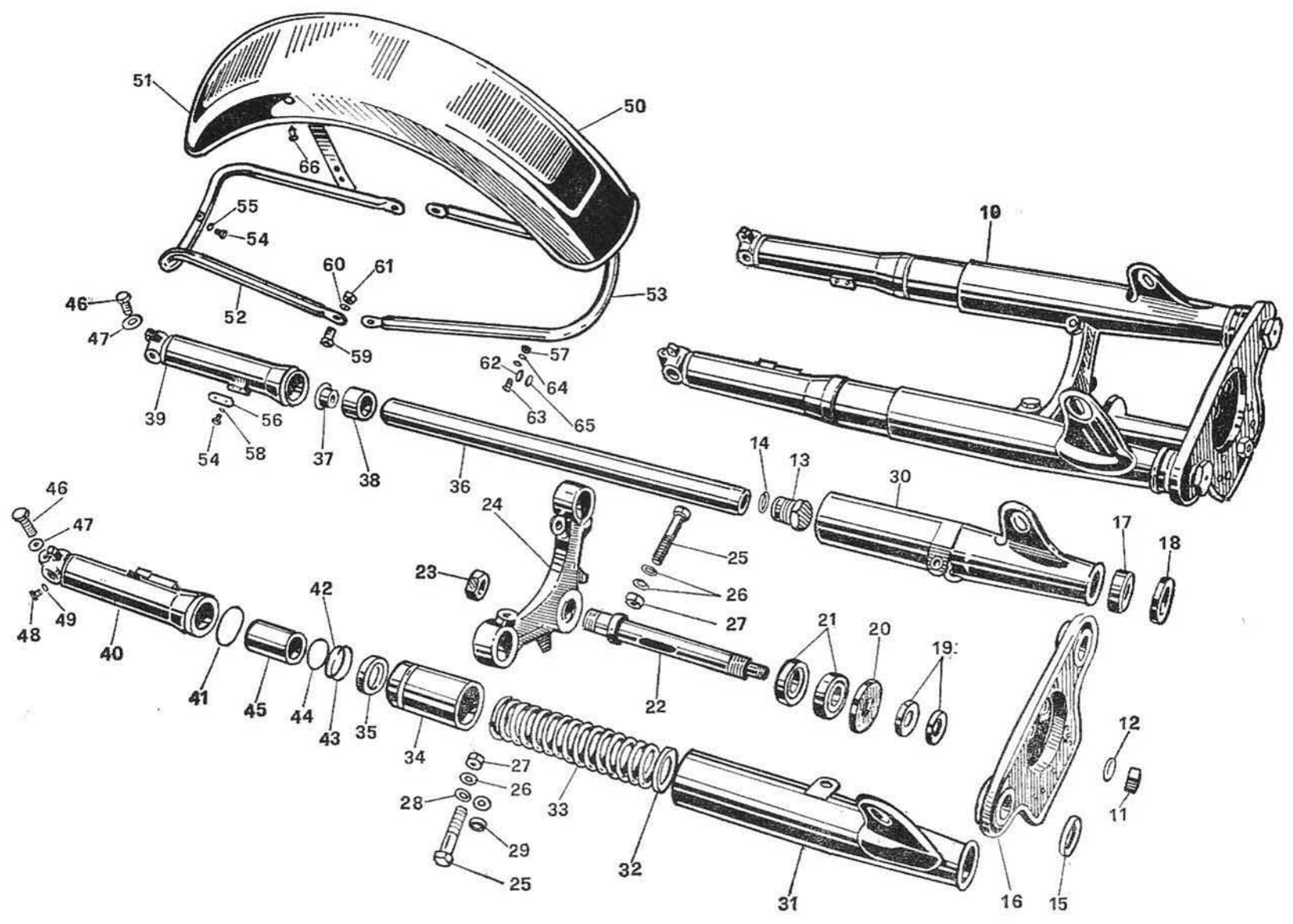




PLATE 13 MODEL: V-750 CC AMBASSADOR  
STEERING

GROUP: Handlebar & controls

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
10	12 60 01 01	Handlebar, c/w levers	1	
11	12 60 03 00	Handlebar, bare	1	
12	12 60 54 01	Lever, front brake, complete	1	
13	55 60 56 00	Lever, front brake, bare	1	
14	12 60 10 00	Fulcrum, front brake lever	1	
15	98 32 60 17	Screw, front brake and clutch lever	2	
16	95 02 11 06	Washer, spring, lever screws	2	
17	92 60 24 06	Nut, front brake and clutch levers	2	
18	95 79 02 37	Adjuster, cable, front brake and clutch	2	
19	93 76 00 72	Thimble, cable adjuster	2	
20	98 62 03 30	Allen screw, front brake lever fulcrum	1	
21	12 60 55 00	Lever, clutch, complete	1	
22	55 60 57 00	Lever, clutch, bare	1	
23	12 60 19 00	Fulcrum, clutch lever	1	
24	98 62 03 18	Allen screw, clutch lever to fulcrum	1	
25	55 60 35 00	Twist grip, throttle control, r/h	1	
26	55 60 34 00	Twist grip, bare	1	
27	55 60 30 00	Handgrip, rubber l/h handlebar	1	
28	12 11 80 00	Lever, air control	1	
29	98 10 70 17	Screw, air lever to front brake lever fulcrum	1	
30	91 18 07 07	Bushing, air lever screw	1	
31	12 50 02 40	Clamp, handlebar	2	
32	98 02 44 20	Screw, handlebar clamp	4	
33	95 02 11 08	Washer, clamp screws	4	
34	11 50 07 00	Screw, top clamp securing	4	
35	45 40 97 01	Plug, clamps	2	

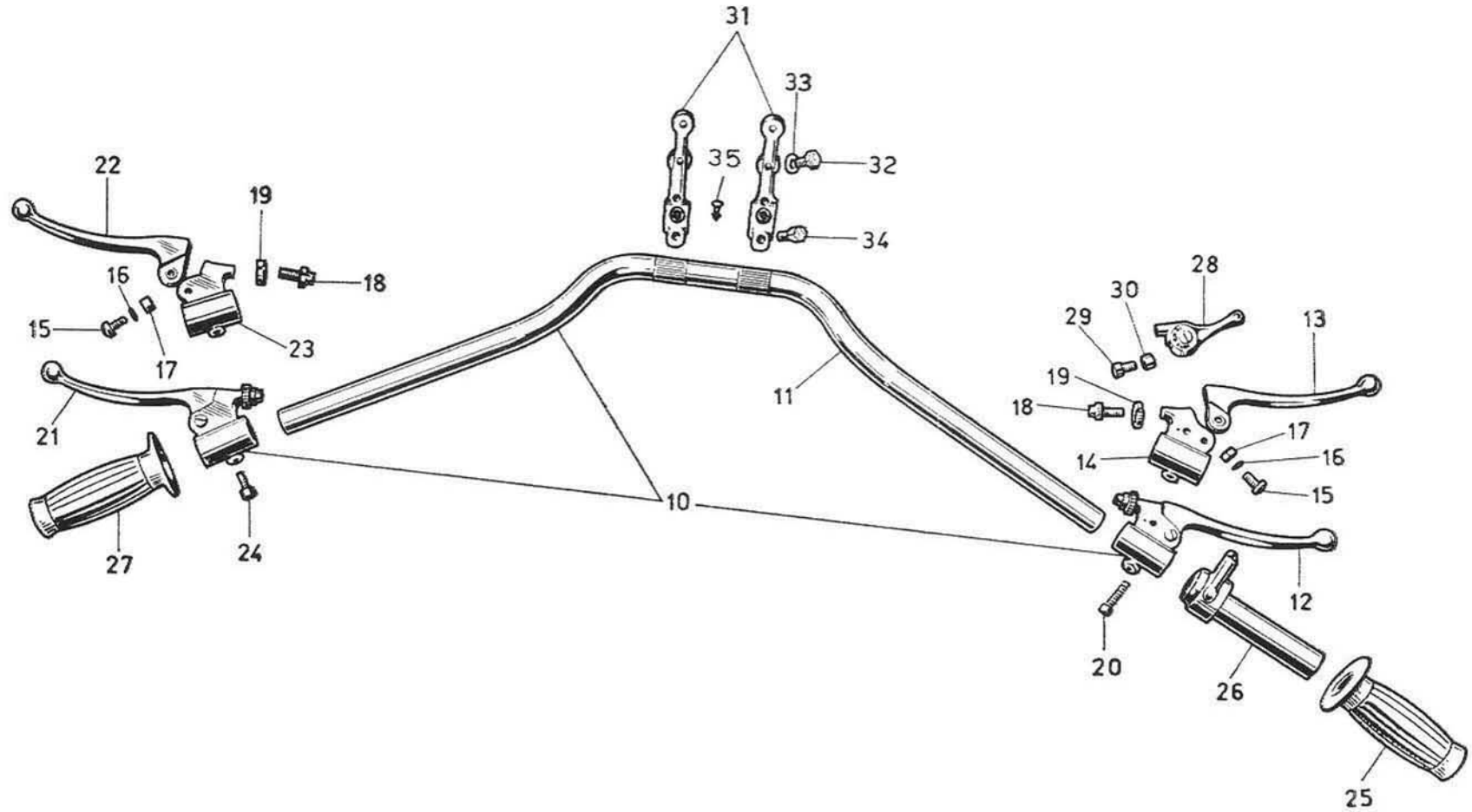




PLATE 14 MODEL: V-750 CC AMBASSADOR  
INSTRUMENTS

GROUP: Speedometer - Rev-counter - Warning lights -  
Connecting cables

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
10	13 50 15 00	Instrument panel . . . . .	1	
11	13 50 22 00	Rubber block, instrument panel . . . . .	3	
12	92 75 00 62	Nut, rubber block securing . . . . .	1	
13	95 10 01 30	Washer, rubber block . . . . .	3	
14	92 78 10 61	Nut, panel securing . . . . .	3	
15	13 76 15 21	Speedometer head . . . . .	1	
16	90 70 67 46	Gasket, speedometer . . . . .	2	
17	12 76 04 00	Cable, speedometer . . . . .	1	
18	12 76 25 00	Speedo drive, complete . . . . .	1	
19	12 76 33 00	Ferrule, speedo drive . . . . .	1	
20	12 76 61 00	Gear, speedo drive . . . . .	1	
21	13 76 72 00	Rev-counter, electronic . . . . .	1	
22	10 74 49 00	Neutral indicator light, amber . . . . .	1	
23	10 74 49 02	Indicator, generator and oil pressure, red . . . . .	2	
24	13 74 49 20	Indicator, parking light, red . . . . .	1	
25	13 76 10 00	Cable, red and amber indicator lights connection . . . . .	1	
26	13 76 11 00	Cable, neutral indicator to main cable . . . . .	1	
27	13 76 12 00	Cable, indicator F and main cable . . . . .	1	
28	13 76 13 00	Cable, indicator D and main cable . . . . .	1	
29	13 76 14 00	Cable, two-core, instruments illumination . . . . .	1	
30	13 76 73 00	Cable, ground, rev-counter . . . . .	1	
31	98 02 43 10	Screw, grounding . . . . .	1	
32	13 76 77 00	Cable, connecting, rev counter to contact breaker and rev-counter to coil . . . . .	4	
33	13 76 49 00	Plate, speedometer . . . . .	1	
34	13 76 78 00	Plate, rev-counter . . . . .	1	
35	12 76 16 20	Speedometer, single instrument panel . . . . .	1	
36	12 50 15 00	Panel, speedometer housing . . . . .	1	
37	98 62 03 25	Screw, short, panel securing . . . . .	1	
38	98 62 03 30	Screw, long, panel securing . . . . .	1	







PLATE 15 MODEL: V-750 CC AMBASSADOR

GROUP: Front wheel - Hub - Brake controls

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
10	12 61 02 00	Front wheel, complete	1	
11	12 61 03 00	Front wheel, bare, with bearings	1	
12	12 61 08 00	Rim, front wheel	1	
13	12 61 15 01	Spoke, front wheel, c/w nipples	40	
14	12 61 32 00	Hub, front wheel	1	
15	92 70 01 71	Nut, front wheel spindle	1	
16	95 10 06 28	Washer, front wheel spindle	2	
17	12 61 41 00	Spindle, front wheel	1	
18	12 62 02 00	Cover, rear hub	1	
19	12 62 08 00	Brake shoe, c/w linings	2	
20	12 62 14 00	Lining, brake shoe	2	
21	95 10 07 27	Shim	6 ÷ 12	
22	12 62 63 00	Rubber protection, cable end	1	
23	12 63 81 00	Spring, front brake shoe	2	
24	12 62 32 00	Pin, brake shoes	2	
25	95 10 03 11	Washer, brake shoe pins	2	
26	92 60 22 10	Nut, brake shoe pins	2	
27	12 62 25 00	Cam, front brake shoes	2	
27/1	13 62 54 20	Cable, front brake	1	
28	12 62 53 00	Lever, cam, double action	1	
29	12 62 50 00	Lever, brake cam	1	
30	98 10 60 22	Bolt, lever to cams	2	
31	12 62 66 00	Tie rod, c/w forks for operating levers	1	
32	12 62 67 00	Tie rod	1	
33	12 62 68 00	Fork, tie rod	2	
34	92 60 22 06	Nut, adjusting, tie rod	1	
35	95 78 02 65	Pin, rod to operating lever	2	
36	95 50 02 22	Split pin tie rod to control levers	2	
37	95 12 91 10	Washer, lever pin	2	
38	12 62 15 00	Hub cover, r/h	1	
39	90 40 32 49	Seal, hub	2	Corteco 32.48.7 BA
40	12 61 52 00	Bush, bearing housing	2	
41	92 24 69 22	Bearing, roller	2	22x48x15.5 (RIV 01/02/4210)
42	95 10 07 15	Shim	1	
43	12 61 53 00	Distance piece, bearings	1	

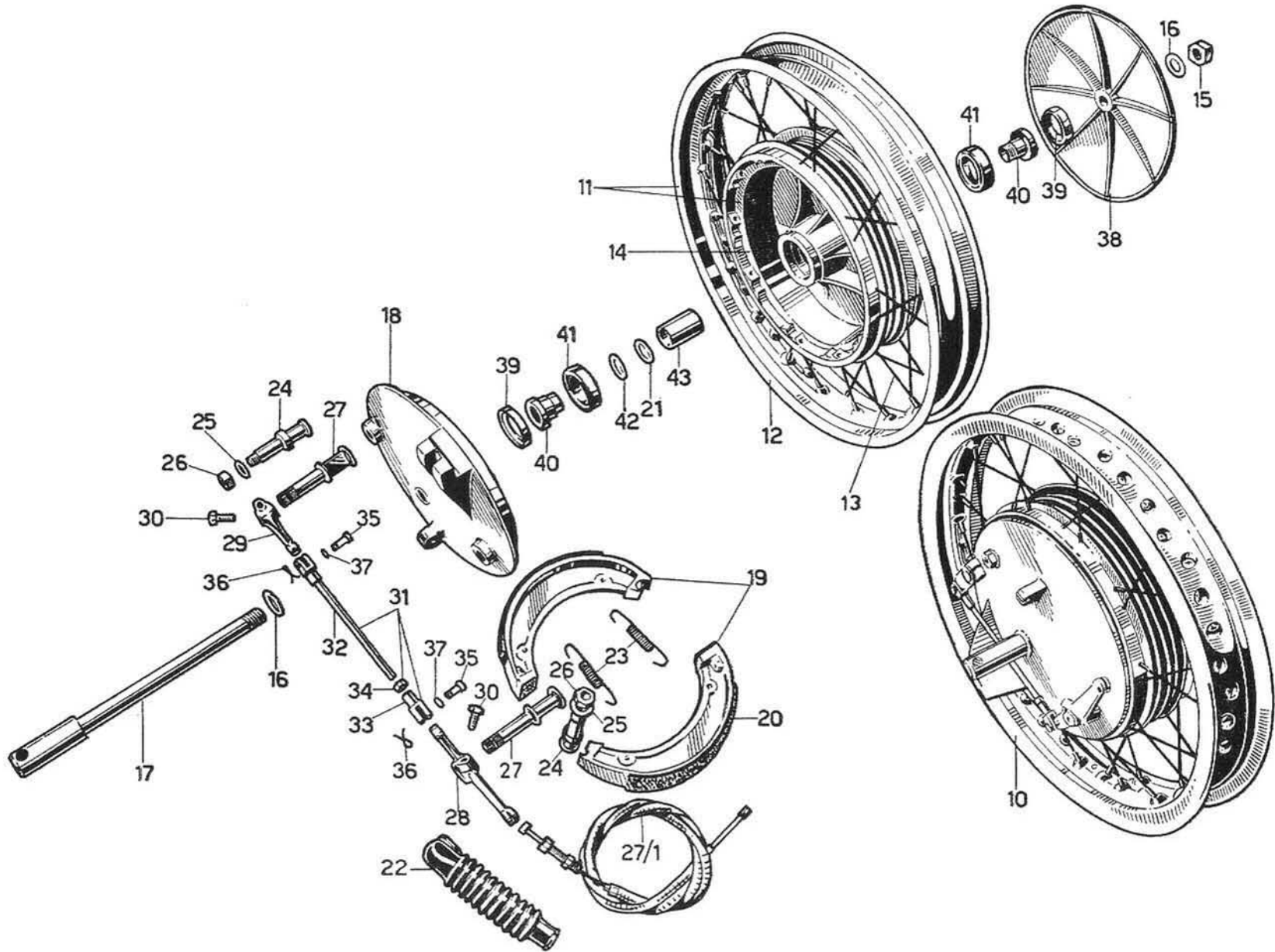




PLATE 16 MODEL: V-750 CC AMBASSADOR

GROUP: Rear wheel - Hub - Rear brake - Control

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
10	12 63 02 01	Rear wheel, complete	1	
11	12 63 05 00	Rear wheel, c/w bearings	1	
12	12 61 08 00	Rim, rear wheel	1	
13	12 61 15 01	Spoke, rear wheel	40	
14	12 63 30 00	Hub, rear wheel	1	
15	92 70 01 71	Nut, rear wheel spindle	1	
16	95 10 06 28	Washer, rear wheel spindle	2	
17	12 63 33 00	Spindle, rear wheel	1	
18	12 63 41 00	Spacer, rear wheel spindle	1	
19	12 63 52 01	Cover, rear hub	1	
20	12 63 74 00	Shoe, rear brake, c/w linings and plates	2	
21	12 62 14 00	Lining, rear brake shoes	2	
22	12 63 82 00	Spring, rear brake shoes	2	
23	12 63 62 01	Pin, rear brake shoes	1	
24	95 10 05 21	Washer, rear brake shoes	1	
25	92 70 11 48	Nut, shoe pin	1	
26	12 63 66 00	Tie rod, rear hub cover	1	
27	95 02 11 10	Washer, rear hub cover rod	3	
28	92 60 22 10	Nut, rear hub cover rod	3	
29	98 11 00 20	Screw, tie rod securing to rear fork	1	
30	98 05 25 50	Screw, hub cover securing	1	
31	12 62 25 00	Cam, rear shoes control	1	
32	12 63 96 01	Lever, cam operating	1	
33	98 10 60 22	Screw, lever to cam	1	
34	95 73 02 60	Thumb screw, rear brake adjusting rod	1	
35	95 71 63 67	Roller, lever, on rear hub cover	1	
36	95 50 02 22	Split pin, tie rod to shoe pin	1	
37	95 10 01 37	Washer, tie rod to lever	1	
38	12 67 60 01	Tie rod, rear brake control	1	
39	12 67 54 05	Spindle, c/w lever	1	
40	12 67 70 05	Lever, rear brake control	1	
41	98 05 44 25	Screw, rear brake lever to spindle	1	
42	12 67 65 05	Lever, rear brake spindle	1	
43	98 05 23 30	Screw, lever to spindle	1	
44	95 02 11 06	Washer, lever securing screw	1	
45	92 60 22 06	Nut, lever securing screw to pin	1	
46	90 27 10 14	Circlip, pin retaining	1	
47	92 60 50 08	Nut, central body securing bolt	6	Seeger 14 e
48	95 10 12 31	Washer, central body bolt	6	
49	98 10 80 38	Bolt, central body securing	6	
50	12 63 32 00	Central body	1	
51	90 40 32 49	Seal	2	Corteco 32.48.77 BA

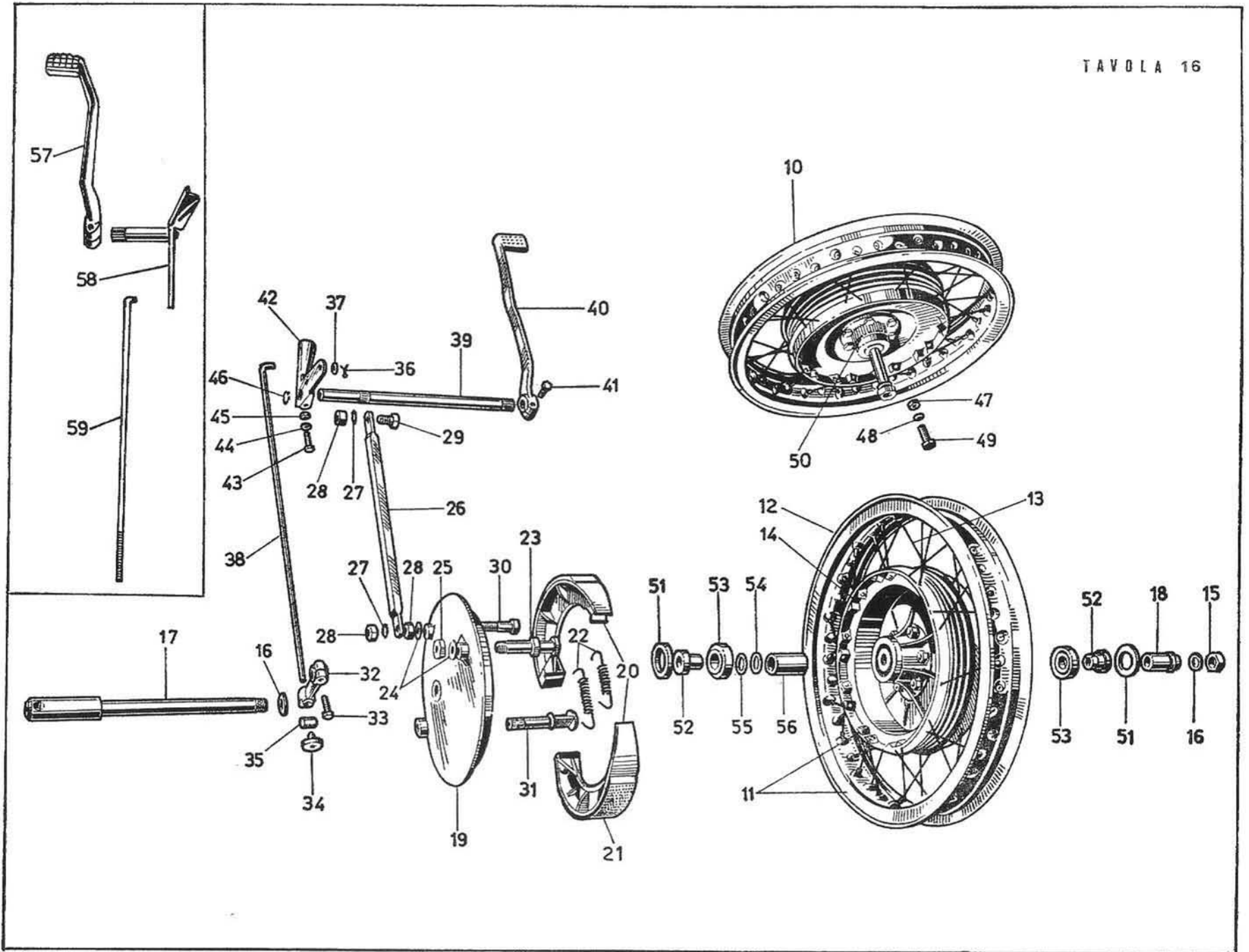




PLATE 16 MODEL: V-750 CC AMBASSADOR

GROUP: Rear wheel - Hub - Rear brake - Control

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
52	12 61 52 00	Housing, taper roller bearing . . . . .	2	22x48x15.5 (RIV01-02-4210)
53	92 24 69 22	Bearing, taper roller, hub . . . . .	2	
54	95 10 07 15	Washer, bearing-spacer . . . . .	2	
55	12 63 40 00	Washer . . . . .	6-12	
56	95 10 07 27	Spacer, hub bearings . . . . .	1	
<b>FOR MACHINES WITH REAR BRAKE PEDAL ON L/H SIDE :</b>				
57	12 67 70 00	Lever, rear brake . . . . .	1	
58	12 67 65 00	Spindle, c/w lever . . . . .	1	
59	12 67 60 00	Tie rod, rear brake . . . . .	1	

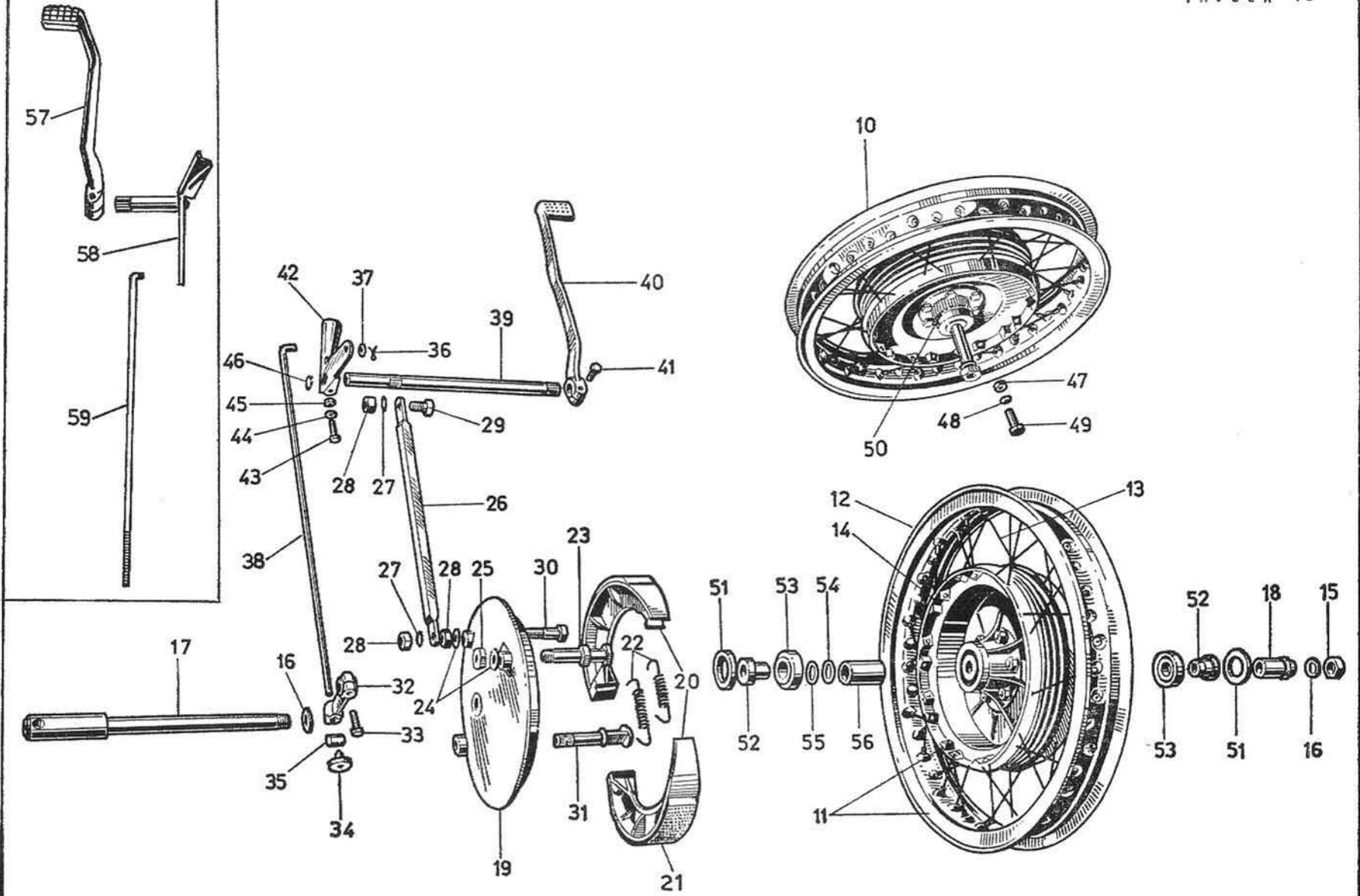




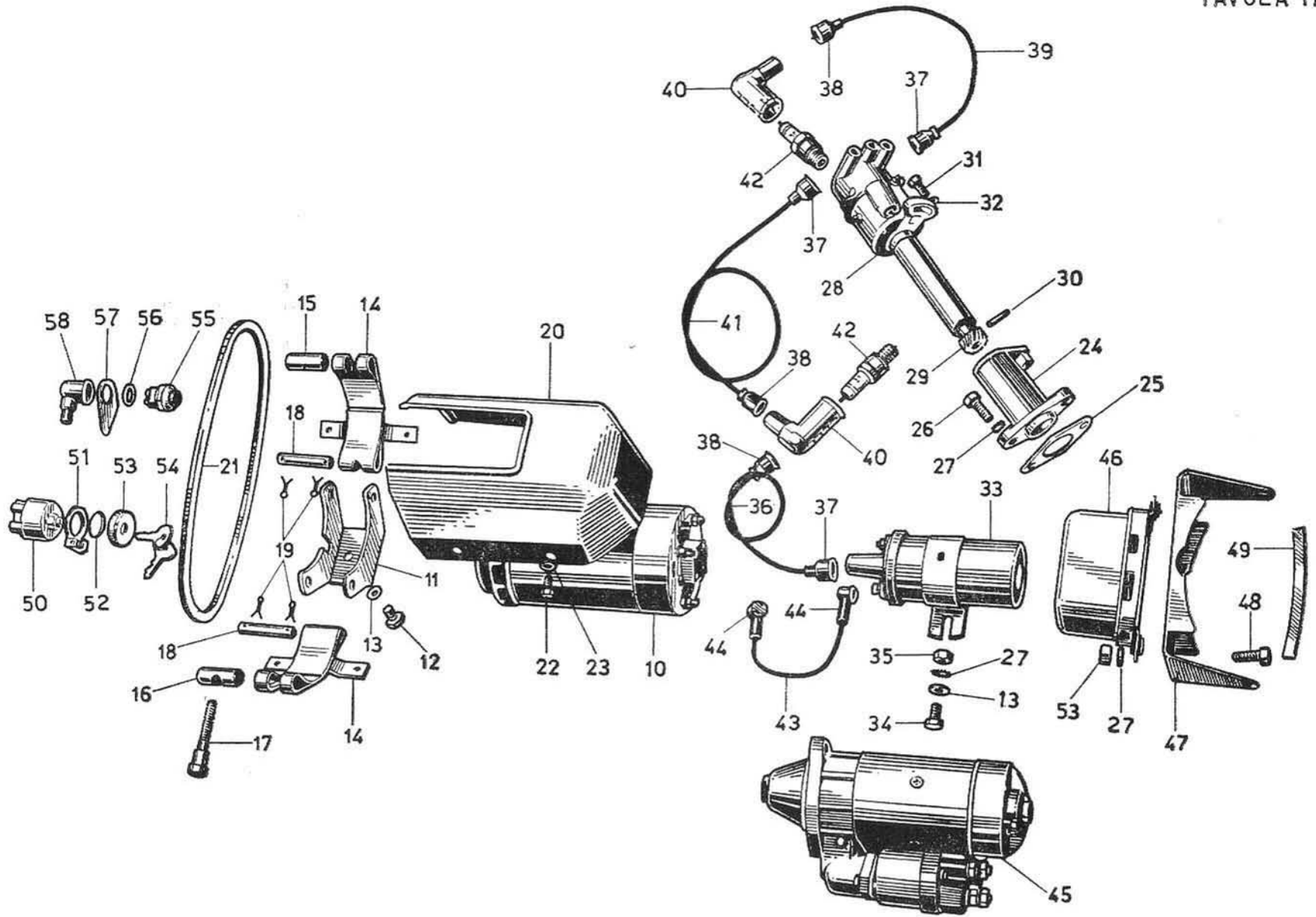
PLATE 17 MODEL: V-750 CC AMBASSADOR  
ELECTRICAL EQUIPMENT

GROUP: Ignition and lighting

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
10	12 70 02 00	Generator (Marelli DN 62M)	1	
10/1	12 70 02 05	Generator (Bosch G 14V - 25 A - 23)	1	
11	12 70 03 00	Bracket, generator	1	
12	98 02 44 20	Screw, generator bracket	2	
13	95 02 11 08	Washer, generator bracket screw, coil and horn screws	5	
14	12 70 07 00	Band, generator	2	
15	95 71 62 80	Roller, band, threaded	1	
16	95 71 63 80	Roller, band, unthreaded	1	
17	99 10 51 27	Screw, band securing	1	
18	12 70 09 00	Pin, band securing	2	
19	95 50 02 22	Split pin, band securing pin	4	
20	12 70 06 10	Cover, generator	1	
21	12 70 25 00	Belt, Marelli generator (Pirelli 60404/A)	}	1
21/1	12 70 25 05	Belt, Bosch generator (Pirelli 18 x 8 x 754)		
22	98 10 60 09	Screw, generator cover	4	
23	95 10 01 30	Washer, generator cover and starter button screws	5	
24	12 71 57 00	Bracket, regulator	1	
25	12 71 59 00	Gasket, distributor bracket	1	
26	98 05 44 25	Screw, distributor bracket	1	
27	95 10 12 31	Washer, regulator bracket, coil and distributor bracket screws	6	
28	12 71 54 00	Distributor (Marelli S 123 A)	1	
29	12 71 62 00	Gear, distributor	1	
30	95 51 03 18	Pin, distributor gear fixing	1	
31	98 10 60 21	Screw, distributor	1	
32	95 10 01 37	Washer, distributor screw	1	
33	12 71 65 00	Coil, ignition (Marelli BE 200 D)	}	1
33/1	26 71 65 04	Coil, ignition (Bosch 0221.114.006-E12V)		
34	98 02 44 12	Screw, coil securing	2	
35	92 60 22 08	Nut, regulator to bracket and coil and horn securing screws	5	
36	12 71 78 01	H.T. lead, distributor to coil	1	
37	12 71 76 00	Cap, h.t. coil	1	
38	45 71 76 00	Cap, distributor-coil-plug and oil pressure solenoid leads	4	
39	12 71 84 00	H.T. lead, distributor to r/h plug	1	
40	45 71 74 50	Cap, spark plug	2	
41	12 71 86 00	H.T. lead, distributor to l/h plug	1	
42	55 71 70 00	Spark plug (n. 225 Bosch-Marelli scale or equivalent)	2	
43	12 71 93 00	L.T. lead, distributor to coil	1	
44	12 70 29 00	Cap, small	2	
45	12 73 07 01	Starter motor (Marelli MT 40 H-0.7 HP-12V), with remote solenoid	}	1
45/1	12 73 07 05	Starter motor (Bosch 0.5 HP - 12V)		
46	12 73 10 00	Ground cable, starter motor	1	
46	12 70 38 01	Regulator (Marelli IR 50 BA)	}	1
46	12 70 38 05	Regulator (Bosch VA 14 V - 25 A)		



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**PLATE 17 MODEL: V-750 CC AMBASSADOR  
ELECTRICAL EQUIPMENT**

**GROUP: Ignition and lighting**

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
47	12 70 41 00	Bracket, regulator . . . . .	1	
48	98 02 44 22	Screw, regulator bracket . . . . .	2	
49	12 70 42 00	Washer, regulator bracket . . . . .	1	
50	12 73 53 00	Switch, ignition (Marelli « 25 A » - Q 161B) . . . . .	1	
51	12 73 57 50	Cover, ignition switch . . . . .	1	
52	90 70 62 52	Washer, ignition switch . . . . .	1	
53	12 73 54 00	Lock ring, ignition switch . . . . .	1	
54	12 73 55 00	Key, ignition switch . . . . .	2	when ordering indicate key number
55	26 73 50 01	Starter button . . . . .	1	
56	90 70 61 63	Washer, starter button . . . . .	1	
57	12 73 49 00	Plate, starter button . . . . .	1	
58	12 73 51 00	Cap, button protection . . . . .	1	
59	92 60 22 06	Nut, starter button plate . . . . .	1	

TAVOLA 17

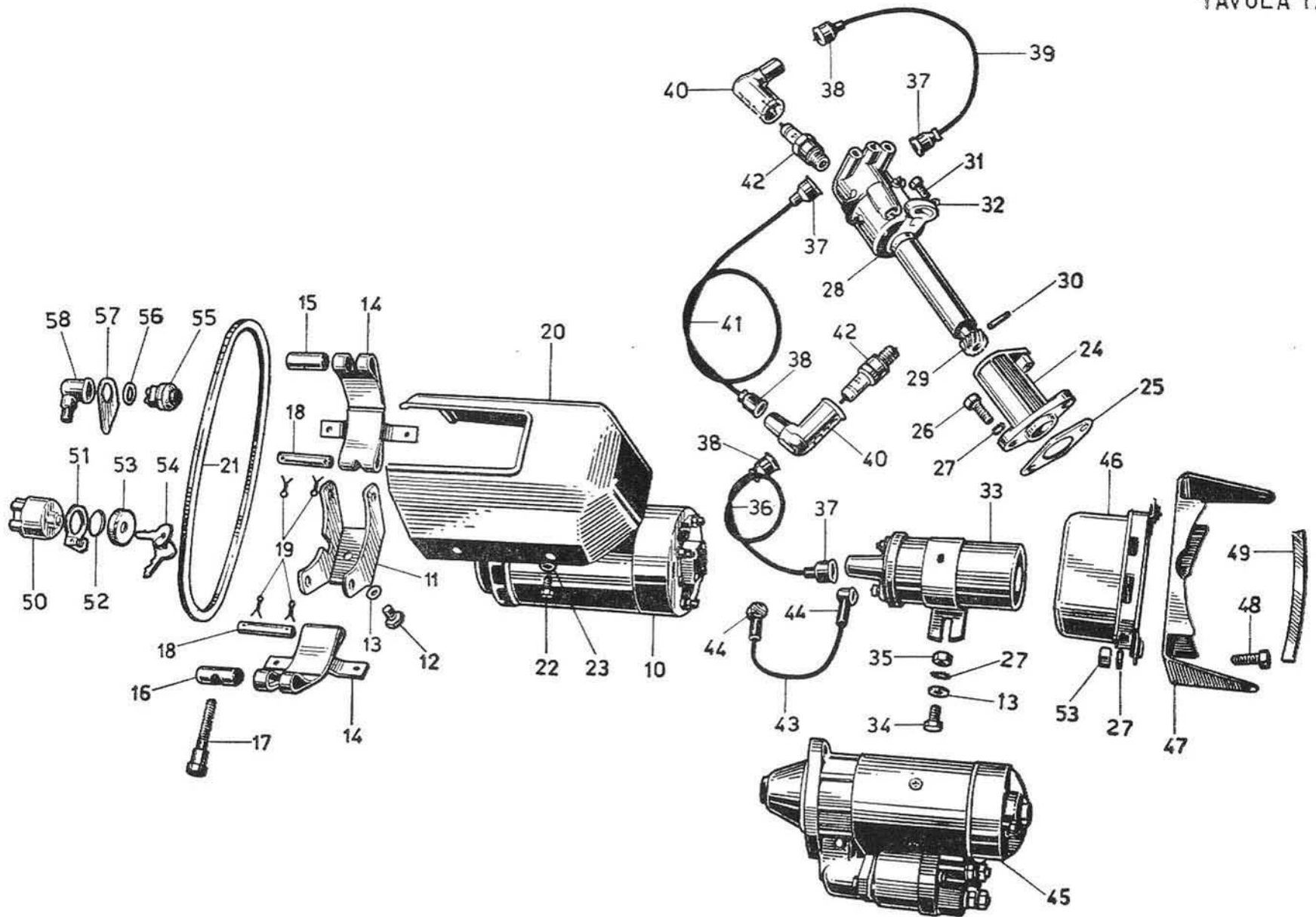




PLATE 18 MODEL: V-750 CC AMBASSADOR  
ELECTRICAL EQUIPMENT

GROUP: Headlight - Battery - Horn - Tail light -  
Control cables

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
10	12 74 05 21	Headlight, c/w switch	1	CEV mod. 4506
11	12 74 60 01	Switch, light, c/w cables	1	
12	12 74 37 00	Horn (Marelli T 12 DE/F)	1	
13	98 62 04 20	Screw, horn securing	1	
14	92 60 22 08	Nut, horn securing screw	1	
15	95 02 11 08	Washer, horn securing screw	1	
16	25 70 45 00	Battery (12 V - 32 Ah)	1	
17	12 70 56 00	Gasket, battery	1	
18	12 70 46 01	Frame, top battery securing	1	
19	12 70 55 00	Stud, top frame securing	2	
20	92 60 22 06	Nut, battery rame and number plate stud	5	
21	95 10 01 30	Washer, battery and number plate stud	8	
22	13 70 52 00	Cover, battery, r/h	1	
22/1	13 70 52 20	Cover, battery, finned, r/h	1	
23	13 70 54 00	Cover, battery, l/h	1	
24	13 91 78 00	Decal, « Ambassador »	2	
24/1	13 70 54 20	Cover, battery, l/h, finned	1	
25	12 43 30 00	Rubber ring	1	
26	13 70 66 00	Thumb screw, cover closing	2	
27	13 70 73 00	Pad, rubber	2	
28	12 74 94 00	Ring, rubber on linking plate	2	
29	91 55 10 81	Grommet, horn	1	
30	12 70 68 00	Grommet	4	
31	35 74 11 00	Stop cutout	1	
32	98 30 50 17	Screw, stop cutout	2	
33	95 10 00 55	Washer, stop cutout screws	2	
34	92 70 00 50	Nut, stop cutout screws	2	
35	12 47 49 21	Number plate c/w tail light	1	
36	93 45 02 24	Bulb, tail light (20 W - 12 V)	1	
37	98 02 43 10	Screw, bottom, number plate	3	
38	12 71 76 00	Cap, oil pressure solenoid	1	
39	26 70 67 00	Cap, battery cable	1	
40	12 70 30 00	Cap, large	2	
41	25 70 71 00	Cap	1	
42	12 74 71 02	Main cable assembly, Marelli equipment	1	
43	12 74 72 00	Cable assembly, instrument panel to headlight	1	
44	12 74 77 00	Cable, grounding	1	
45	12 74 74 20	Connections, internal, headlight	1	
46	12 74 75 01	Cable, stop lamp to stop cutout	1	
47	12 74 79 00	Cable, from battery	1	
48	12 70 03 21	Rim, headlight	1	
49	12 74 04 21	Sealed beam unit	1	
50	12 74 17 21	Rim, tail lamp	1	
51	13 91 78 20	Decal, V-750 Ambassador	2	
52	13 91 79 00	Decal, lower	2	

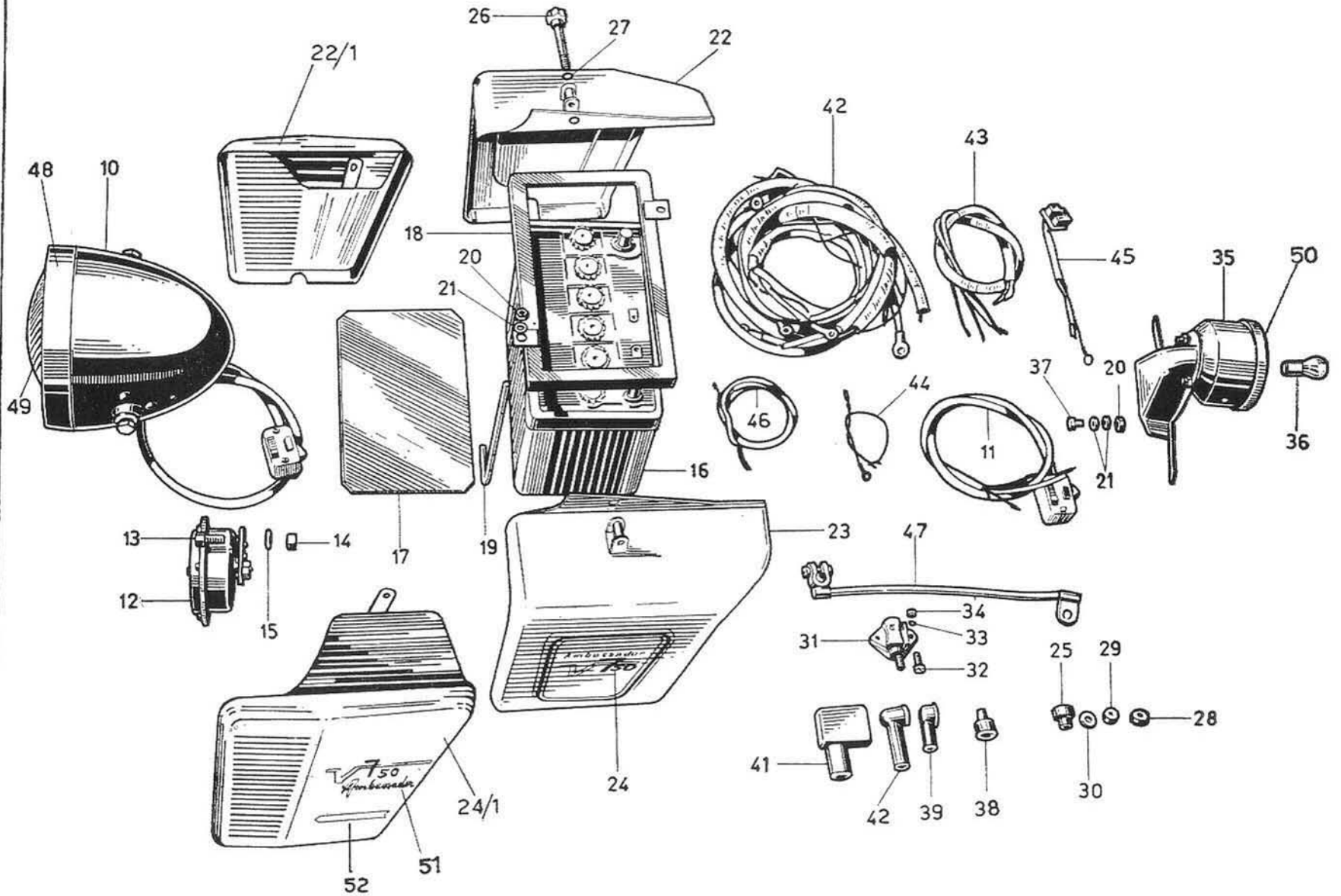




PLATE 19 MODEL: V-750 CC AMBASSADOR  
ELECTRICAL EQUIPMENT

GROUP: Distributor

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
—	12 71 54 00	Distributor S 123 A, complete . . . . .	1	61012301
1	12 71 54 10	Housing with bushings . . . . .	1	70411204
2	12 71 54 11	Bakelite washer . . . . .	2	95012194
3	12 71 54 12	Flat washer . . . . .	1	95005214
4	12 71 54 13	Automatic advance ass. y . . . . .	1	71023702
5	12 71 54 14	Spacer . . . . .	1	95210156
6	12 71 54 15	Shim (0,1 mm.) . . . . .	as required	90059111
	12 71 54 16	Shim (0,2 mm.) . . . . .	as required	90059121
	12 71 54 17	Shim (0,5 mm.) . . . . .	as required	90059131
7	12 71 54 18	Driving pinion . . . . .	1	71093810
8	12 71 54 19	Pinion securing peg . . . . .	1	90027061
9	12 71 54 20	Contact breaker unit, complete . . . . .	1	70412101
10	12 71 54 21	Condensor CE 29 D . . . . .	1	56181103
11	12 73 07 60	Spring washer . . . . .	1	90024005
12	12 71 54 23	Condensor fixing screw . . . . .	1	90028031
13	12 71 54 24	Cap securing spring . . . . .	2	74327871
14	12 71 54 25	Cap spring fixing screw . . . . .	2	95131104
15	12 71 54 26	Terminal bolt . . . . .	1	91215101
16	12 71 54 27	Insulating plate . . . . .	1	91024001
17	12 71 54 28	Insulating block . . . . .	1	91023002
18	12 71 54 29	Flat washer . . . . .	2	90058352
19	12 73 07 23	Spring washer . . . . .	2	90024006
20	12 71 54 30	Terminal nut . . . . .	2	95055026
21	12 71 54 31	Distributor rotor . . . . .	1	70189503
22	12 71 54 32	Distributor cap . . . . .	1	71037202
23	12 71 54 33	Carbon brush . . . . .	1	91066001
24	12 71 54 34	Seal . . . . .	1	95207109
24/1	12 71 54 35	Shaft . . . . .	1	71023802
25	12 71 54 36	Advance weight . . . . .	2	71090010
26	12 71 54 37	Ball retaining spring . . . . .	1	95226115
27	12 71 54 38	Ball . . . . .	1	95163101
28	12 71 54 39	Cam . . . . .	1	71093301
29	12 71 54 40	Cam retaining screw . . . . .	1	95114202
30	12 71 54 41	Cam felt pad . . . . .	1	95200127
31	12 71 54 42	Weight spring, 8 coils . . . . .	1	95128044
	12 71 54 43	Weight spring, 9 coils . . . . .	1	95205175
32	12 71 54 44	Plate complete with pin . . . . .	1	70412201
33	12 71 54 45	Contact breaker set . . . . .	1	71006701
34	12 71 54 46	Fixed point plate screw . . . . .	1	95086108

Tavola 19

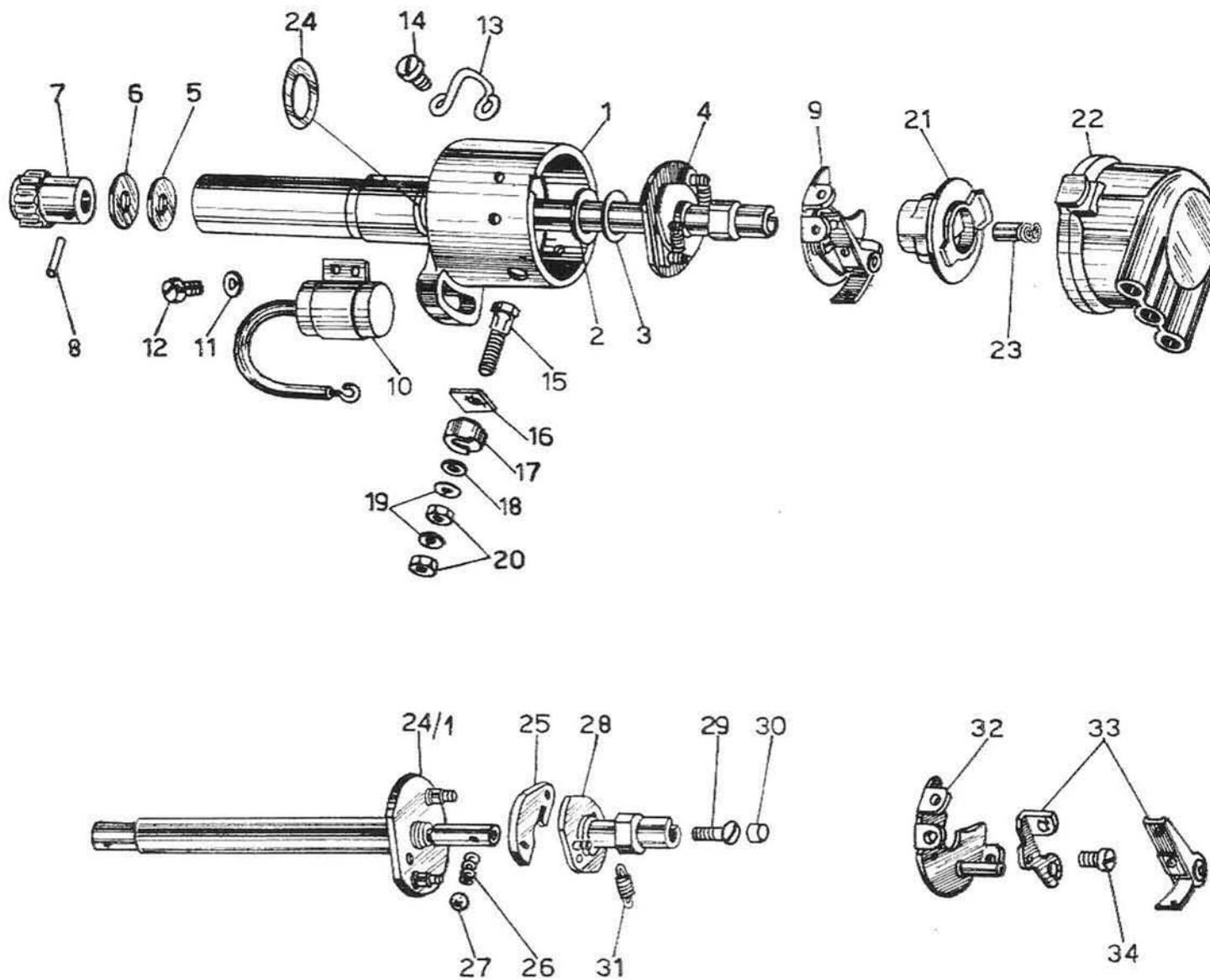




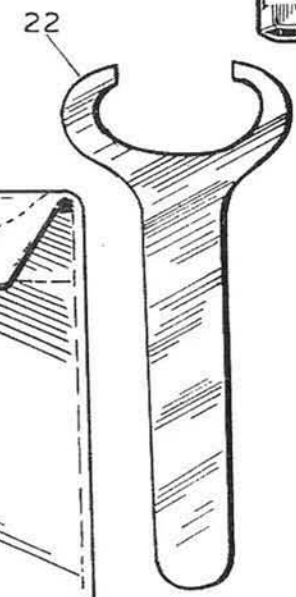
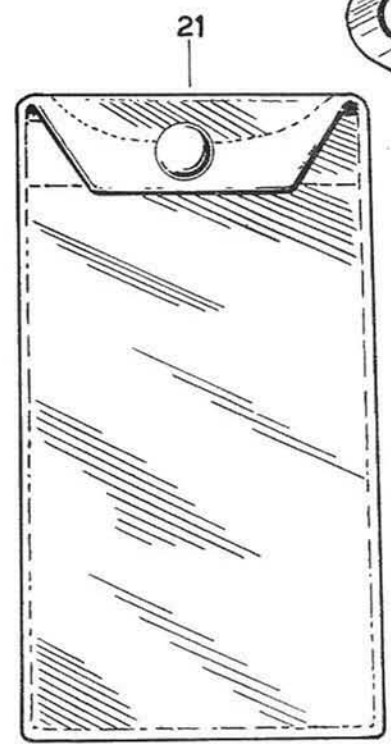
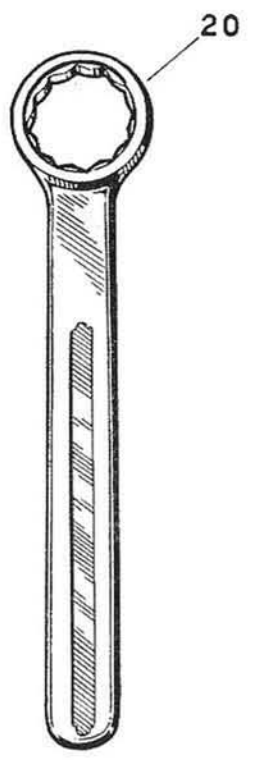
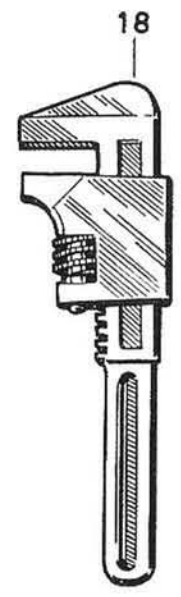
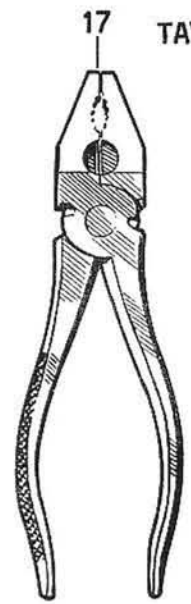
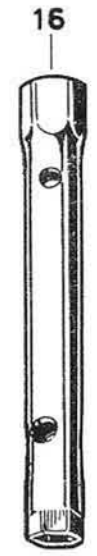
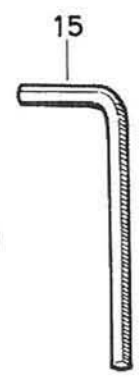
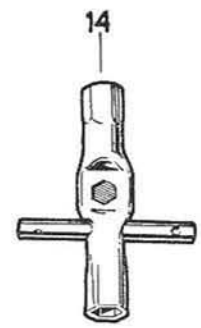
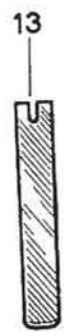
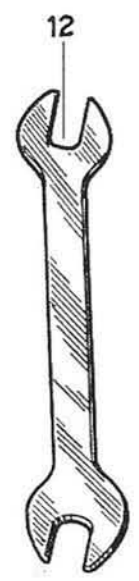
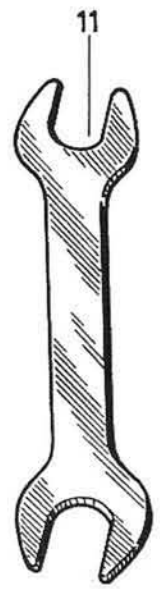
PLATE 20 MODEL: V-750 CC AMBASSADOR  
TOOL KIT

GROUP: Tool kit and gasket sets

Figure No.	Order No.	DESCRIPTION	Quantity	Notes
10	55 90 19 00	Wrench, box 19/21/22 mm.	1	
11	12 90 10 00	Wrench, open ended, 17/19 mm.	1	
12	12 90 08 00	Wrench, open ended, 10/11 mm.	1	
13	55 90 04 00	Wrench, open ended, tappet adjusting	1	
14	25 90 21 00	Wrench, box, 8/9	1	
15	55 90 24 00	Allen key, 5 hex	1	
16	25 90 20 00	Wrench box, 10/14 mm.	1	
17	25 90 55 00	Pliers, universal	1	
18	25 90 56 00	Wrench, adjustable	1	
19	55 90 50 00	Screwdriver	1	
20	12 90 11 00	Wrench, ring, 27 mm.	1	
21	12 91 45 00	Tool bag	1	
22	12 91 27 00	Wrench, damper adjusting tool	1	
23		Instruction booklet	1	
A	13 99 90 00	Gasket set	1	
		12 02 37 00 13 02 08 00 12 01 18 00	1	
		12 00 12 00 12 00 36 00 12 15 91 00	1	
		12 15 32 00 12 00 76 00 12 20 11 00	1	
		12 20 15 00 12 20 77 00 12 35 26 00	1	
		12 35 29 00 12 35 07 00 12 71 59 00	1	
B	12 99 95 00	Seal set	1	
		90 40 38 50 90 40 53 68 90 40 25 35	1	
		90 40 70 85 90 40 35 50 90 40 30 40	1	
		90 40 38 50 90 40 32 49	2	



TAVOLA 20



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