

Steyr-Daimler-Puch (Great Britain) Ltd.

Steyr-Puch House
211 Lower Parliament Street
Nottingham NG1 1FZ
ENGLAND

Telephone: Nottingham (0602) 56 5 21
Telex 37197 Parts "Hot Line" 50 6 42



UNITED KINGDOM

3-SPEED HAND CONTROLLED

ALPINE

[X 50-3]

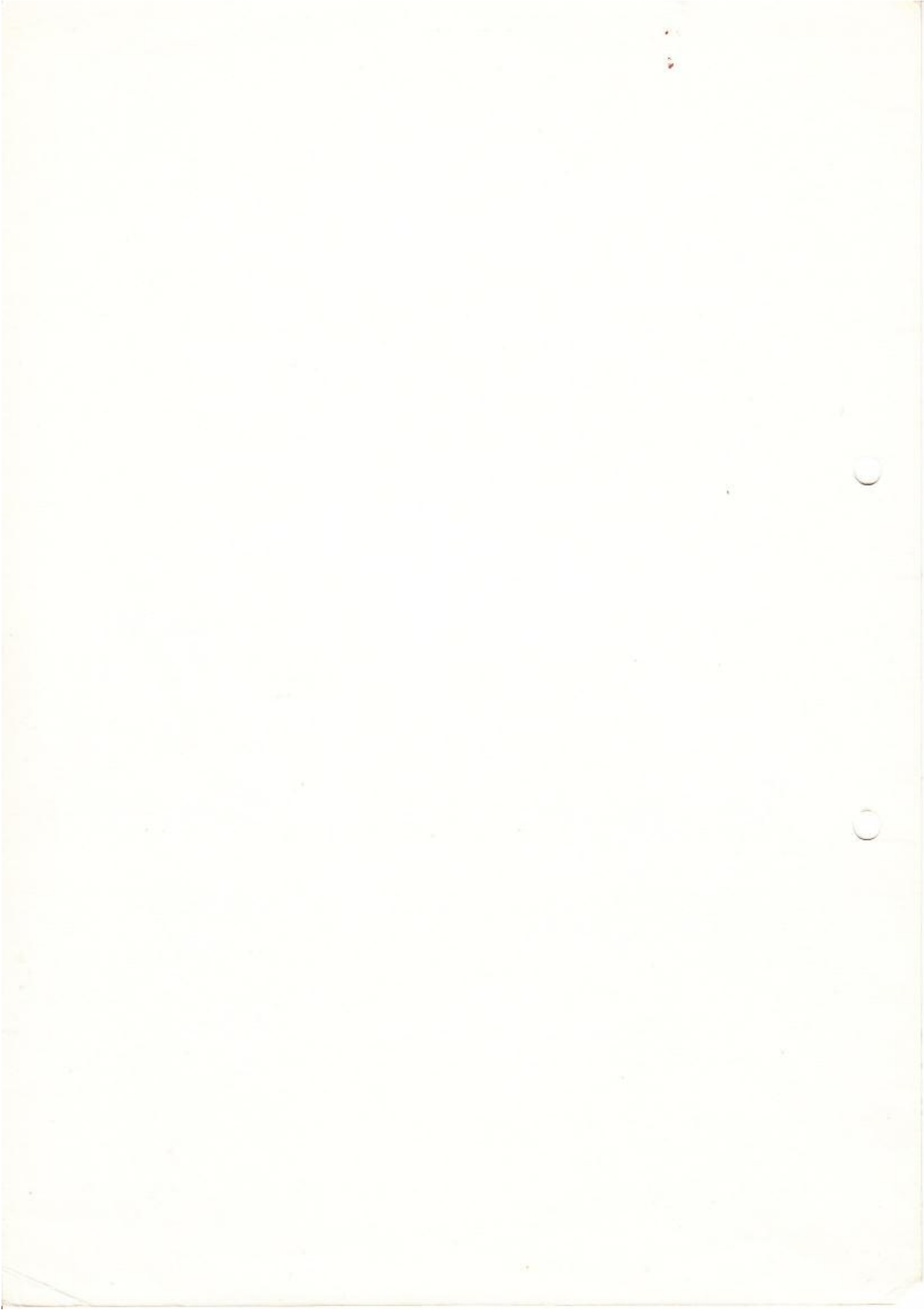
Spare-Parts Catalogue

Edition June 1980

X 50/E

1/80

907.1.71.674.4
Printed in Austria



C O N T E N T S

ENGINE	1. CRANKCASE
	2. CYLINDER, CRANKSHAFT
	3. CLUTCH
	4. GEARBOX
	5. STARTER MECHANISM, CRANKS, PEDALS
	6. GEARSHIFT
	7. CARBURETOR
	8. INTAKE SILENCER
	9. EXHAUST
	10. GENERATOR
CHASSIS	11. FUEL TANK, FUEL TAP
	12. FRAME, SINGLE SEAT, LININGS, PROP STAND
	13. MUDGUARD
	14. PIVOTED FORK, SHOCK ABSORBER
FORK	15. FRONT FORK WITH STEERING
	16. HANDLEBAR AND CONTROLS
	17. CABLES
ROAD WHEELS	18. FRONT WHEEL (cast alloy type with screwed-in hub)
	18a. FRONT WHEEL (wire spoke)
	19. REAR WHEEL, (cast alloy type with screwed-in hub) DRIVING CHAIN
	19a. REAR WHEEL (wire spoke) DRIVING CHAIN
ELECTRICAL EQUIPMENT	20. COCK-PIT, SPEEDOMETER DRIVE
	21. HEADLAMP, TAIL-LIGHT, HARNESS
ACCESSORIES	22. TOOLS, PAINT STIK AND SPRAY

The content of the present manual is not obliged for delivery and equipment of vehicle.

Puch X 50-3 United Kingdom



PUCH X 50 - 3 (wire spoke without turn signal lamps). VIEW L. H.
(model-no. 64.31.45.1)



PUCH X 50 - 3 (cast alloy type)
(model-no. 64.31.45.0)

VIEW R. H.

A/54/06
3/80

Puch X 50-3 United Kingdom



PUCH X 50 - 3 (cast alloy type)
(model-no. 64.31.45.0) VIEW L. H.

These models are available in the following colours:

transparent blue	P 5051 T	colour code number	73
red (Fiat-red)	P 3057	colour code number	46
silver	R 9006	colour code number	90
satin black	GR 9005	colour code number	E3

When ordering laquered parts, please do not forget to state the matching colour code number along with the spare-part-number

e.g. 321.1.22.400.2 / **73**
spare-part-number for fuel tank colour-code-number
for transparent blue

I M P O R T A N T

To get a quick and correct shipment of your spare parts orders following statements are necessary:

1. Exact description of vehicle
2. Engine no.
3. Spare parts no.
4. Description
5. Colour
6. Required quantity
7. Wanted way of delivery

Beside this our general terms of sale and delivery are valuable.

Please direct your orders to:

place for stamp

G E N E R A L E X P L A N A T I O N S

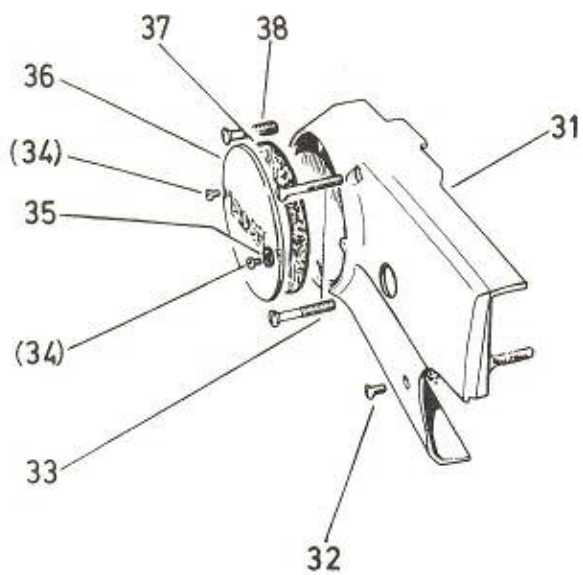
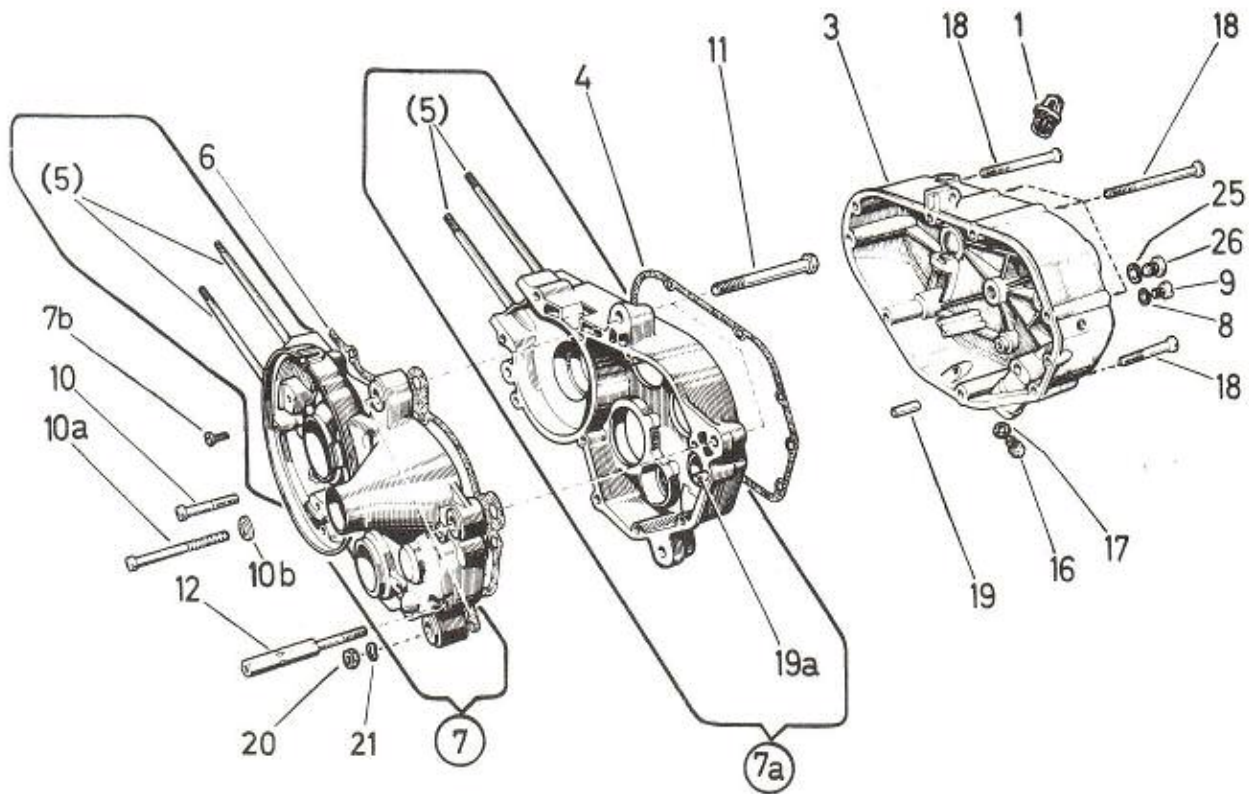
Statements such as "left", "right", "front", "rear" at the description of spare parts are referring to the moving direction of vehicle. The given dimensions (in mm) for particular parts have to be considered as standards. (To convert millimeters to inches, multiply by 0,03937).

A reference number bracketed on the illustrated page means that this number appears several times on the illustrated page.

A ref.no. within brackets before a spare part means, that the said part is only similar to the illustration.

The abbreviation "as requd." means "as required"; the abbreviation "p.m." means "per meter".

The content of the present manual is not obliging for delivery and equipment of vehicle.

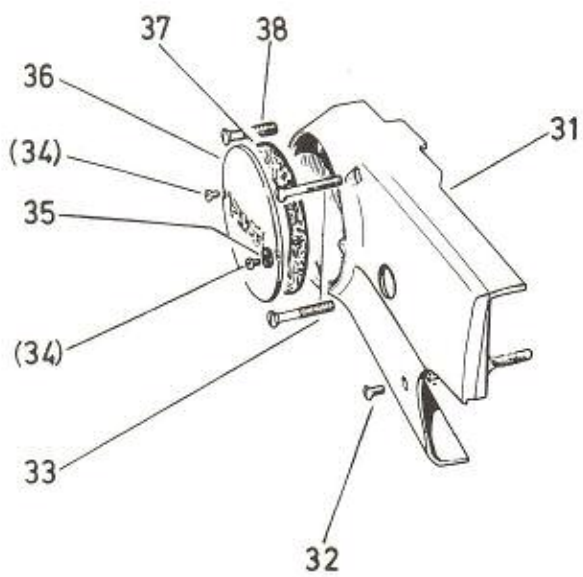
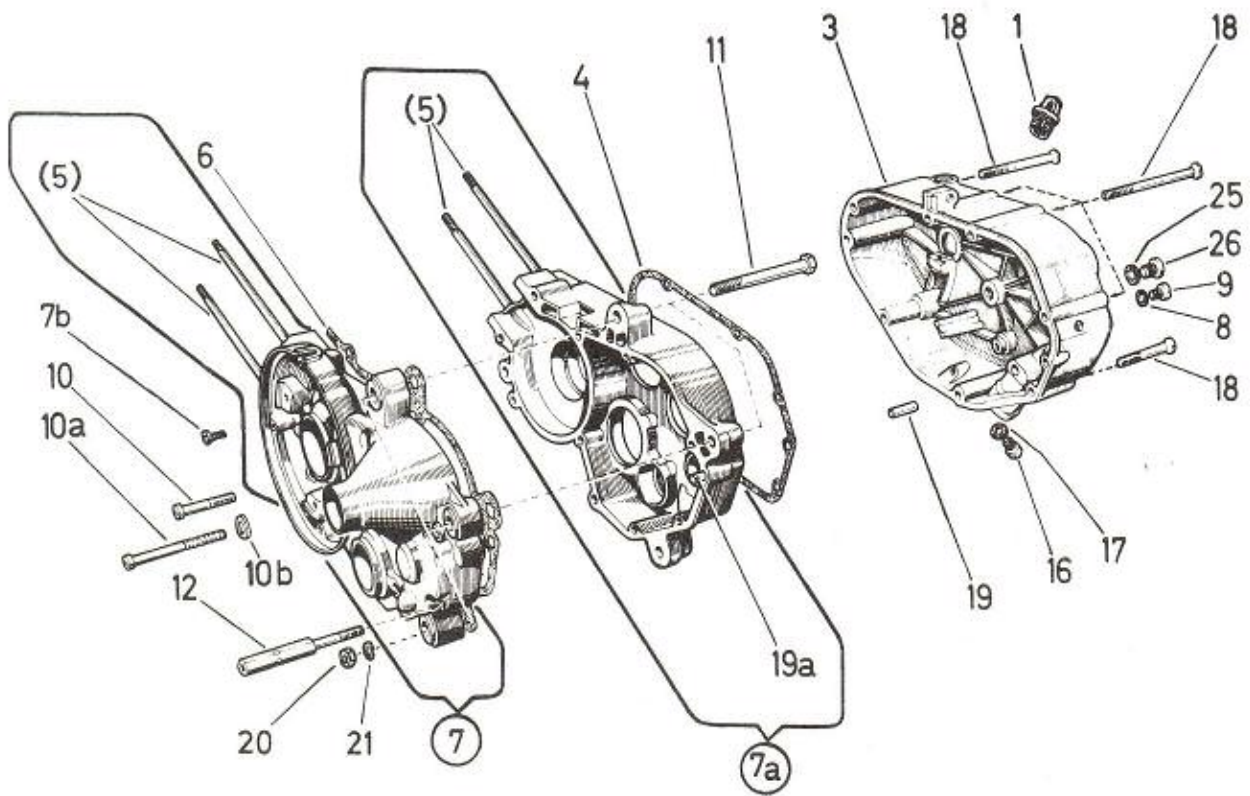


X 50/10/2 E

1. CRANKCASE

X 50
3

Fig.- No.	Spare-part- No.	Description	Requd.No.
1	364.2.10.660.1	OIL FILLER PLUG	1
3	360.8.10.035.1	CRANKCASE COVER	1
4	050.1.1049	CRANKCASE COVER GASKET	1
5	360.1.10.034.1	STUD BOLT (M6, 103 long)	4
6	328.1.10.731.1	CRANKCASE GASKET	1
7	360.2.10.532.9	CRANKCASE left compl.	1
7a	360.3.10.033.9	CRANKCASE right compl.	1
7b	1426	CHEESE HEAD SCREW M5x8 DIN 84	N 4
8	24365	SEALING RING A6x12 DIN 7603	N 1
9	900.1305	CHEESE HEAD SCREW for oil control M6x8 DIN 84	N 1
10	900.1319	CHEESE HEAD SCREW M6x35 DIN 84	N 7
10a	901.1310	CHEESE HEAD SCREW (M6x83)	2
10b	901.3925	WASHER (AL 11/6/2)	2
11	900.1039	HEXAGON SCREW M8x1x70 DIN 960-8.8	N 3
12	359.1.10.030.1	SCREW (M6, 80 long)	1
16	901.1053	HEXAGON SCREW M8x10 Sz DIN 933	N 1
17	26482	SEALING RING A8x14 DIN 7603	N 1
18	(900.1687	COUNTERSUNK SCREW CM6x70 DIN 964	N 4
	(
	(900.1683	COUNTERSUNK SCREW M6x50 DIN 964	N 2
	(
	(900.1682	COUNTERSUNK SCREW M6x45 DIN 964	N 1
	(

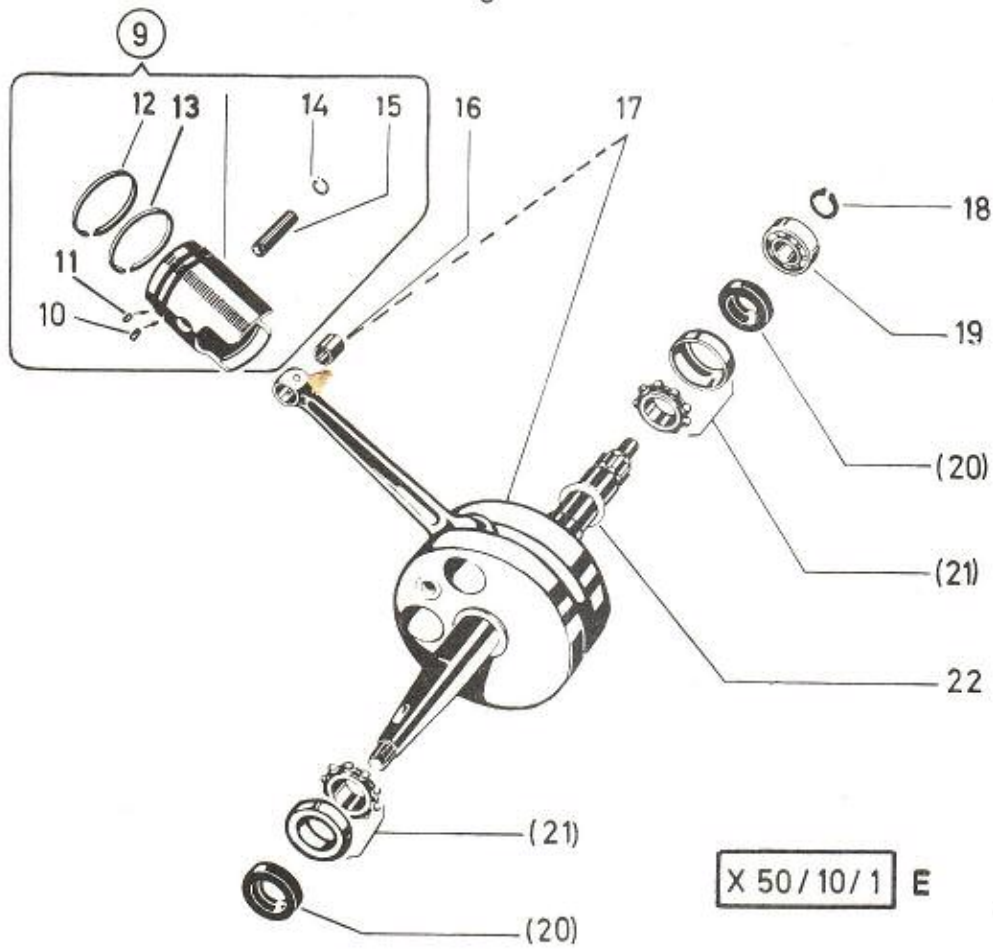
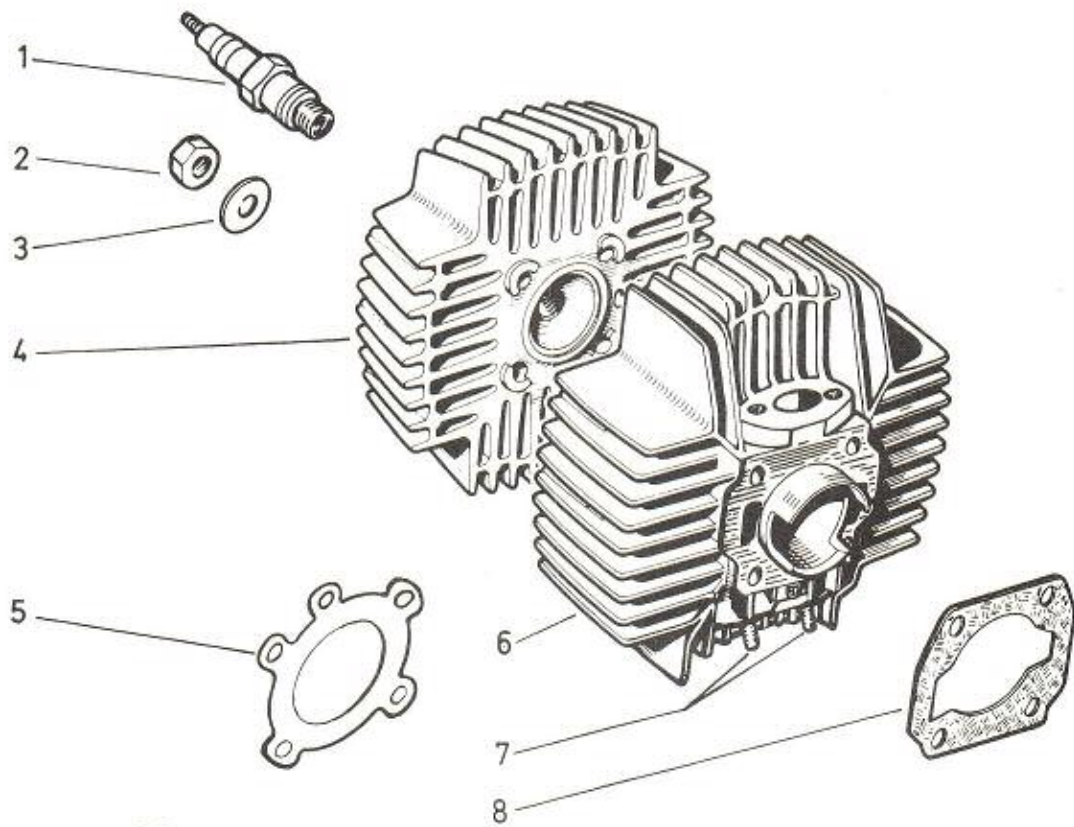


X 50/10/2 E

1. CRANKCASE (cont.)

X 50
3

Fig.- No.	Spare-part- No.	Description	Requd.No.
19	900.4810	CYLINDRICAL PIN 6h 8x18 DIN 7	N 2
19a	050.10.1054	SPACER	2
20	900.2021	HEXAGON NUT M8x1 DIN 934	N 3
21	900.3211	SPRING WASHER B8 DIN 137	N 3
25	26482	SEALING RING A8x14 DIN 7603	N 1
26	900.1512	LENS HEAD SCREW AM8x10 DIN 85	N 1
31	321.1.10.464.1	SHEATHING	1
32	900.1672	COUNTERSUNK SCREW M5x16 DIN 964	N 1
33	900.1682	COUNTERSUNK SCREW M6x45 DIN 964	N 2
34	900.9108	LENS HEAD SCREW M4x6 DIN 7985	N 2
35	900.3202	SPRING WASHER A4 DIN 137	N 2
36	359.1.10.065.1	COVER	1
37	366.1.10.066.1	GASKET for cover	1
38	900.1681	COUNTERSUNK SCREW M6x40 DIN 964	N 1
41	321.1.10.410.0	SET OF GASKET	1



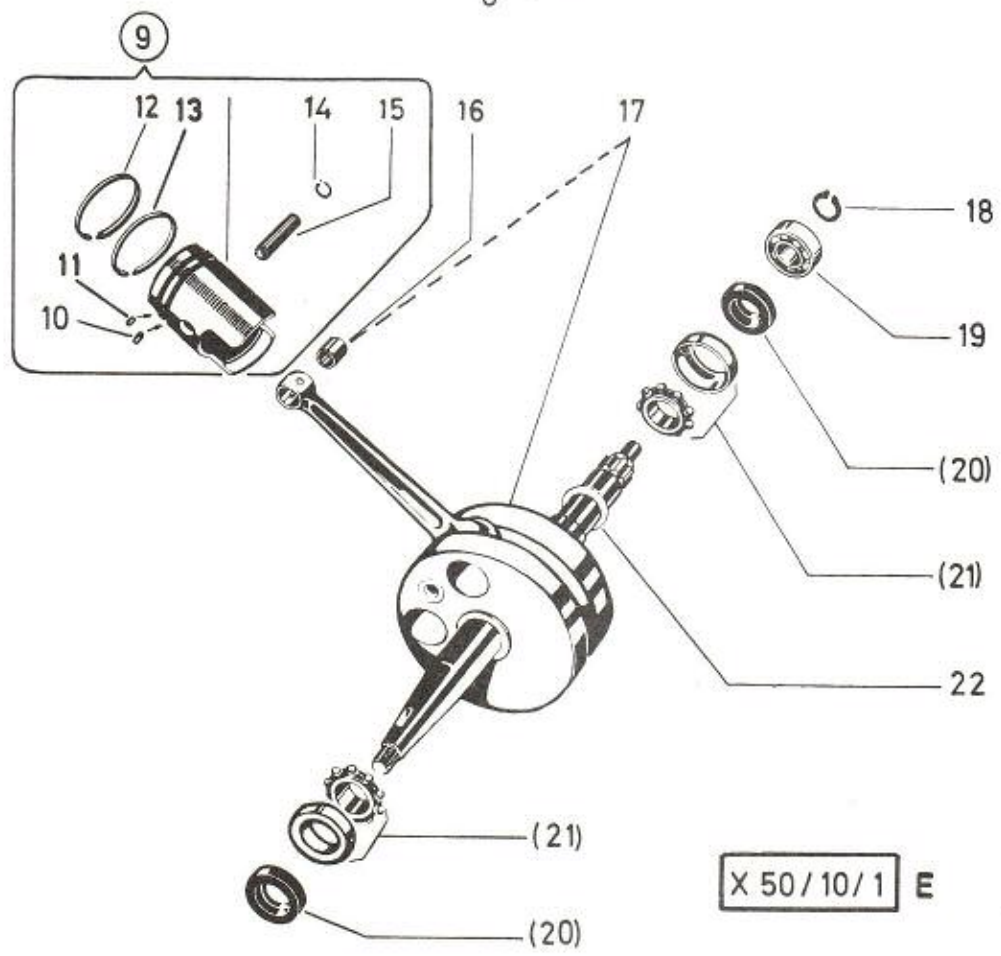
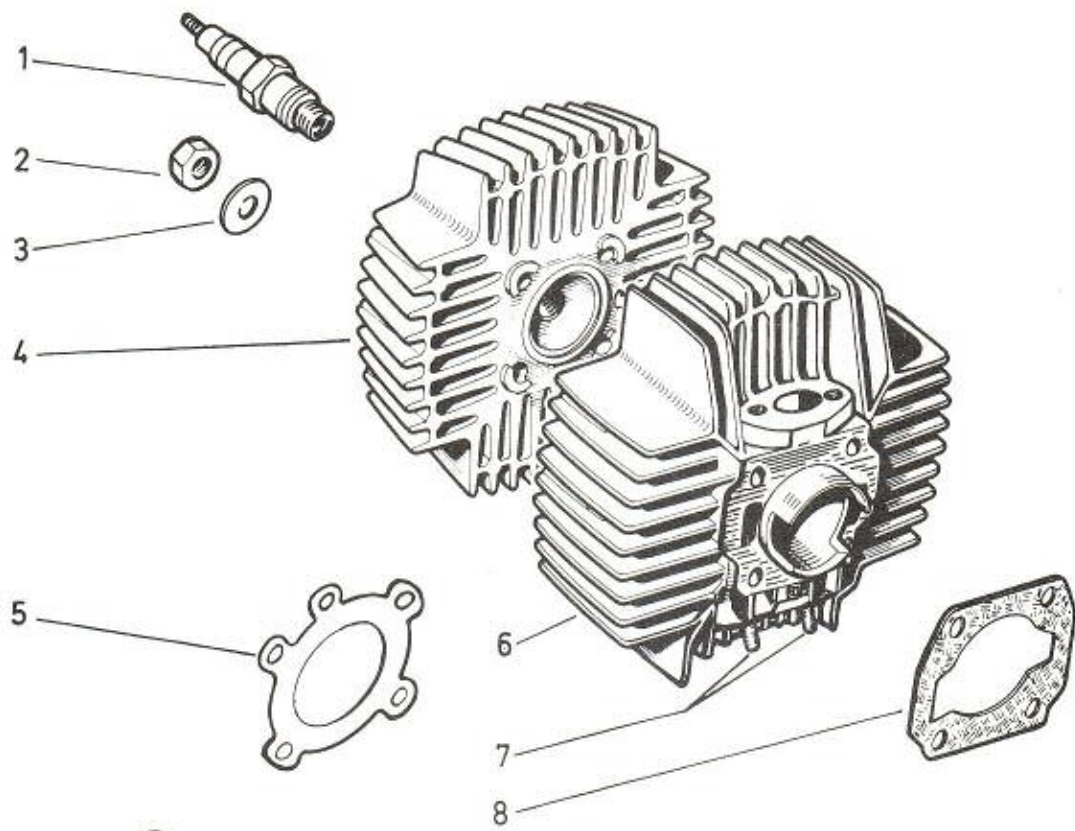
X 50/10/1 E

2. CYLINDER, CRANKSHAFT

X 50
3

Fig.- No.	Spare-part- No.	Description	Requd.No.
1	23733	SPARK PLUG Bosch W 5A (W225 T1)	1
2	900.2014	HEXAGON NUT M6 DIN 934-8	N 4
3	24804	WASHER 6,4 DIN 433	N 4
4	328.2.10.801.1	CYLINDER HEAD	1
5	328.1.10.804.1	CYLINDER HEAD GASKET (Alu-plate, 1,5mm thick)	1
6	328.2.10.105.0	CYLINDER with piston compl. 328.1.10.806.9, Ø38, with gudgeon pin and wire spring ring	1
7	050.1.1014	STUD (M6x16)	2
8	328.2.10.513.1	CYLINDER FLANGE GASKET (paper 0,3 thick)	1
9	328.1.10.806.9/03*	PISTON compl., normal, dia.38, sort.1	1
9	328.1.10.806.9/04*	PISTON compl., normal, dia.38, sort.2	1
10	900.4855	LOCKING PIN Ø2x6 DIN 1473	N 1
11	901.4839	LOCKING PIN Ø1,5x6 DIN 1473	N 1
12	328.1.10.960.1	PISTON RING LS 1,5 - 38/34,6x2Z, KAR, MOP	1
13	331.1.10.160.1	PISTON RING 38/35x2Z - FS2 KA KI	1
14	901.4701	WIRE SPRING RING B12 DIN 73123	N 2

*Ordering pistons or gudgeon pins we ask to state the required piston assortment 1 or 2.
(Pressed-on no. 1 or 2 on piston ground, choose piston and gudgeon pins as recommended in our Service Bulletin)

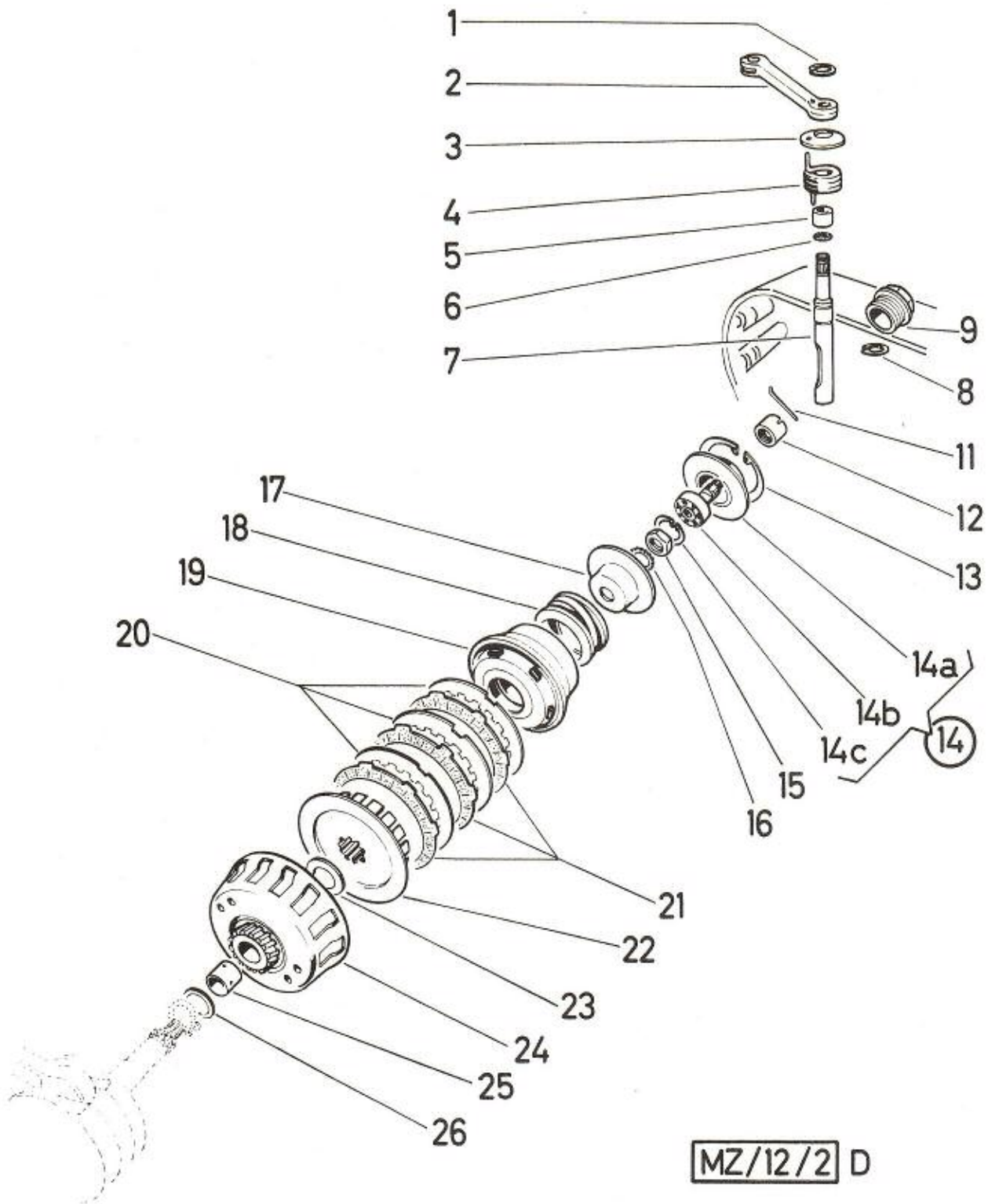


X 50 / 10 / 1 E

2. CYLINDER, CRANKSHAFT (cont.) X 50
3

Fig.- No.	Spare-part- No.	Description	Requd.No.
15	331.1.10.011.1/12*	GUDGEON PIN Ø12x31, sort.2	1
15	331.1.10.011.1/13*	GUDGEON PIN Ø12x31, sort.3	1
16	349.1.10.021.1	BUSH for connecting rod 14/11,6/12	1
16	349.1.10.021.3	BUSH for connecting rod (for repair)	as req.
17	329.2.10.015.0	CRANKSHAFT compl. (with keyway for woodruff key)	1
18	900.4619	CIRCLIP Sg 15x1 DIN 471	N 1
19	900.4.6202	BALL BEARING 6202 C3 35/15/11 DIN 625	N 1
20	900.3807	SEAL RING BA 35/17/7	2
21	900.2.6007	BALL BEARING L17 40/17/10 DIN 615	N 2
22	900.3992	DIFFERENTIAL WASHER 24/18,1/0,05	1
22	900.3922	DIFFERENTIAL WASHER 24/18,1/0,1	as reqd. 1
22	900.3923	DIFFERENTIAL WASHER 24/18,1/0,2	1

*Ordering pistons or gudgeon pins we ask to state the required piston assortment 1 or 2.
(Pressed-on no.1 or 2 on piston ground, choose piston and gudgeon pins as recommended in our Service Bulletin)

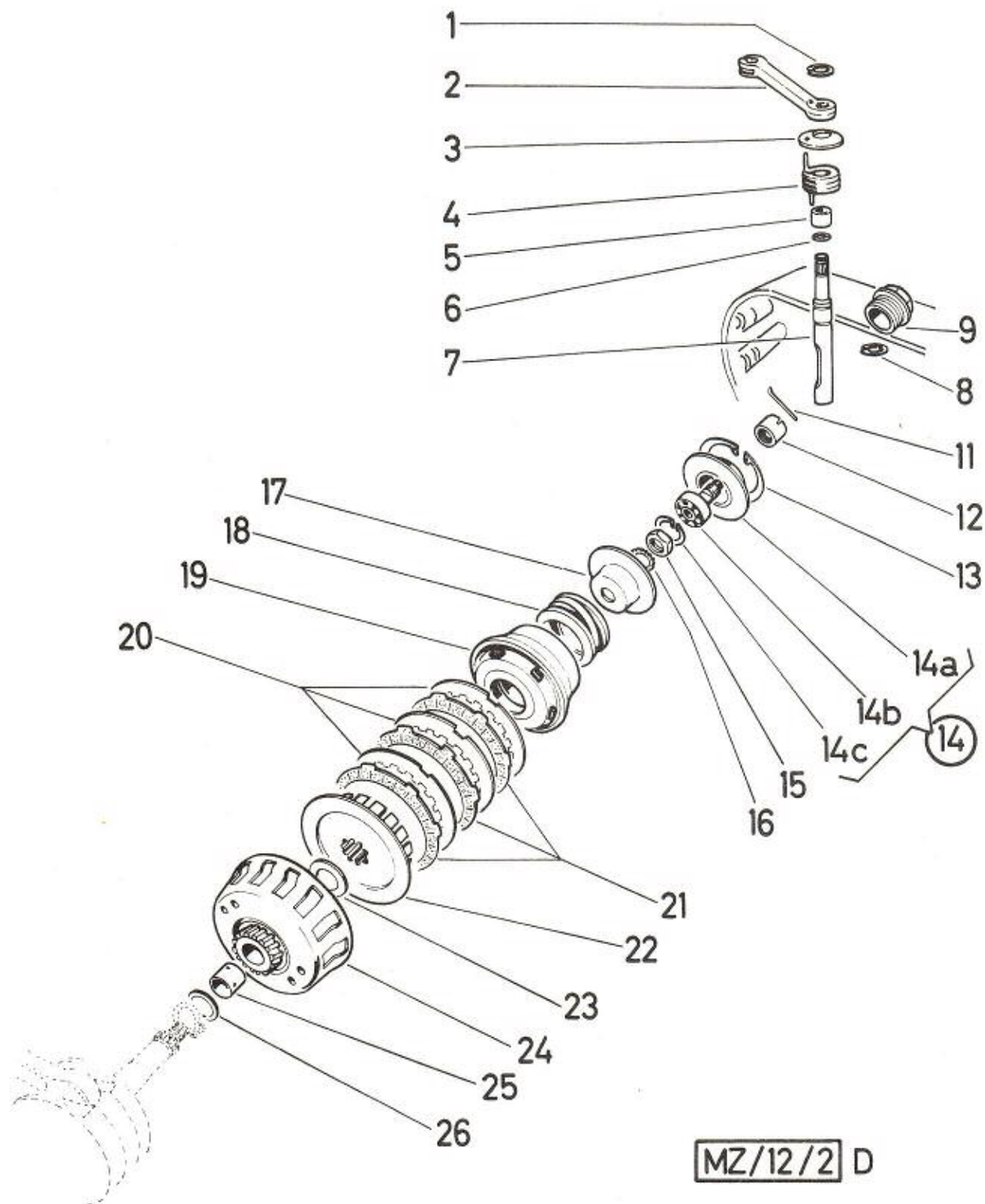


MZ/12/2 D

3. CLUTCH

X 50
3

Fig.- No.	Spare-part- No.	Description	Requd.No.
1	900.4606	BZ-WASHER 6 DIN 6799	N 1
2	050.2.1231	DECLUTCHING LEVER	1
3	350.1.12.019.1	COVERING PLATE	1
5	350.2.12.022.1	TORSION SPRING thickness of wires dia.1,8	1
5a	350.1.12.029.1	SPRING GUIDE	1
6	900.3883	OIL SEAL Rs 6-9-1,5	1
7	350.3.12.028.1	DECLUTCHING SHAFT	1
8	900.4693	SEEGER C-RING H10x1	1
9	329.1.12.133.1	CENTERING SCREW (M22x1,5 plastic)	1
11	050.1237	WIRE PIN Ø2mm	1
12	050.1234	BALL NUT M8x1	1
13	900.4745	CIRCLIP Sg 45x1,75 DIN 472	N 1
14	362.1.12.030.0	TENSION BOLT compl. (with ball bearing, bearing housing and circlip)	1
14a	362.1.12.010.1	BEARING HOUSING	1
14b	050.1240.2	TENSION BOLT (with ball bearing, without bearing housing)	1
14c	900.4721	CIRCLIP Sg 21x1 DIN 472	N 1
15	900.2320	HEXAGON NUT M10x1 DIN 936	N 1
16	900.3262	SERRATED LOCK WASHER A 10,5 DIN 6798	N 1
17	362.1.12.007.1	SPRING CUP	1
18	050.1206	CLUTCH SPRING	1

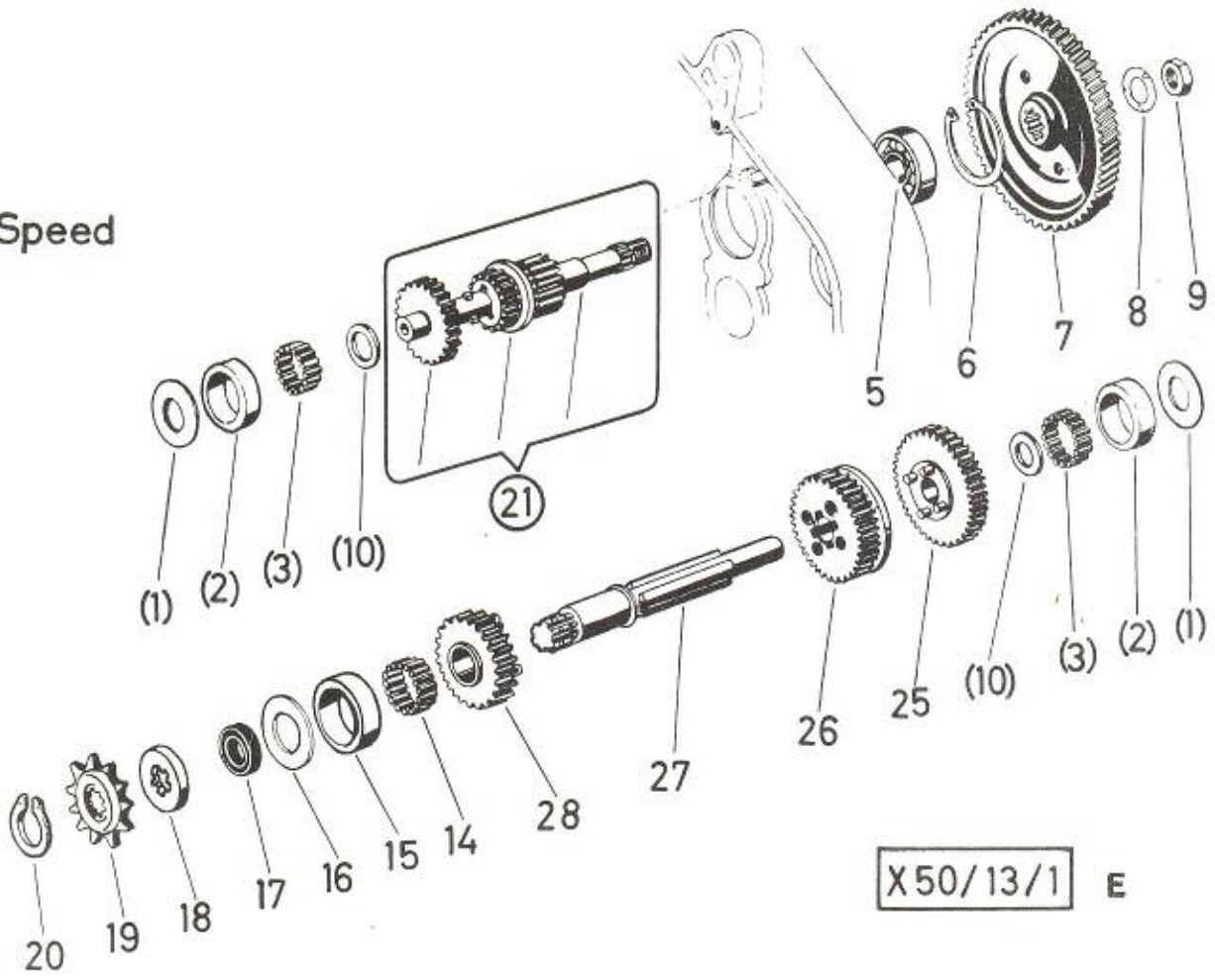


3. CLUTCH (cont.)

X 50
3

Fig.- No.	Spare-part- No.	D e s c r i p t i o n	Requd.No.
19	329.1.12.005.1	SPRING CAGE	1
20	329.1.12.112.1	INTERIOR CLUTCH DISC	3
21	350.4.12.024.2	EXTERIOR CLUTCH DISC (with lining Rimoldi)	3
22	329.1.12.104.1	CLUTCH HUB	1
23	050.1215	THRUST WASHER 26/15/1	1
24	329.3.12.102.2	CLUTCH DRUM (22 teeth)	1
25	050.1211	BEARING BUSH 17/15/16,3	1
26	050.1213	THRUST WASHER 22/15/1,7	1

3-Speed



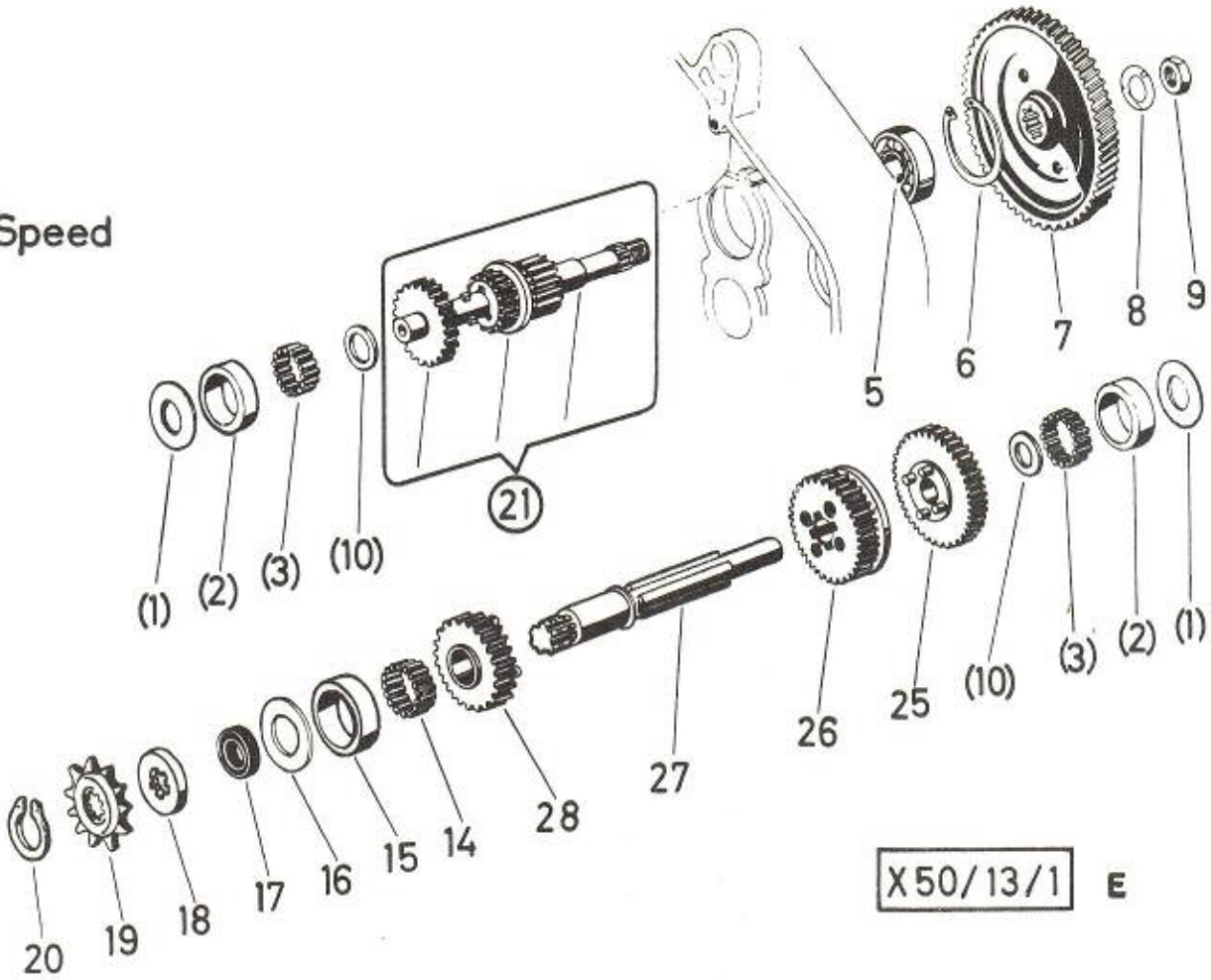
X50/13/1 E

4. GEARBOX

X 50
3

Fig.- No.	Spare-part- No.	Description	Requd.No.
1	321.1.13.624.1	BEARING WASHER 27,8/16/1	2
2	329.1.13.010.1	BEARING WASHER 28/19,4/7,5	2
3	900.6104	ROLLER (14 pieces to each race)	28
5	900.4.6202	BALL BEARING 6202 C3 35/15/11 DIN 625	N 1
6	900.4735	CIRCLIP Sg 35x1,5 DIN 472	N 1
7	364.1.13.400.1	DRIVE GEAR 66 teeth	1
8	360.1.13.004.1	LOCK WASHER for layshaft Ø22/12,5	1
9	24787	HEXAGON NUT M12x1	1
10	350.1.13.074.1	THRUST WASHER 18/12,5/1,4) as requd.
10	350.1.13.075.1	THRUST WASHER 18/12,5/1,6	
10	350.1.13.078.1	THRUST WASHER 18/12,5/1,8	
10	350.1.13.076.1	THRUST WASHER 18/12,5/2	
10	350.1.13.079.1	THRUST WASHER 18/12,5/2,25	
10	350.1.13.077.1	THRUST WASHER 18/12,5/2,5	
10	350.1.13.080.1	THRUST WASHER 18/12,5/2,75	
14	900.6104	ROLLER Ø3,5x7,5	
15	329.2.13.065.1	OUTER RACE 32/23,8/7,5	1
16	329.3.13.066.1	BEARING WASHER 31,7/20/1,5	1
17	050.1321	SEAL RING BA 28/17/7	1
18	349.1.13.119.1	INTERMEDIATE DISC	1

3-Speed

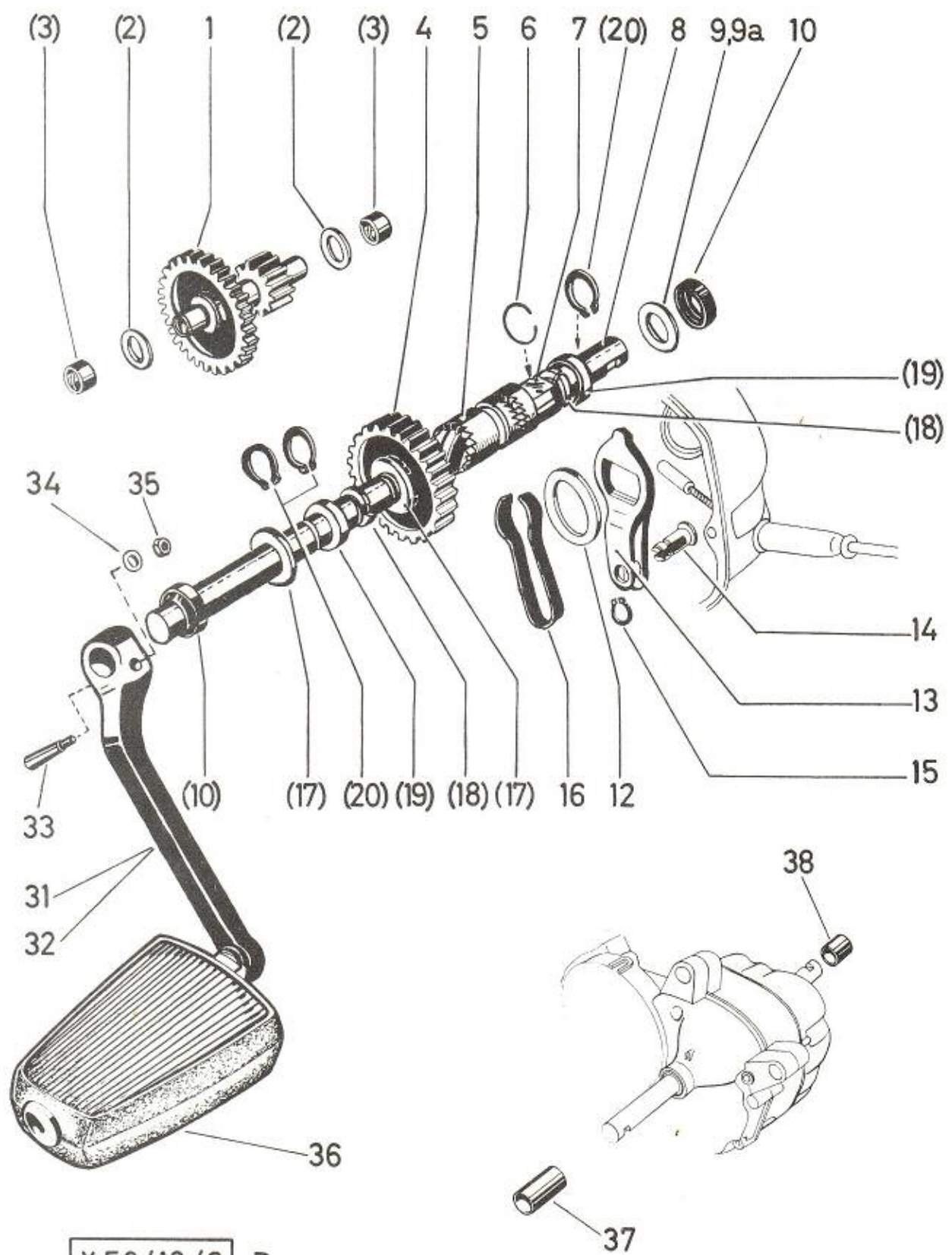


X50/13/1 E

4. GEARBOX (cont.)

X 50
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Fig.- No.	Spare-part- No.	D e s c r i p t i o n	Requd.No.
19	349.2.13.112.2	GEARBOX CHAIN SPROCKET 12 teeth	1
20	900.4616	CIRCLIP Sg 16x1 DIN 471	N 1
21	360.2.13.201.2	DRIVING GEAR (12/15/19 teeth)	1
25	360.1.13.211.1	GEAR 1st speed (38 teeth)	1
26	360.3.13.012.1	GEAR 2nd speed (29 teeth)	1
27	360.2.13.020.1	MAIN SHAFT (108 long)	1
28	360.1.13.013.1	GEAR 3rd speed (24 teeth)	1

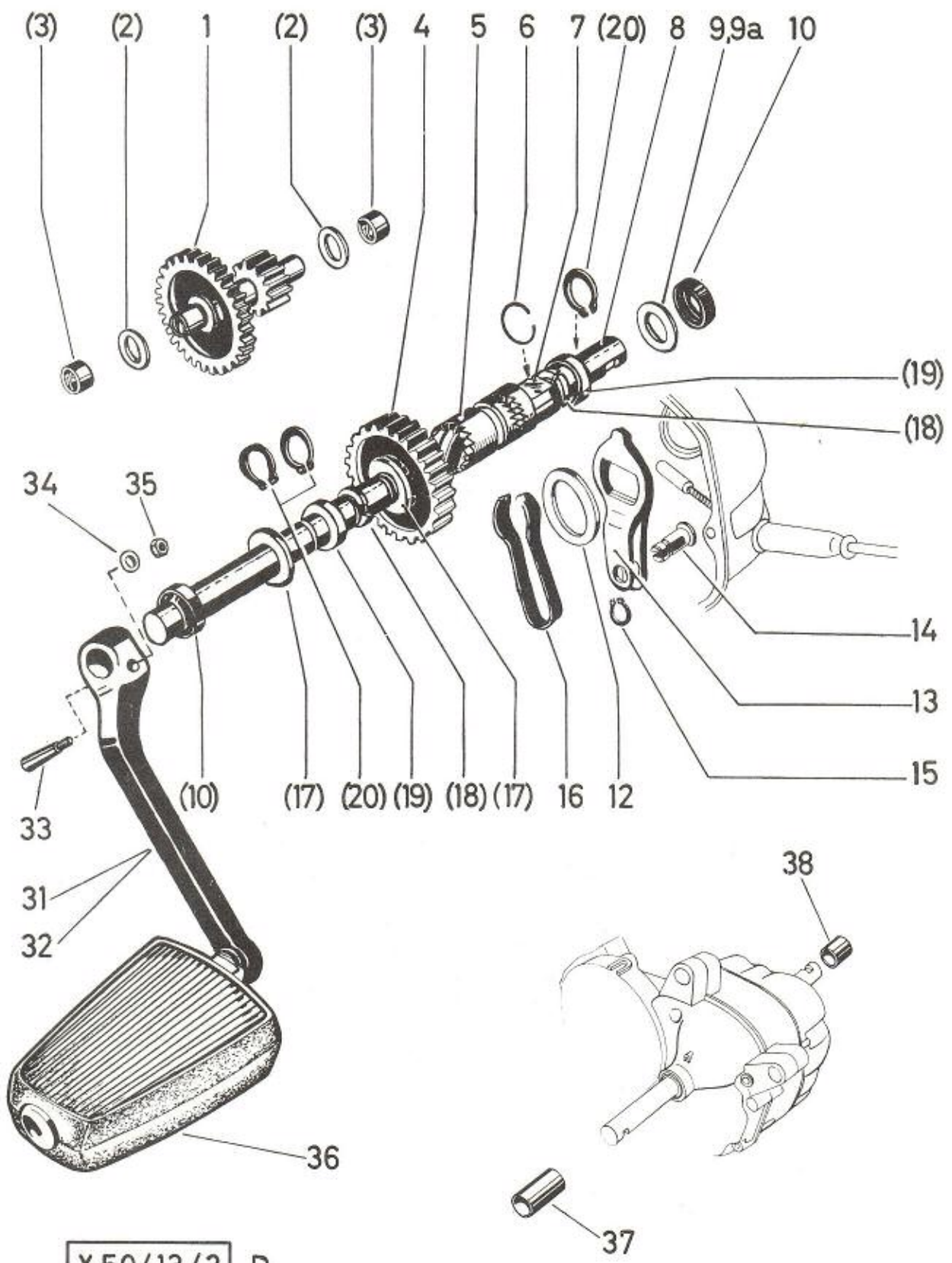


X 50/13/2 D

5. STARTER MECHANISM,
CRANKS, PEDALS

X 50
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Fig.- No.	Spare-part- No.	Description	Requd.No.
1	364.1.13.030.2	STARTER INTERMEDIATE SHAFT (32 and 15 teeth)	1
2	050.1329	THRUST WASHER 20,5/14/1,9)	2
2	050.1329.2	THRUST WASHER 20,5/14/2)	2
2	050.1329.3	THRUST WASHER 20,5/14/2,1)	2
2	050.1329.4	THRUST WASHER 20,5/14/2,4)	2
		} as requd.	
3	360.1.13.033.1	BEARING BUSH 17/14/10	2
4	364.1.13.031.1	STARTER GEAR (31/20 teeth)	1
(5)	360.1.13.027.1	DRIVER (20 teeth) 24 long	1
6	900.3221	SPRING RING 26 DIN 9045	N 1
(7)	360.1.13.037.1	CLAW COLLAR (20 teeth, 45 long)	1
8	360.3.13.032.1	PEDAL SHAFT, 280 long	1
9	050.4.1353	THRUST WASHER 26/16,2/1	1
	(900.3922	SPACER SHIM 24/18,1/0,1)	-
9a	(900.3923	SPACER SHIM 24/18,1/0,2)	-
	(900.3924	SPACER SHIM 24/17,1/0,5)	-
		} as requd.	
10	050.1335	RUBBER SEAL RING BAOF 24/16/7	2
12	900.3987	WASHER 38/27/2,5	1
13	350.2.13.038.2	BRAKE LEVER	1
14	350.2.13.047.1	CLEVIS BOLT 22 long	1
15	900.4610	SNAP RING Sg 10x1 DIN 471	N 1
16	050.1.1334	BRAKE SPRING for driver	1
17	050.1343	THRUST WASHER	2

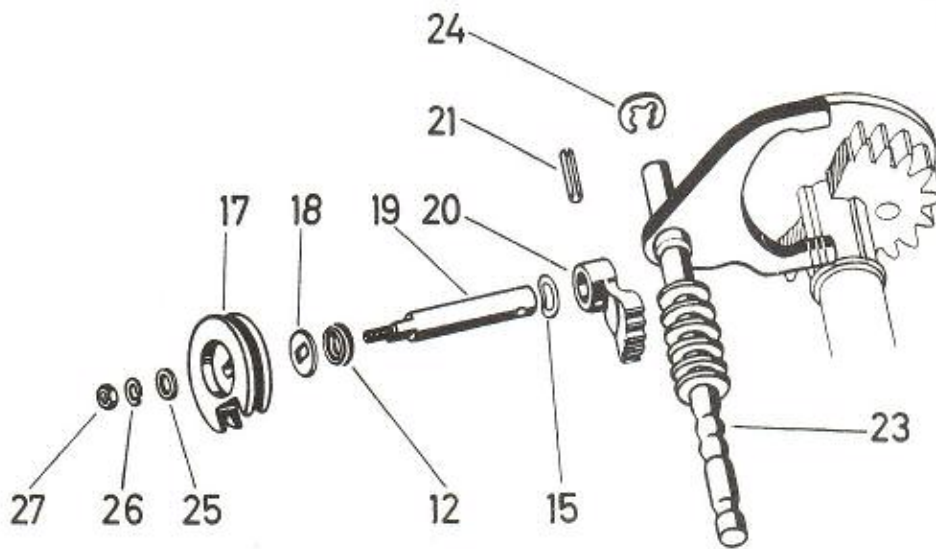
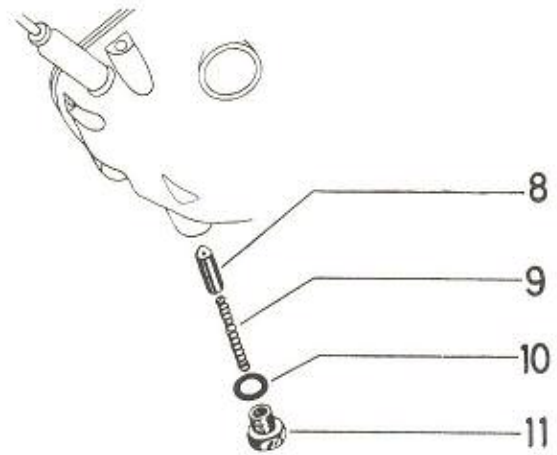


X 50/13/2 D

5. STARTER MECHANISM,
CRANKS, PEDALS (cont.) X 50
3

Fig.- No.	Spare-part- No.	Description	Requd.No.
18	350.3.13.051.1	SPRING RING	2
19	350.3.13.052.1	CATCHING RING	2
20	900.4616	SNAP RING Sg 16x1 DIN 471	N 3
31	050.1341	CRANK left	1
(32)	050.1340	CRANK right	1
33	605.1313	COTTER for crank	2
34	900.3926	WASHER for crank 14/6,5/2	2
35	900.2909	HEXAGON NUT 1/4" 26 gear/inch	2
36	321.1.13.460.0	PEDAL left and right compl.	per pair
37	357.1.13.054.8/07	PROTECTION SLEEVE (25 long)	p.m.
38	357.1.13.054.8/07	PROTECTION SLEEVE (30 long)	p.m.

3-Speed

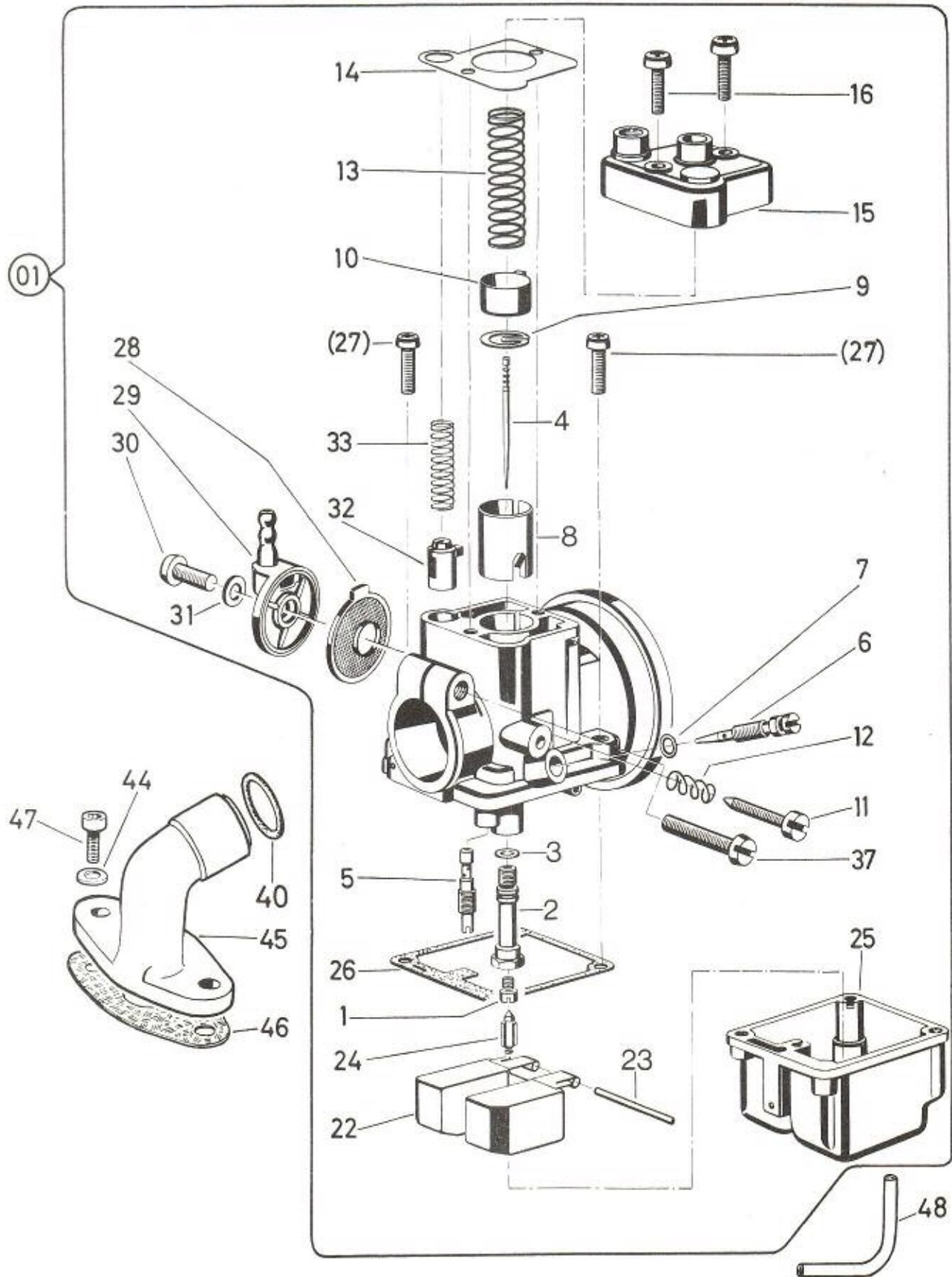


X50/14/1 E

6. GEARSHIFT

X 50
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Fig.- No.	Spare-part- No.	D e s c r i p t i o n	Requd.No.
8	050.1.1421	CATCH	1
9	100.1423	CATCH SPRING	1
10	900.4212	FIBRE SEAL WASHER 18/12/1	1
11	050.1.1422	CATCH GUIDE SCREW	1
12	050.1.1406	RUBBER SEAL WASHER Ø12/8	1
15	050.1.1426	SPRING WASHER	1
17	360.1.14.017.1	GEARSHIFT DISC	1
18	360.1.14.006.1	PRESSURE DISC	1
19	360.1.14.002.1	GEARSHIFT LEVER SHAFT	1
20	360.1.14.003.1	GEARSHIFT SEGMENT	1
21	900.4813	SLOTTED HOLLOW PIN 4x16 DIN 1481	N 1
23	360.2.14.025.0	GEARSHIFT FORK compl.(with part 24)	1
24	900.4606	BZ-CIRCLIP 6 DIN 6799	N 1
25	24794	WASHER 5,3 DIN 125	N 1
26	29190	SPRING RING B5 DIN 127	N 1
27	24772	HEXAGON NUT M5 DIN 934	N 1



7. CARBURETTOR

X 50
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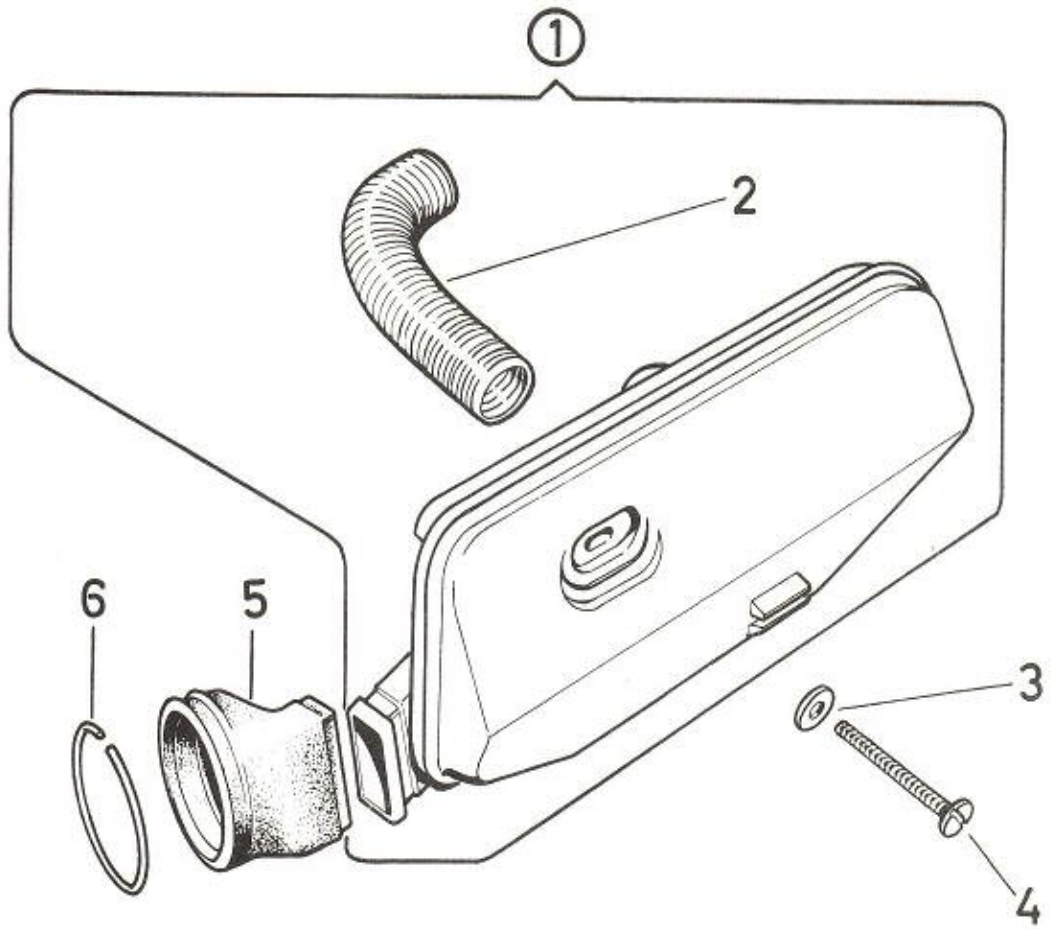
Fig.- No.	Spare-part- No.	Description	Requd.No.
01	321.4.15.400.0	CARBURETTOR compl. (Bing 15/14/1002)	1
1	175.3.15.009.1/60	MAIN JET No.60	1
1	175.3.15.009.1/..*	MAIN JET No...	-
2	321.1.15.408.1/47	NEEDLE JET No.1247	1
3	321.1.15.407.1	O-RING	1
4	321.1.15.416.1	JET NEEDLE (36,5 long, 3 grooves)	1
5	321.1.15.410.1/30	SLOW RUNNING AIR JET No.30	1
6	321.1.15.404.1	IDLE ADJUSTING SCREW	1
7	321.1.15.405.1	O-RING	1
8	321.1.15.415.1	THROTTLE SLIDE	1
9	362.1.15.013.1	CLAMPING SPRING	1
10	321.1.15.414.1	THROTTLE GUIDE	1
11	321.1.15.411.1	ADJUSTING SCREW for throttle slide	1
12	321.1.15.412.1	SPRING for adjusting screw	1
13	321.1.15.406.1	SPRING for throttle slide	1
14	321.1.15.429.1	GASKET for cover plate	1
15	321.1.15.419.1	CARBURETTOR HEAD	1
16	900.9114	PAN HEAD SCREW AM4x12 DIN 7985	N 2
22	321.1.15.425.2	FLOAT	1
23	321.1.15.427.1	PIN (Ø2,5x25)	1
24	362.2.15.026.2	FLOAT NEEDLE with Viton top	1

*Please state Jet-No.

7. CARBURETTOR (cont.)

X 50
3

Fig.- No.	Spare-part- No.	Description	Reqd.No.
25	321.1.15.424.2	FLOAT CHAMBER	1
26	321.1.15.428.1	GASKET for float chamber	1
27	D079850212	PAN HEAD SCREW AM 4x16 DIN 7985	N 2
28	321.1.15.437.1	FILTER WASHER	1
29	321.1.15.438.1	FILTER COVER	1
30	900.9114	PAN HEAD SCREW AM4x12 DIN 7985	N 1
31	321.1.15.439.1	SEALING RING 8/4,2/0,5	1
32	321.1.15.465.2	STARTER PISTON	1
33	321.1.15.464.1	SPRING for starter piston	1
37	900.1214	CHEESE HEAD SCREW AM5x20 DIN 84	N 1
40	D037700090	O-RING (19,7x1,7) as from.....	1
44	24804	WASHER 6,4 DIN 433	N 2
45	321.3.15.430.1	CARBURETTOR CONNECTING SLEEVE	1
46	329.1.15.322.1	CARBURETTOR FLANGE GASKET (thickness 0,3mm)	1
47	900.9006	CHEESE HEAD SCREW with internal hexagon M6x20 DIN 912-8.8	N 2
48	900.0939/07	HOSE OF PLASTIC (for overflow) Ø7/4 (100 long)	p.m.

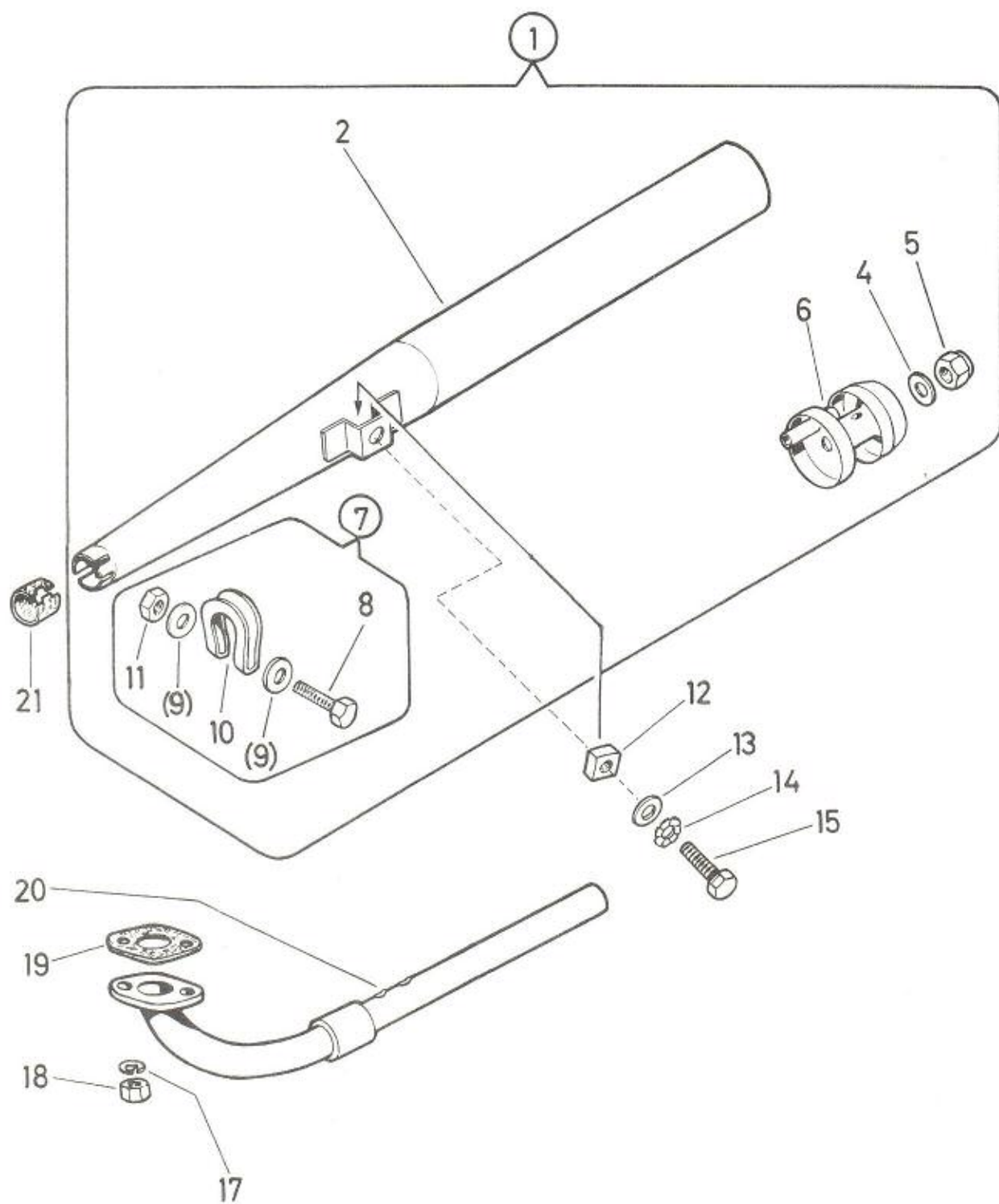


X 50 / 15 / 2 D

8. INTAKE SILENCER

X 50
3

Fig.- No.	Spare-part- No.	D e s c r i p t i o n	Requd.No.
1	349.1.15.270.0	INTAKE SILENCER kompl. (with part 2) (version welded)	1
2	349.1.15.073.1	DAMPER PIPE Ø19/15x80	1
3	900.3077	WASHER 5,3 DIN 9021	N 1
4	900.1504	CHEESE HEAD SCREW M5x45 DIN 85	N 1
5	050.10.1577	CONNECTING SLEEVE	1
6	364.1.15.081.1	SPRING RING	1

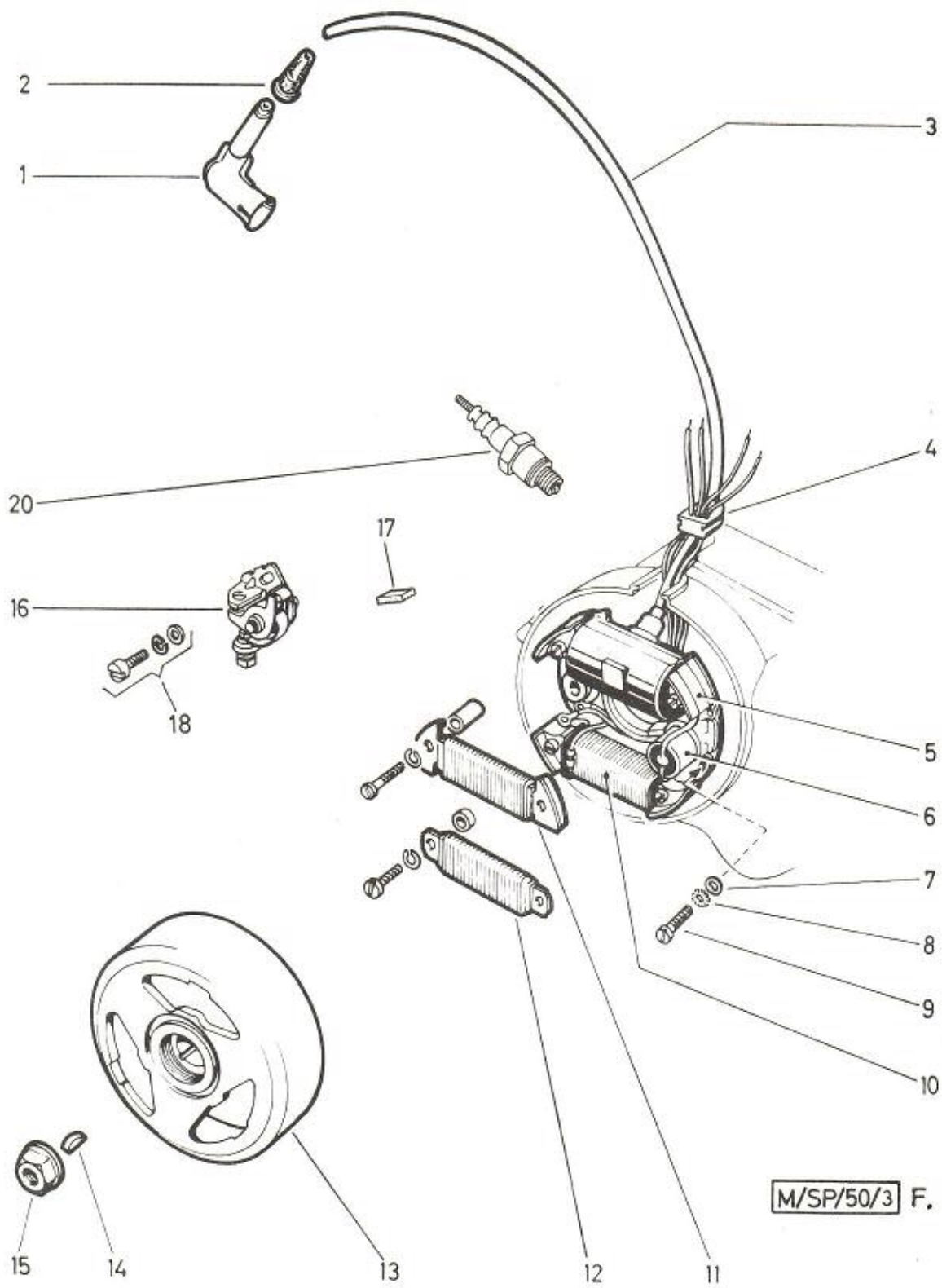


X50/16 E

9. EXHAUST

X 50
3

Fig.- No.	Spare-part- No.	Description	Requd.No.
1	321.1.16.400.0	EXHAUST compl.	1
2	-----	no spare part	-
4	900.3926	WASHER 14/6,5/2	1
5	900.2966	HEXAGON NUT M6 DIN 985	N 1
6	321.1.16.409.2	EXHAUST END PIPE	1
7	321.1.16.811.0	CLIP compl. Ø34	1
8	900.1077	HEXAGON SCREW M7x40 DIN 931	N 1
9	24796	WASHER 7,4 DIN 125	N 2
10	321.1.16.811.1	CLIP loose Ø34	1
11	24774	HEXAGON NUT M7 DIN 934	N 1
12	900.2208	SQUARE NUT M8 DIN 557	N 1
13	24797	WASHER 8,4 DIN 125	N 1
14	900.3265	LOCK WASHER A8,4 DIN 6798	N 1
15	900.1144	HEXAGON SCREW M8x16 DIN 933-8.8	N 1
17	24804	WASHER 6,4 DIN 433	N 2
18	902.2919	HEXAGON NUT (M6, Messing)	2
19	050.1615	EXHAUST FLANGE GASKET	1
20	321.3.16.401.2	EXHAUST PIPE (Ø25,4x1,2)	1
21	321.1.16.819.1	GASKET for Ø28	1

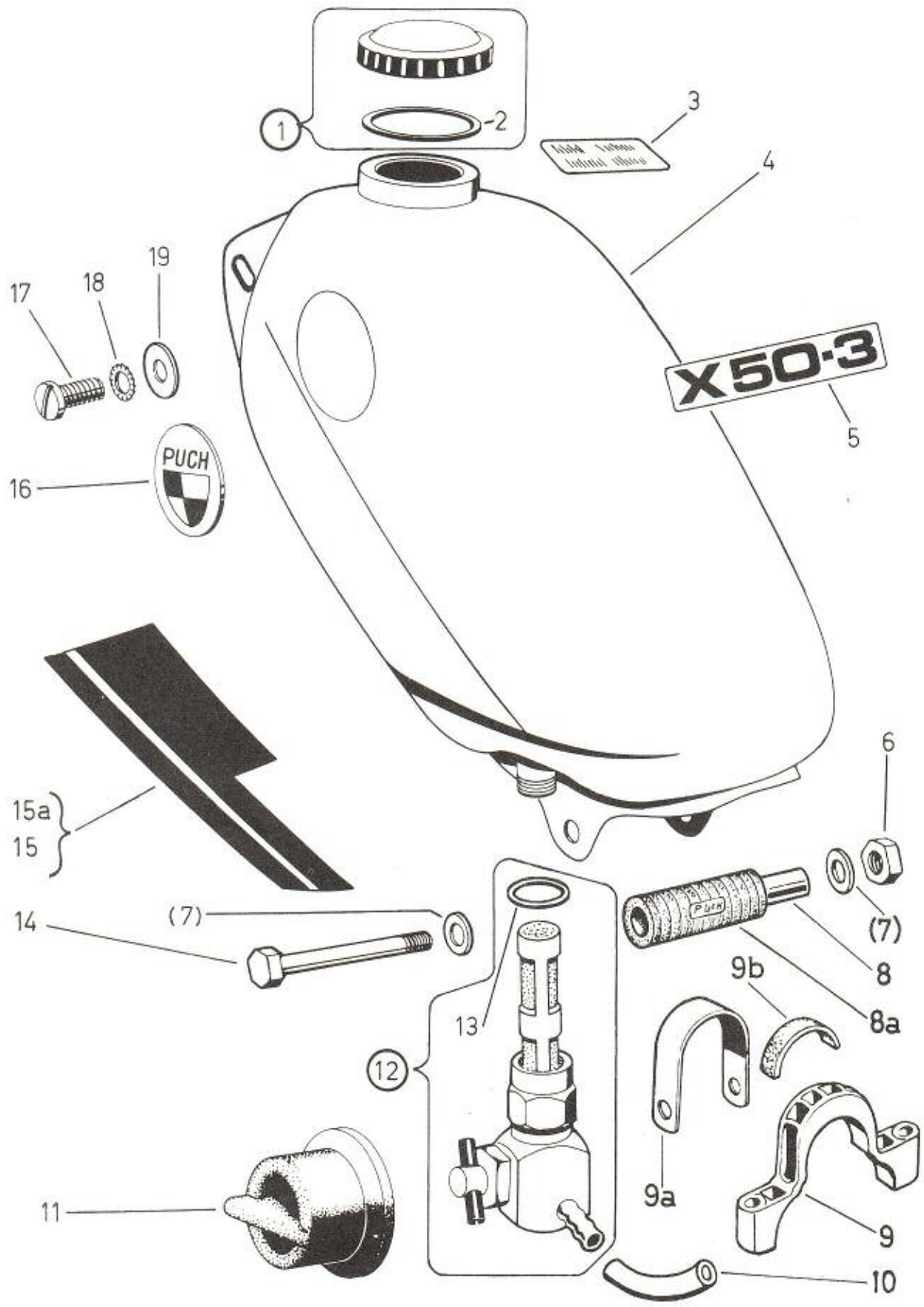


10. MAGNETO GENERATOR

X 50
3

Fig.- No.	Spare-part- No.	Description	Requd.No.
--	360.5.50.200.0	MAGNETO GENERATOR compl. (Bosch 0 212 122 035) RB1 (L) 6V 17/5W	1
1	350.9.52.005.0	SUPPRESSOR PLUG (cable plug) (Messrs.Merit)	1
2	350.2.52.007.1	CAP for ignition cable gasket outside	1
3	050.5207/07	IGNITION CABLE Ø5x320	p.M.
4	352.2.10.010.1	RUBBER SOCKET	1
5	364.4.50.512.2	IGNITION ARMATURE (Bosch 2 204 211 030)	1
6	500.2.50.013.2	CONDENSER (Bosch 1 237 330 037)	1
7	901.3941	WASHER 8/4,2/1	3
8	900.3253	SERRATED LOCK WASHER J4,3 DIN 6798	N 3
9	27458	LENS HEAD SCREW AM4x15 DIN 85	N 3
10	360.2.50.011.2	GENERATOR ARMATURE (Bosch 1 214 210 042)	1
11	360.5.50.014.2	GENERATOR ARMATURE (Bosch 1 214 210 153)	1
12	-----	not for this model	-
13	360.5.50.210.2	FLYWHEEL (Bosch 1 215 254 605)	1
14	900.4503	WOODRUFF-KEY 3x3,7 DIN 6888	N 1
15	901.2943	HEXAGON NUT with band M10x1-8	1
16	302.3.50.015.0	CONTACT-SET (Bosch 1 217 013 021)	1
17	364.4.50.618.1	LUBRICATING FELT (Bosch 2 201 005 007)	1
18	302.3.50.017.0	COMBINATION SCREW compl. (Bosch 1 213 410 008)	1
20	-----	SPARK PLUG - see group 2.Cylinder, Crankshaft	-

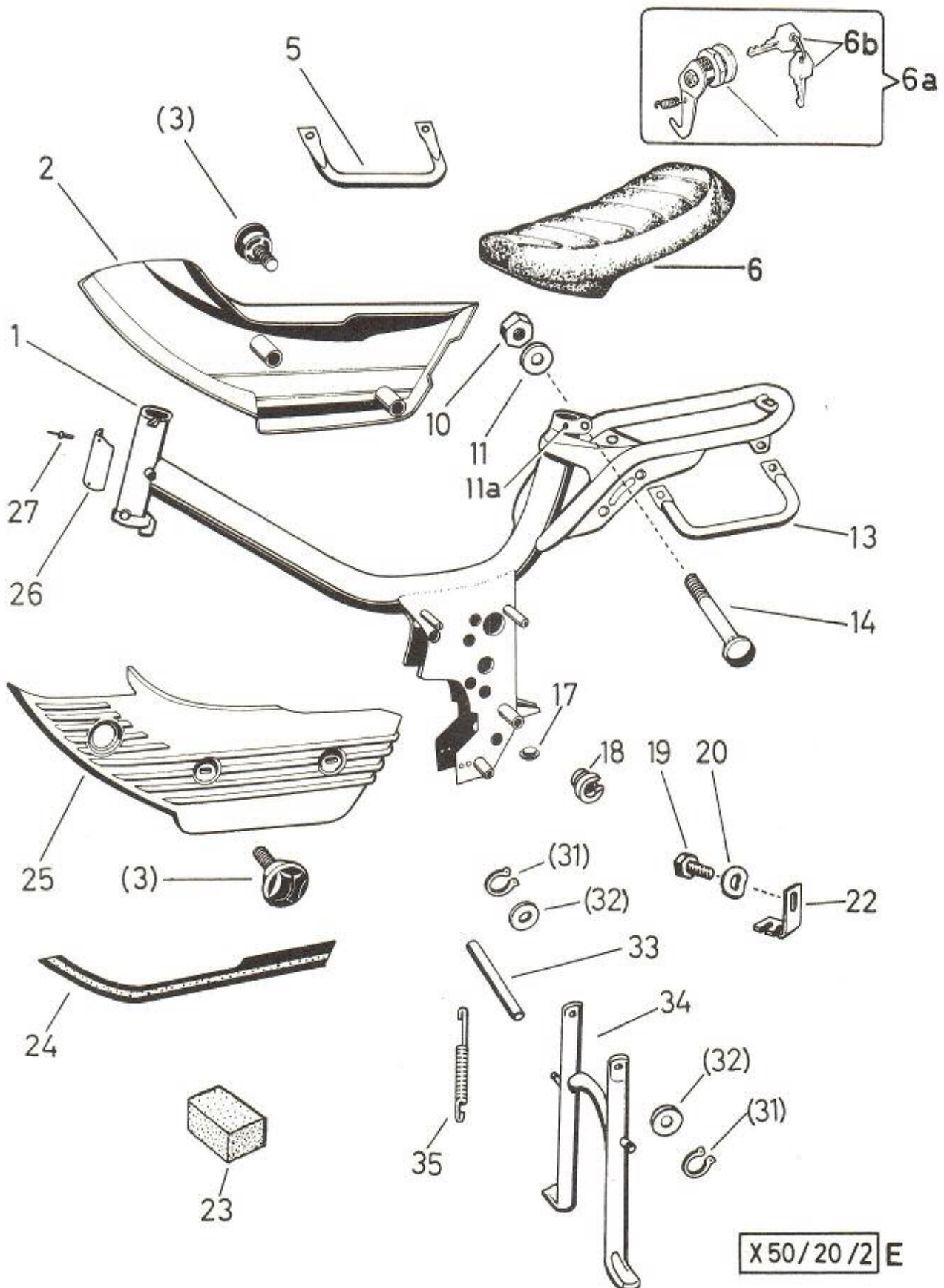
Parts not identified by a number are not available singly from Messrs.Bosch.



X 50/22/2 E

		11. FUEL TANK, PETROL TAP	X 50 3
Fig.- No.	Spare-part- No.	Description	Requd.No.
1	360.3.22.520.0	TANK CAP compl.(chrome black)	1
2	360.1.22.521.1	RUBBER SEAL RING 58,5/38/2,5)	1
3	350.1.22.227.1	TRANSFER PICTURE (oil-gasoline-mixture) black	1
3	350.2.22.227.1	TRANSFER PICTURE (oil-gasoline-mixture) white	1
4	321.1.22.400.2	FUEL TANK	1
5	321.5.22.417.1	NAME PLATE (X 50-3) white	1
5	321.1.22.417.1	NAME PLATE (X 50-3) black	1
6	24773	HEXAGON NUT M6 DIN 934	N 1
7	24795	WASHER 6,4 DIN 125	N 2
8	321.1.22.407.1	DISTANCE PIPE 10/8/63	1
8a	51.1.1337 *	RUBBER	1
9	321.3.22.406.1	CLIP	1
9a	321.2.22.406.1*	CLIP	1
9b	321.1.22.408.8*	LINING 20/6/120	p.m.
10	900.0902/07	FUEL HOSE Ø9/5 (150 long)	p.m.
11	321.1.22.413.1	GRIP for fuel tap	1
12	321.1.22.430.0	FUEL TAP compl.	1
13	349.1.22.031.1	SEAL RING 10,5/8,5/1	1
14	901.1055	HEXAGON SCREW M6x75 DIN 931	N 1
15	321.2.22.415.0	TRANSFER PICTURE compl. (left and right) blue	1
15a	321.3.22.415.0	TRANSFER PICTURE compl. (left and right) black	1
16	366.3.22.015.1	NAME PLATE ("Puch")	2
17	900.1514	FLAT HEAD SCREW M6x10 DIN 85	N 2
18	900.3267	SERRATED LOCK WASHER A6,4 DIN 6798	N 2
19	900.3076	WASHER 6,4 DIN 9021	N 2

* These parts are no longer applicable
when mounting clip 321.3.22.406.1 (Fig.-No.9)

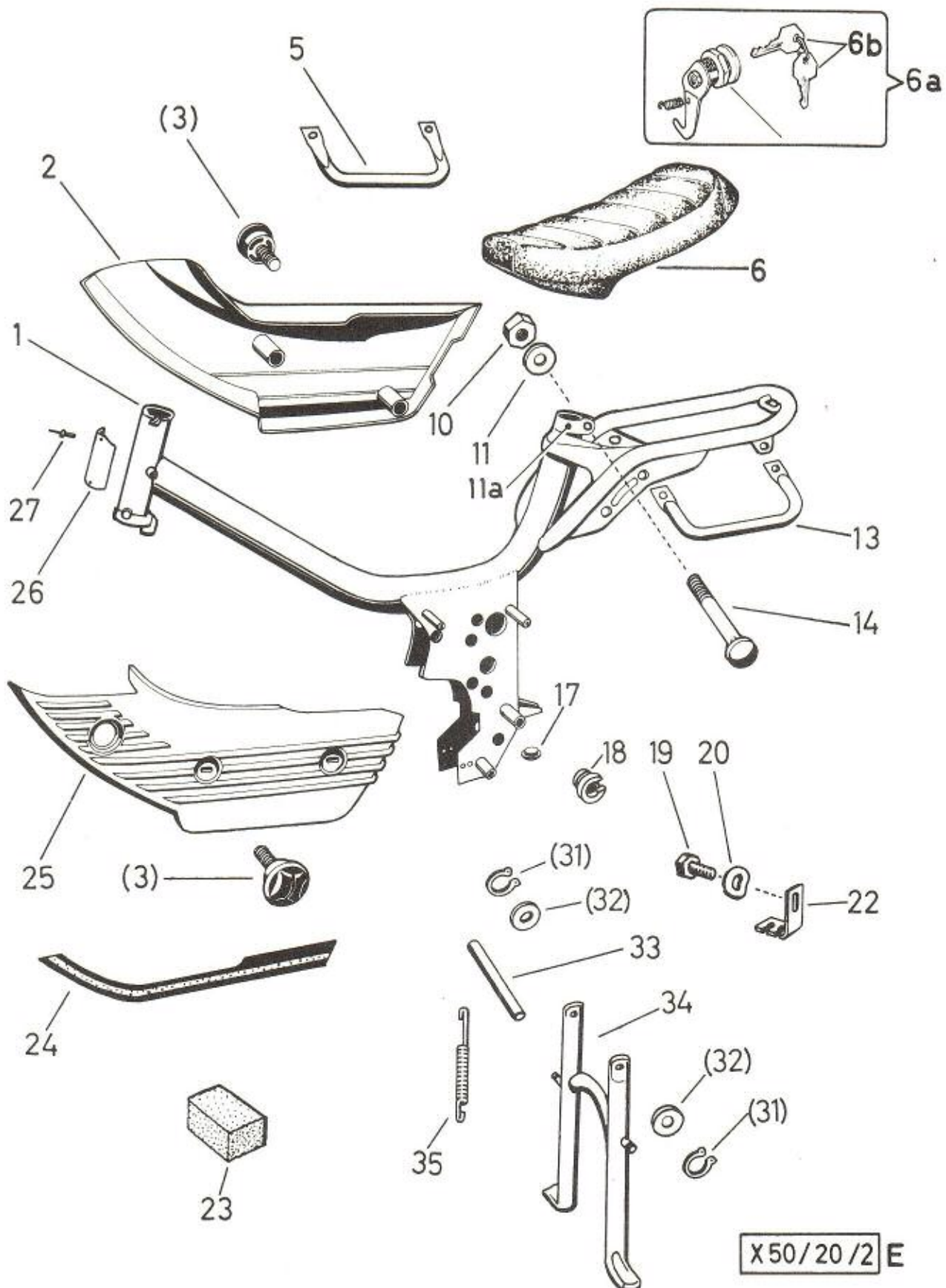


X50/20/2 E

12. FRAME, SINGLE SEAT, LININGS, PROP STAND

X 50
3

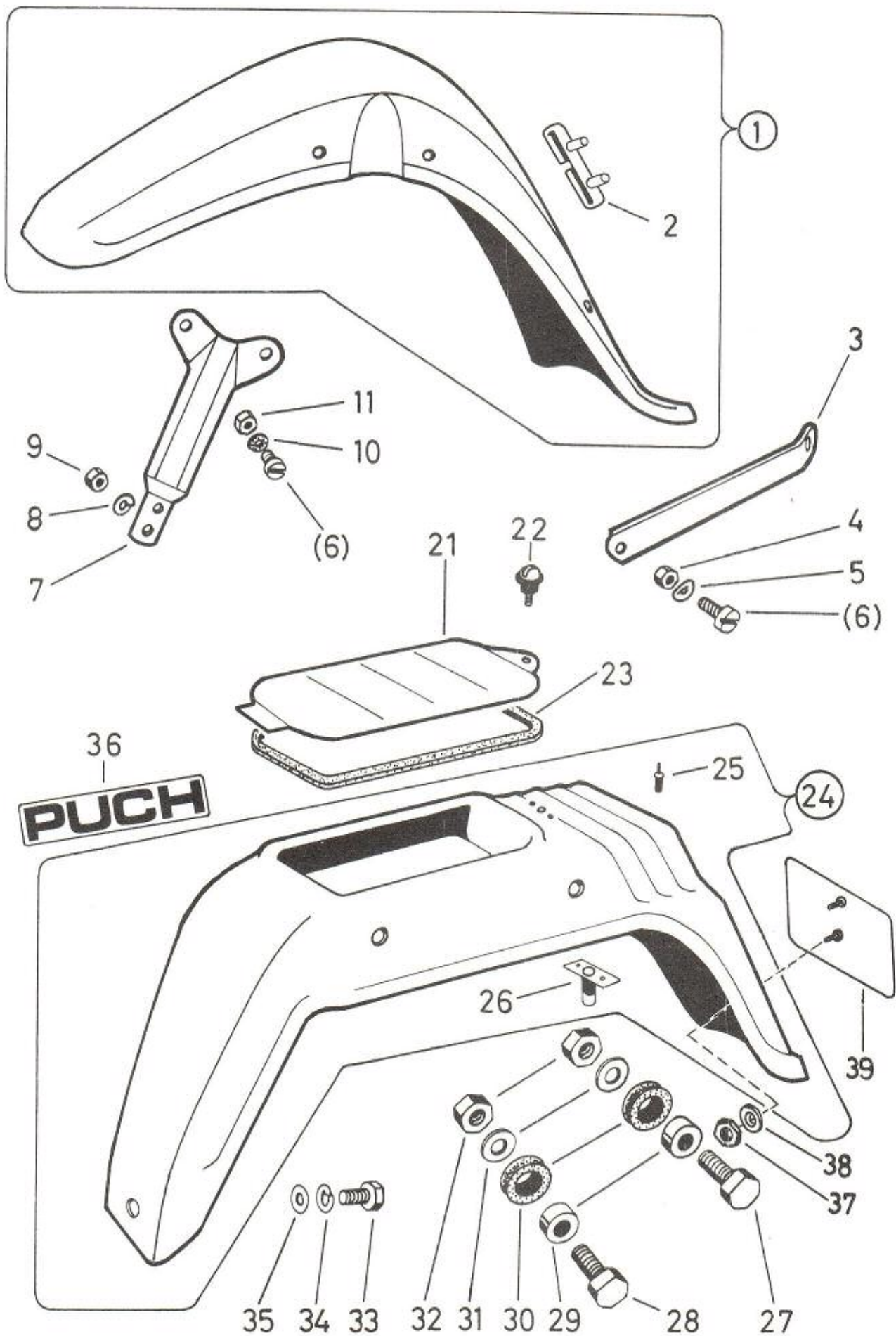
Fig.- No.	Spare-part- No.	Description	Requd.No.
1	321.1.20.400.0	FRAME compl. (with bearing cups and parts 17 and 18)	1
2	321.1.26.406.1	LINING r.h.	1
3	321.1.26.407.2	FIXING SCREW (M5, 11 long)	4
5	321.1.29.410.1	BRACKET right	1
6	321.1.33.400.0	SINGLE SEAT compl.	1
6a	321.1.33.452.0	LOCK compl. (with 2 keys)	1
6b	321.1.33.453.1	SPARE KEY (please state key-number)	-
10	24775	HEXAGON NUT M8 DIN 934	N 1
11	24797	WASHER 8,4 DIN 125	N 1
11a	600.5.33.002.1	CLIP Ø25,4	1
13	321.1.29.409.1	BRACKET left	1
14	600.2.33.003.1	CLAMPING SCREW (M8x40)	1
17	050.1.2123	RUBBER BUFFER (for stop)	1
18	321.1.20.435.1	CHAIN GUIDE	1
19	25399	HEXAGON SCREW M6x10 DIN 933	N 1
20	900.3212	SPRING WASHER A6 DIN 137	N 1
22	360.2.14.029.1	SETTING ANGLE	1
23	349.1.20.043.1	DUST PROTECTOR	1
24	321.2.26.415.0	TRANSFER PICTURE compl. (left and right) blue	1
24	321.3.26.415.0	TRANSFER PICTURE compl. (left and right) black	1
25	321.1.26.405.1	LINING left	1
26	321.4.20.433.1	TYPE PLATE	1
27	600.2.58.013.1	AL-POP RIVET 2,4x7,5	2



X50/20/2 E

12. FRAME, SINGLE SEAT, LININGS, PROP STAND X 50
(cont.) 3

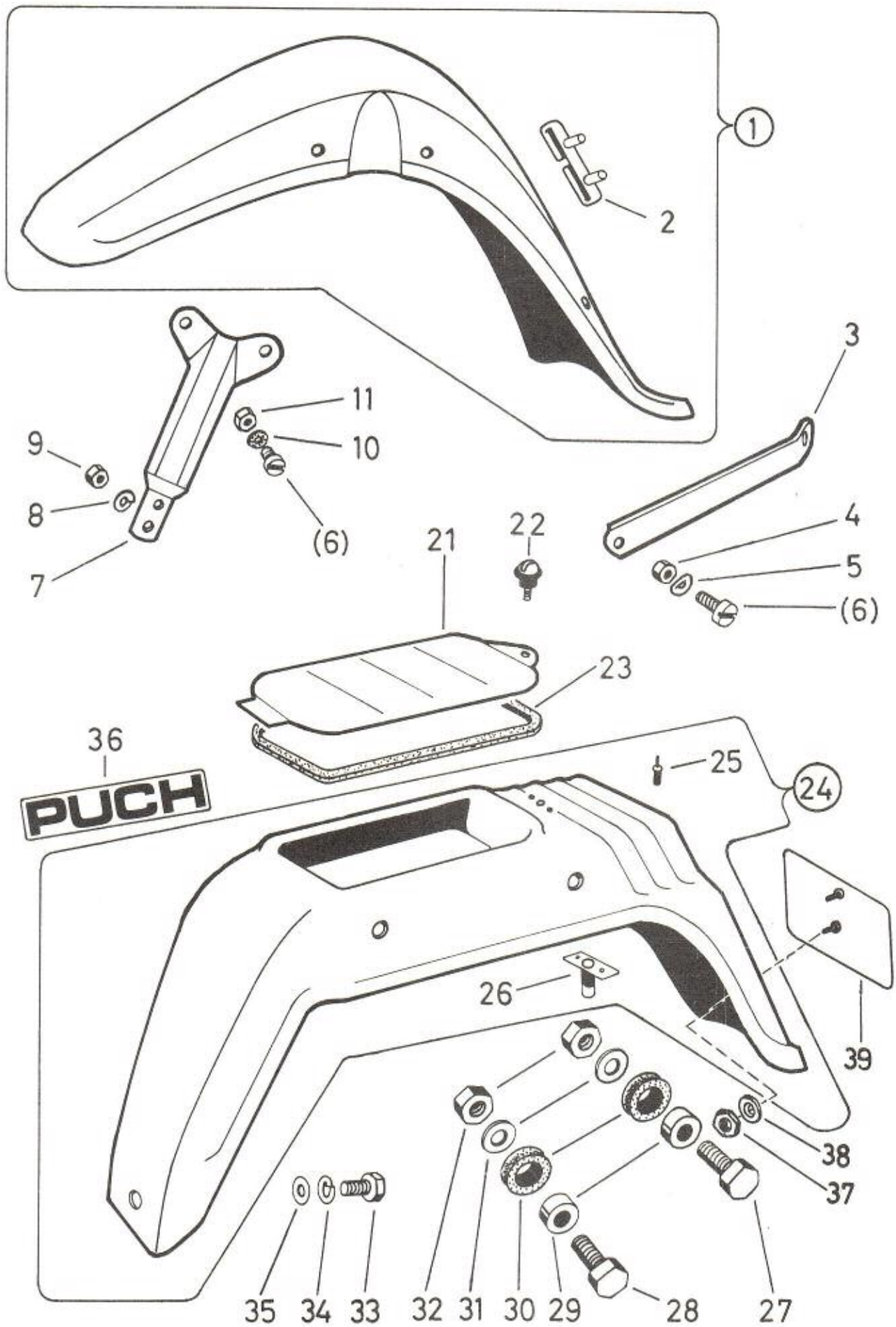
Fig.- No.	Spare-part- No.	Description	Requd.No.
31	18633	RETAINING RING 12x1 DIN 471	N 2
32	900.3938	WASHER 18/12,3/1	2
33	321.1.24.413.1	STAND BEARING SPINDLE Ø12x88	1
34	321.1.24.400.2	PROP STAND	1
35	128.2410	PROP STAND SPRING	1



13. MUDGUARDS

X 50
3

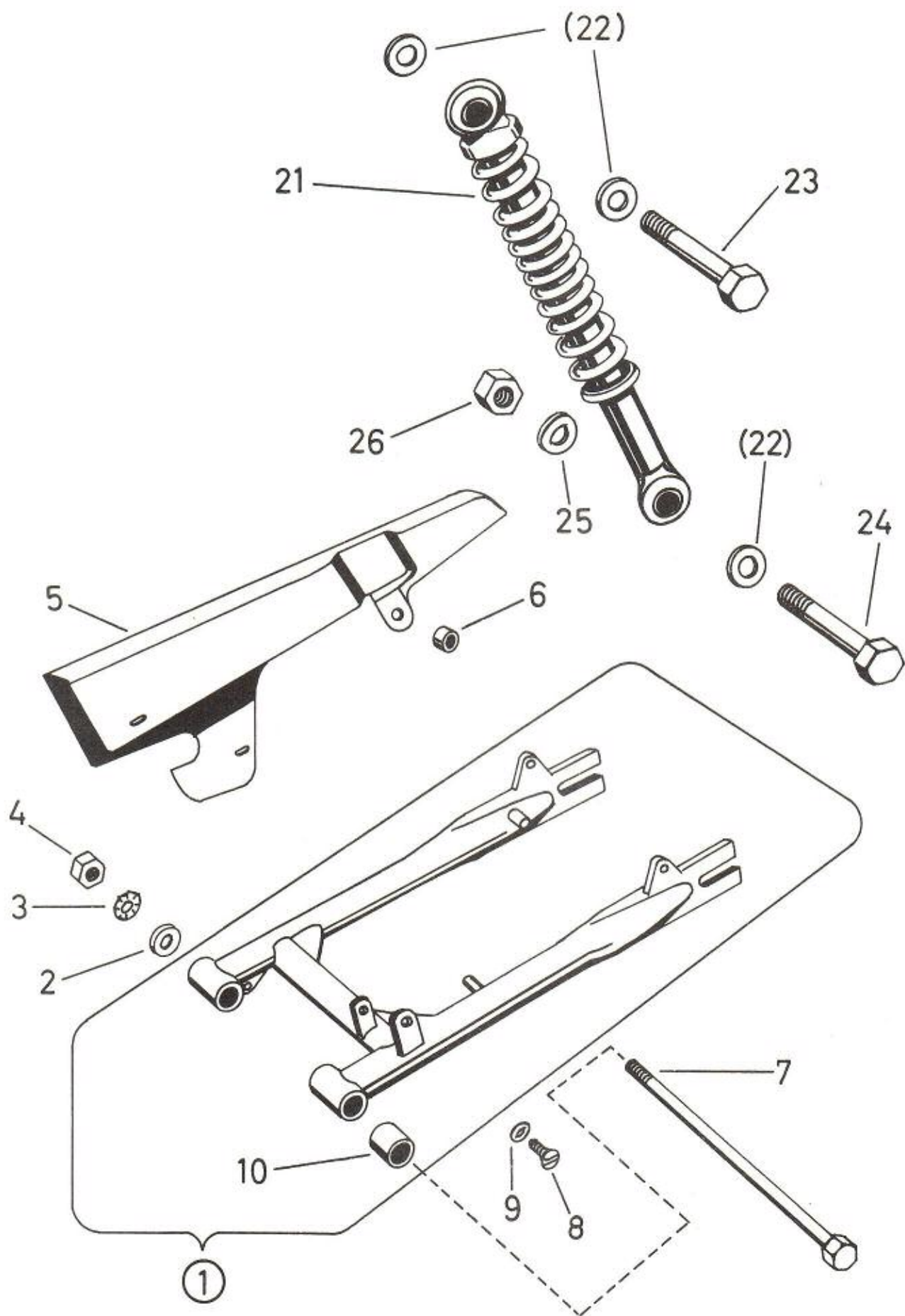
Fig.- No.	Spare-part- No.	Description	Requd.No.
1	321.1.27.400.0	FRONT MUDGUARD compl. (with part 2)	1
2	350.2.27.003.1	CABLE GUIDE	1
3	321.1.27.403.1	BRACE for fender	2
4	24773	HEXAGON NUT M6 DIN 934	N 2
5	900.3213	SPRING WASHER B6 DIN 137	N 2
6	900.1538	PAN HEAD SCREW M6x12 DIN 85	N 8
7	321.1.27.402.1	FENDER BRACKET	2
8	29189	SPRING WASHER B7 DIN 127	N 4
9	24774	HEXAGON NUT M7 DIN 934	N 4
10	901.3946	RUBBER WASHER 15/6,5/2	6
11	900.2966	HEXAGON NUT M6 DIN 985	N 6
21	321.1.27.425.1	COVER for tool box	1
22	321.1.26.407.2	CLAMPING SCREW(M5, 11 long)	1
23	321.1.27.426.1	SEAL STRAP	1
24	321.2.27.410.2	REAR MUDGUARD (with parts 25 and 26)	1
25	900.4181	AL-POP RIVET 4x7,5	2
26	321.1.27.416.2	SHACKLE	1
27	900.1104	HEXAGON SCREW M8x25 DIN 933	N 2
28	900.1005	HEXAGON SCREW M8x38 DIN 931-8.8	N 2
29	321.1.27.424.1	DISTANCE SLEEVE 12/9/7	4
30	101.1.5041	GROMMET	4
31	900.3079	WASHER 8,4 DIN 9021	N 4
32	900.2968	HEXAGON NUT M8 DIN 985	N 4
33	24927	HEXAGON SCREW M6x12 DIN 933	N 1



13. MUDGUARDS (cont.)

X 50
3

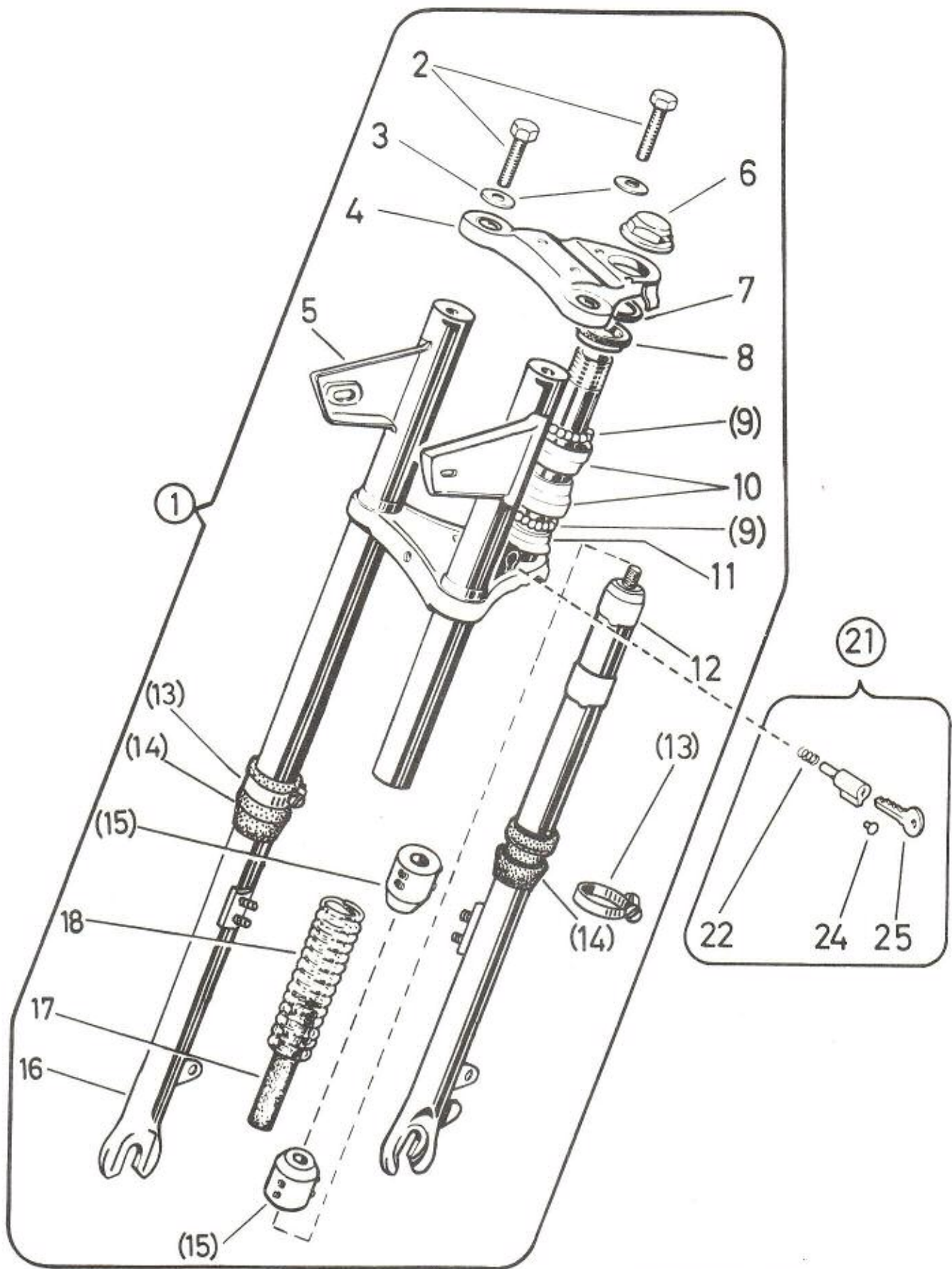
Fig.- No.	Spare-part- No.	D e s c r i p t i o n	Requd.No.
34	900.3213	SPRING WASHER B6 DIN 137	N 1
35	900.3076	WASHER 6,4 DIN 9021	N 1
36	321.1.27.415.1	TRANSFER PICTURE (PUCH)	2
37	900.2955	HEXAGON NUT M5 DIN 985	N 2
38	900.3077	WASHER 5,3 DIN 9021	N 2
39	359.1.27.025.2	LISENCE PLATE	1



X50/21/1 D

14. PIVOTED FORK, SHOCK ABSORBER X 50
3

Fig.- No.	Spare-part- No.	Description	Requd.No.
1	321.1.21.400.0	PIVOTED FORK compl. (with bushes pressed-on)	1
2	900.3013	WASHER 13 DIN 125	N 1
3	900.3258	SERRATED LOCK WASHER A12,5 DIN 6798	N 1
4	900.2316	HEXAGON NUT M12x1 DIN 936	N 1
5	321.1.21.418.1	CHAIN GUARD	1
6	321.1.21.424.1	DISTANCE SLEEVE 12,5/8,2/3	1
7	321.1.21.410.2	BEARING BOLT (M12x1, 204 long)	1
8	25429	FLAT HEADED BOLT M5x12 DIN 85	N 3
9	900.3217	SPRING WASHER A5 DIN 137	N 3
10	900.9915	RUBBER BLOCK 26,5/12/38	2
21	321.1.21.450.0	SHOCK ABSORBER compl.	2
22	900.3079	WASHER 8,4 DIN 9021	N 6
23	22856.1	HEXAGON SCREW M8x45 DIN 931-8.8	N 2
24	27397	HEXAGON SCREW M8x40 DIN 931-8.8	N 2
25	900.3211	SPRING WASHER B8 DIN 137	N 2
26	900.2016	HEXAGON NUT M8 DIN 934-8	N 2

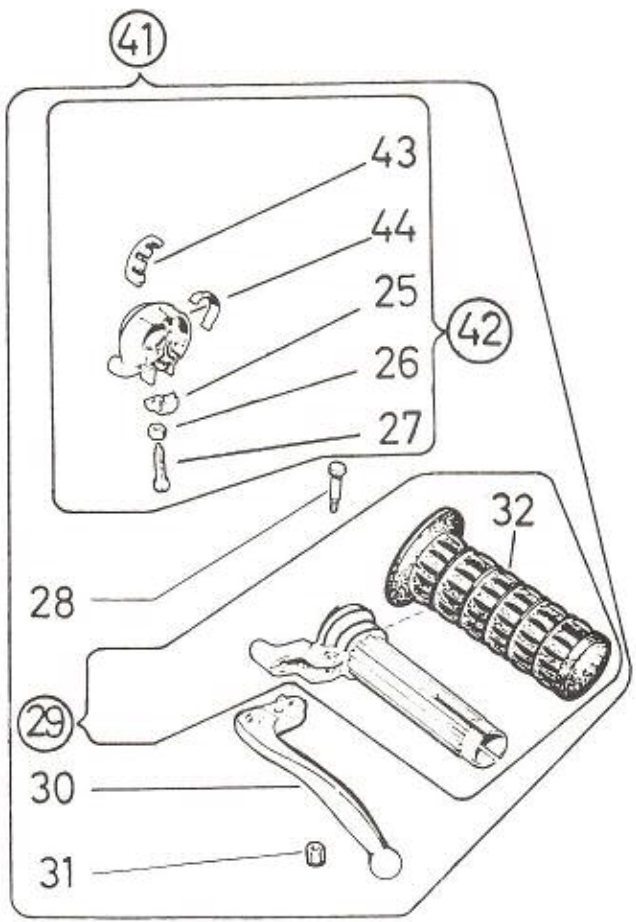
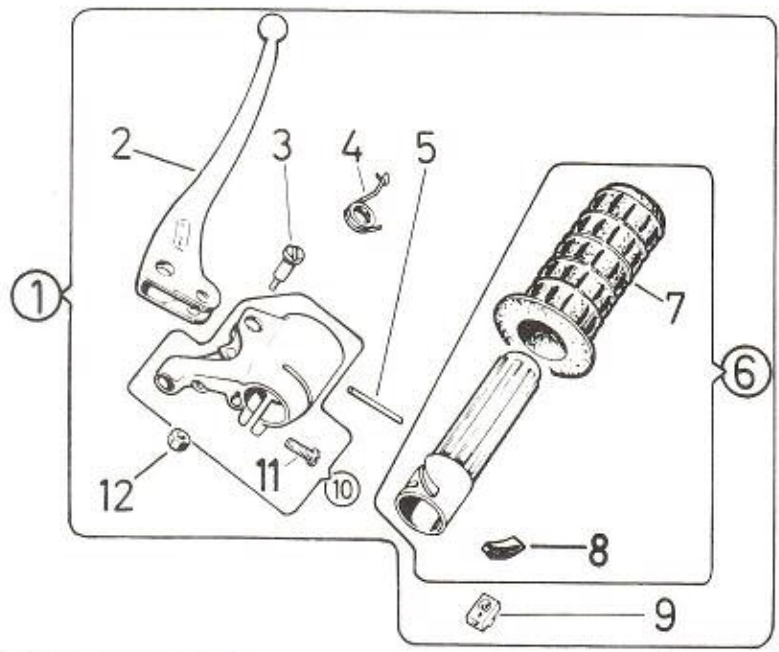
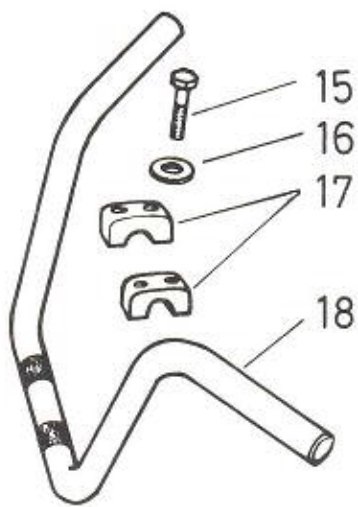


X 50/30/2 D

15. FRONT FORK with steering

X 50
3

Fig.- No.	Spare-part- No.	Description	Requd.No.
1	321.1.30.400.0	FRONT FORK compl.	1
2	900.1052	HEXAGON SCREW M8x25 DIN 933-8.8	N 2
3	24797	WASHER 8,4 DIN 125	N 2
4	321.3.30.407.2	TOP BRIDGE for fork	1
5	321.1.30.406.2	BOTTOM BRIDGE FOR FORK	1
6	349.1.30.518.1	FORK SHAFT NUT	1
7	901.3935	WASHER 32/26,2/2,5	1
8	321.1.30.708.1	TOP GUIDE BUSHING	1
9	25226	BALL RETAINER Ø5	42
10	25221	BEARING CUP	2
11	25220	BOTTOM GUIDE BUSHING	1
12	321.1.30.415.2	SLIDING TUBE left	1
13	900.9888	FIXING CLIP (32-52) Minus 1	2
14	321.1.30.428.1	RUBBER SLEEVE	2
15	321.1.30.935.1	THREADING COUPLING	4
16	321.1.30.416.2	SLIDING TUBE right	1
17	321.1.30.920.1	RUBBER SPRING	2
18	321.1.30.934.1	THRUST SPRING	2
21	330.1.20.052.9	LOCK compl. (with parts 22-25)	1
22	330.1.20.059.1	THRUST SPRING	1
24	330.1.20.060.1	AL-NOTCHED RIVET	1
25	350.2.30.023.1	SPARE KEY "Neiman" (please state key-number)	-
or			
25	321.1.20.153.1	SPARE KEY "Puch" (please state key-number)	-

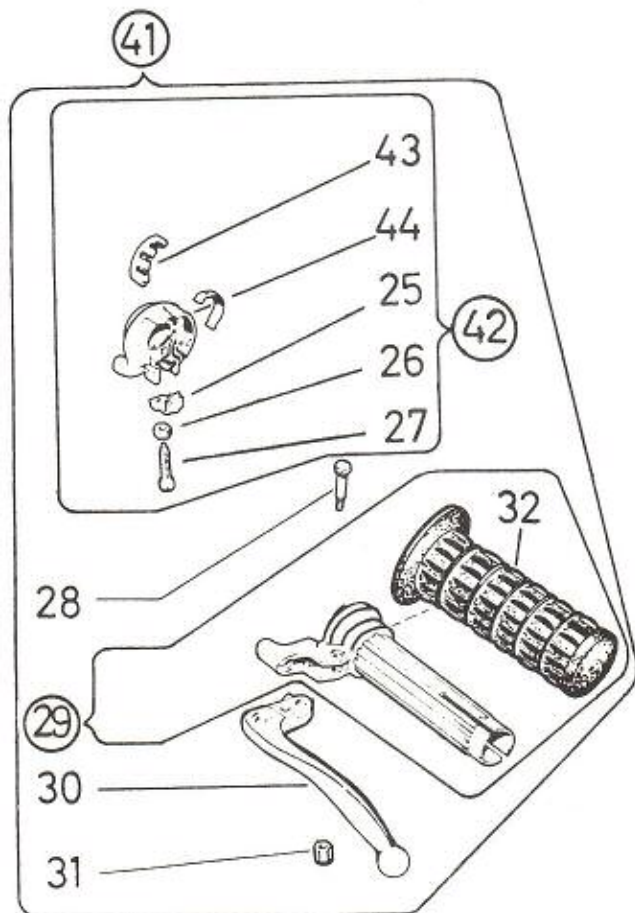
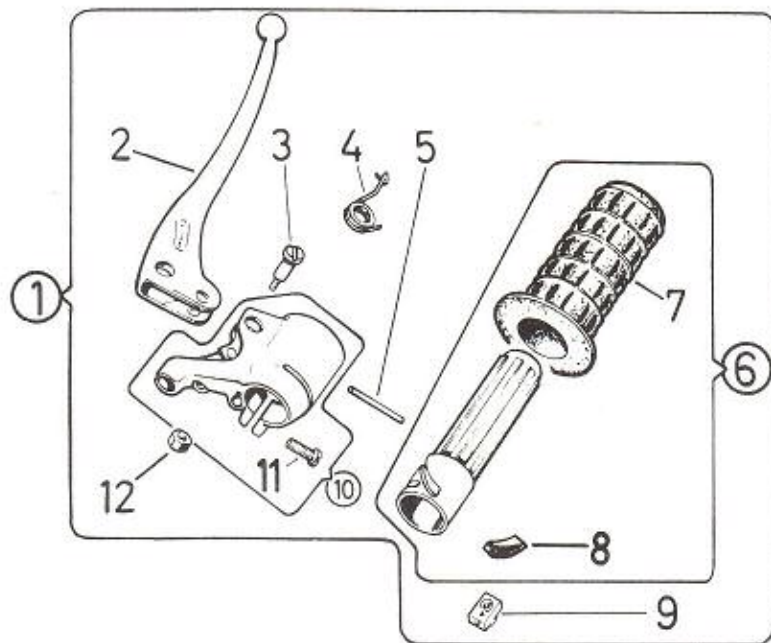
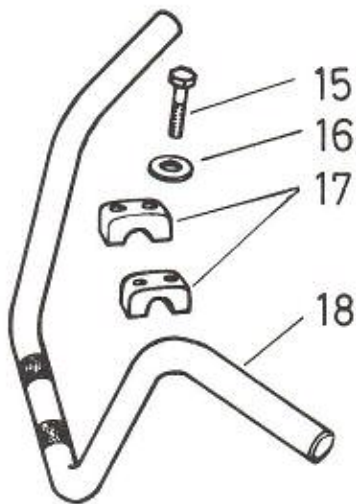


X50/32/1 E

16. HANDLEBAR AND ARMATURES

X 50
3

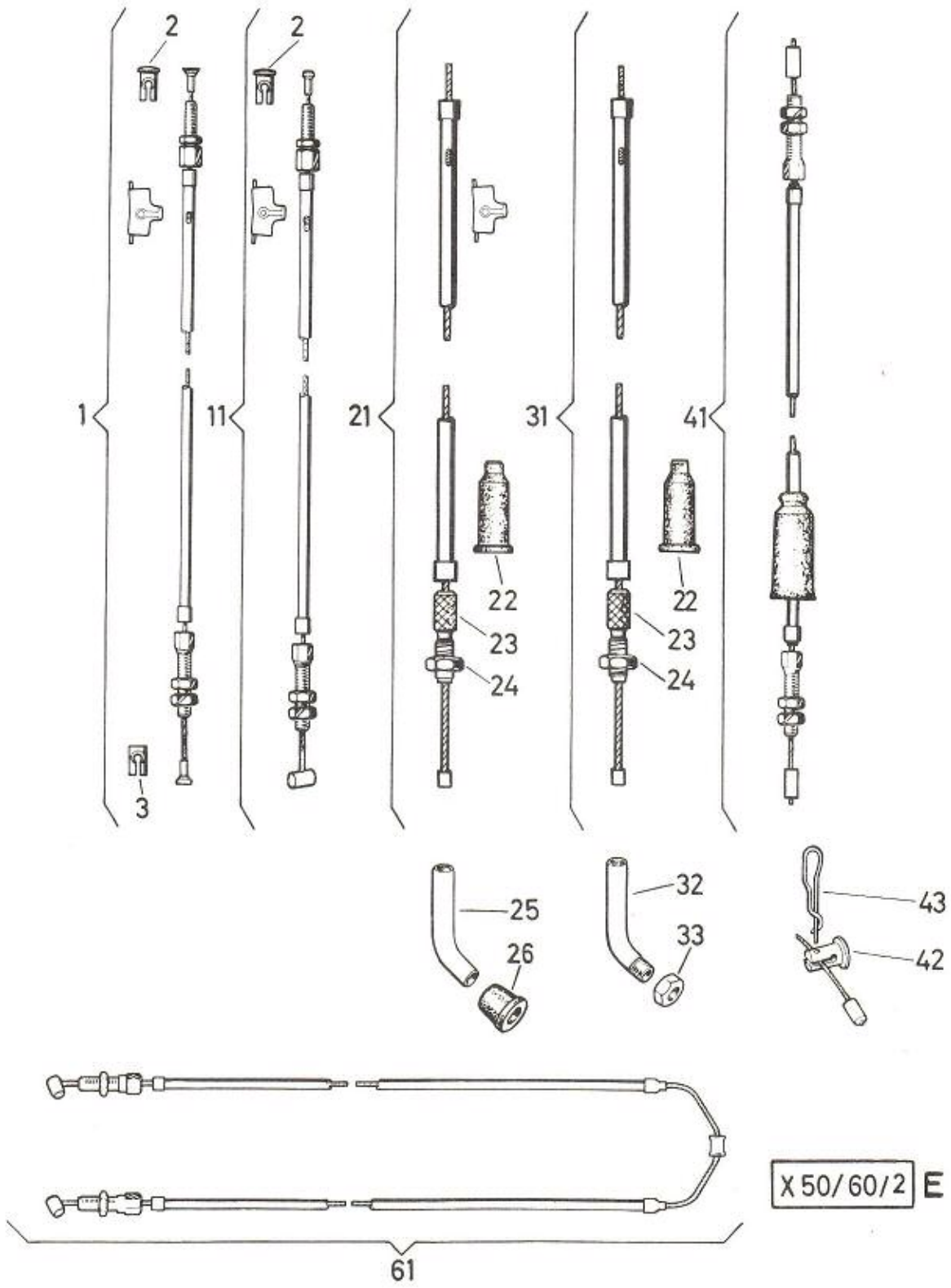
Fig.- No.	Spare-part- No.	Description	Requd.No.
1	350.5.32.005.0	THROTTLE TWIST GRIP compl.	1
2	328.2.32.028.1/31	BRAKE LEVER (matte black)	1
3	050.3227	LEVER BOLT (M5)	1
4	349.1.32.809.1	RETURN SPRING right	1
5	902.4822	SPIRAL PIN 2x26 DIN 7343	N 1
6	350.5.32.008.0	THROTTLE TWIST GRIP TUBE (with parts 7 and 8)	1
7	349.1.32.815.1	TWIST GRIP COVER	1
8	349.1.32.009.1	BRAKE SPRING	1
9	349.1.32.110.0	SLIDING BLOCK compl.	1
10	350.4.32.007.0	HOUSING compl. (with thread M 6, matte black)	1
11	050.3222	PAN HEAD SCREW (M6)	1
12	349.3.32.028.1	PLASTIC NUT (for thread M 5)	1
13	349.4.32.030.0	ACTUATING LEVER compl. (for starting)	1
14	360.3.32.038.0	NIPPLE compl.	1
15	900.1135	HEXAGON SCREW M7x45 DIN 931-8.8	N 4
16	501.1.24.060.1	WASHER 17/7,4/1,5	4
17	321.1.30.402.1	CLAMP	2
18	321.2.32.301.1/E1	HANDLEBAR TUBE (chrome black)	1
25	350.1.32.113.1	RETAINING ANGLE	1
26	350.1.32.112.1	HEXAGON NUT	1
27	350.2.32.111.1	HEXAGON SCREW (M6, 6mm SW)	1
28	350.1.32.114.1	LEVER BOLT (M5)	1



X50/32/1 E

16. HANDLEBAR AND ARMATURES (cont.) X 50
3

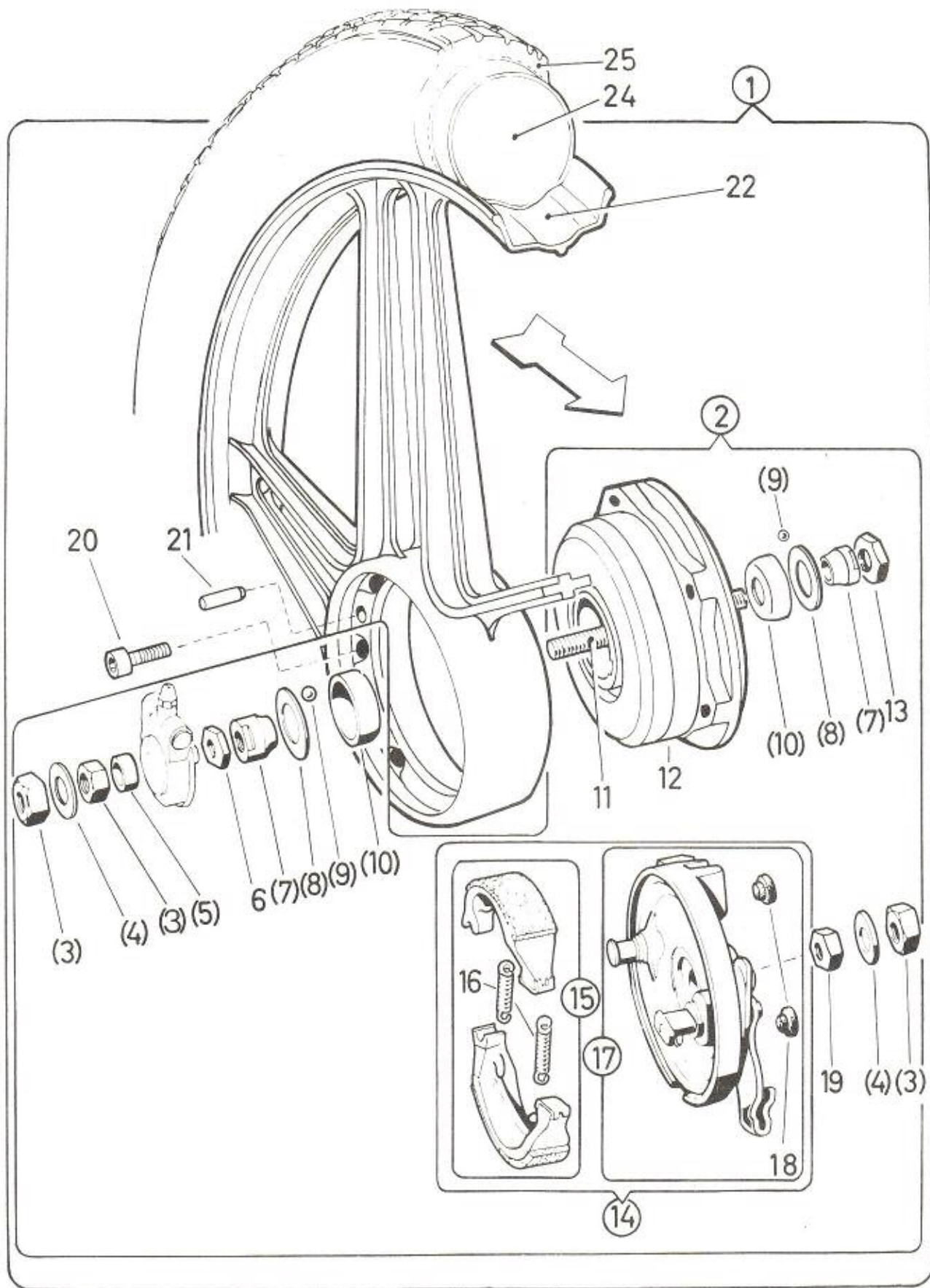
Fig.- No.	Spare-part- No.	Description	Requd.No.
29	350.3.32.215.0	THROTTLE TWIST GRIP compl. (with cover)	1
30	320.3.32.017.2/31	Hand lever (matte black)	1
31	349.3.32.028.1	PLASTIC NUT (for thread M5)	1
32	349.1.32.815.1	TWIST GRIP COVER	1
41	360.3.32.204.0	GEARSHIFT TWIST GRIP compl.	1
42	360.2.32.110.0/31	GEARSHIFT TWIST GRIP HOUSING compl. (matte black)	1
43	360.2.32.116.1	GEARSHIFTING QUADRANT	1
44	360.2.32.120.1	SHIELD FOR SCALE	1



17. CABLES

X 50
3

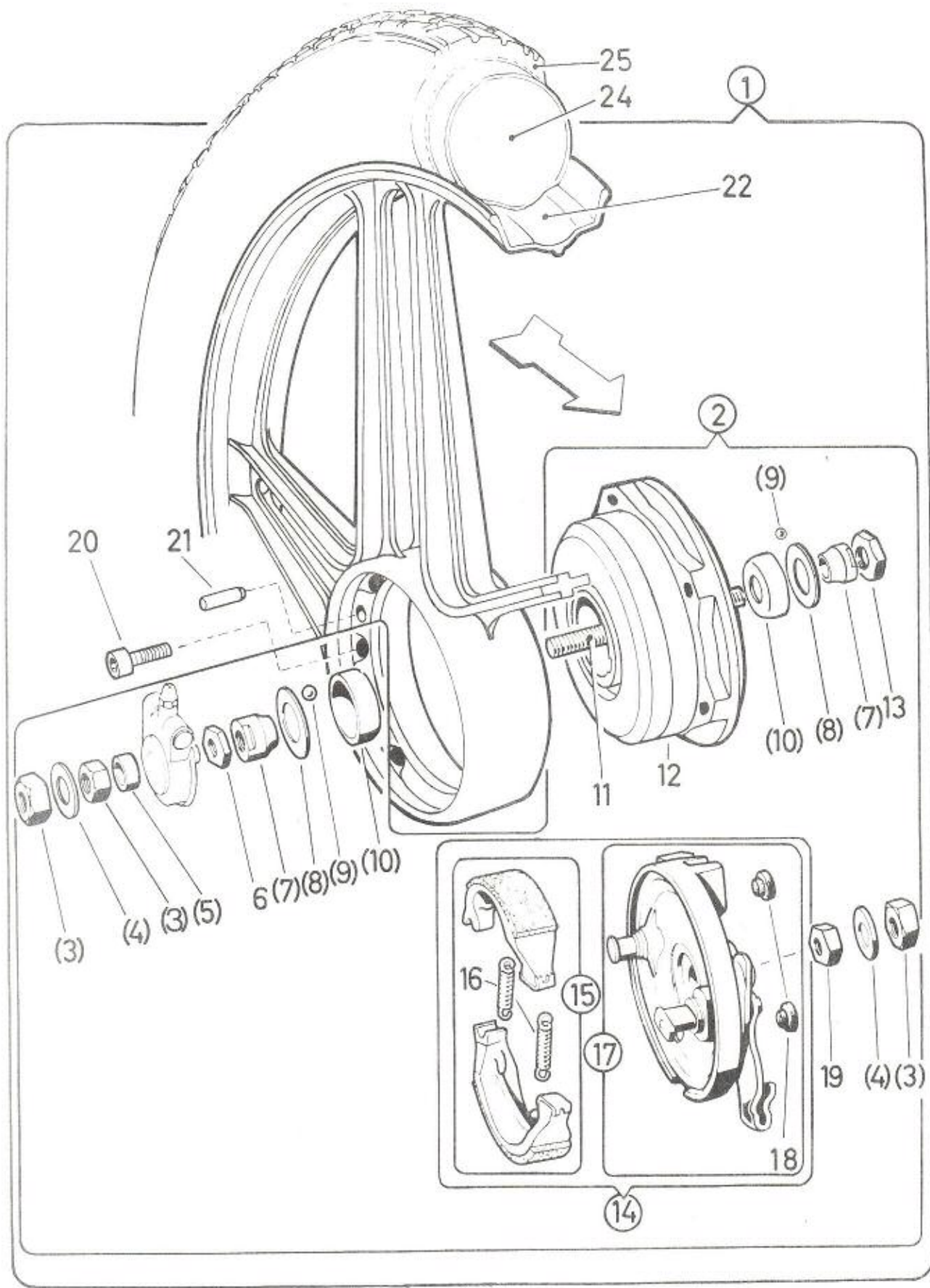
Fig.- No.	Spare-part- No.	Description	Requd.No.
1	910.2.13.007.0	CLUTCH CABLE compl. (wire 1325/cover 1200)	1
2	910.0.12.002.1	CABLE RETAINER	2
3	910.0.12.003.1	CABLE RETAINER	1
11	910.3.25.001.0	FRONT BRAKE CABLE compl. (wire 1080/cover 880)	1
21	910.5.24.003.0	THROTTLE (CARBURETTOR) CABLE compl. (wire 1030/cover 895)	1
22	337.1.15.120.1	GROMMET	2
23	321.1.15.420.1	ADJUSTING SCREW (M6x0,75x25) (replacement for 26783)	2
24	26779	HEXAGON NUT (M6x0,75)	2
25	321.1.15.418.1	PIPE ELBOW	1
26	321.1.15.421.1	GROMMET	1
31	910.4.01.008.0	STARTER (CHOKE) CABLE compl. (wire 1030/cover 910)	1
32	321.2.15.418.1	PIPE ELBOW	1
33	321.1.15.417.1	HEXAGON NUT (BM7x0,75) (replacement for 900.2927)	1
41	910.8.22.001.0	REAR WHEEL BRAKE CABLE compl. (wire 590/cover 345)	1
42	910.0.07.007.1	CONNECTING BOLT	1
43	101.1.4113	LOCK SPRING	1
61	910.6.04.008.2	GEARSHIFT CONTROL CABLE (wire 2610/cover 2x1170)	1



Ma/40/5/1 US.

18. FRONT WHEEL (cast alloy type with screwed-in hub) X 50
3

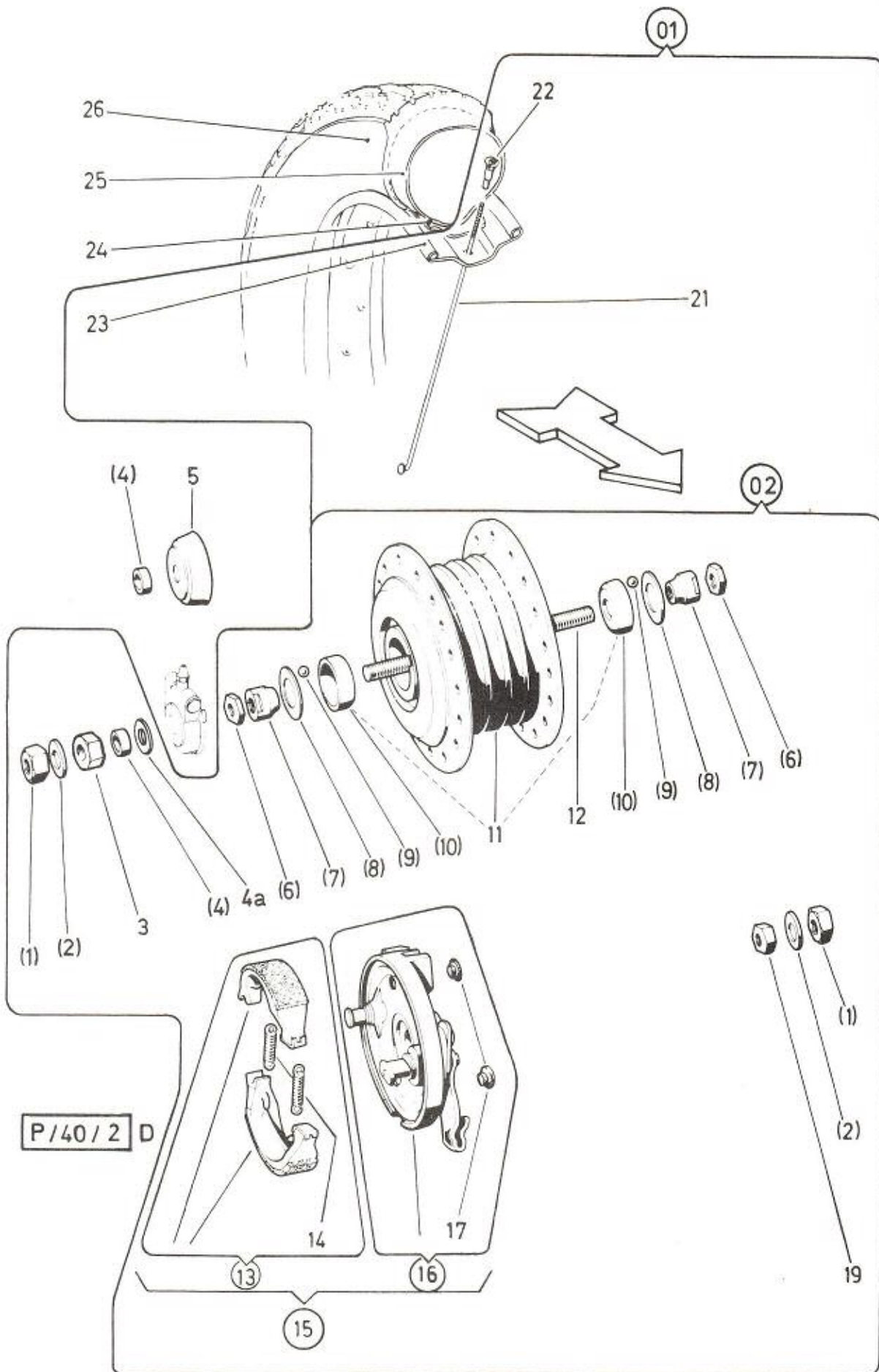
Fig.- No.	Spare-part- No.	Description	Requd.No.
1	321.1.40.300.0	FRONT WHEEL compl.	1
2	321.1.40.202.0	FRONT WHEEL HUB compl. (Leleu Ø80)	1
3	25015	HEXAGON NUT (axle nut) M12x1 DIN 934	N 3
4	901.3919	WASHER 20/12,5/1,6	2(4)
5	321.1.40.204.1	SPACER RING 18/12,1/4	1
6	321.1.40.208.1	HEXAGON NUT M12x1, 5mm high, 17 SW	1
7	349.1.41.010.1	CONE Ø20x13,5	2
8	349.1.41.004.1	COVER DISC 29,2/21/0,4	2
9	22754	BALL 3/16"	26
10	349.1.41.006.1	BEARING CUP Ø29	2
11	321.1.40.226.1	FRONT WHEEL AXLE (M12x1, 156 long)	1
12	321.1.40.203.2	FRONT WHEEL HUB (with pressed-in bearing hubs)	1
13	349.1.41.014.1	HEXAGON NUT (12x1, 5mm high, 19 SW)	1
14	321.1.40.207.0	BRAKE COVER PLATE compl.	1
15	349.1.40.015.9	PAIR OF BRAKE SHOES (with brake shoe springs)	1
16	349.1.40.019.1	BRAKE SHOE SPRING	2
17	321.1.40.207.9	BRAKE COVER PLATE loose	1
18	349.1.40.816.1	PLUG	2
19	24787	HEXAGON NUT (M12x1,7 mm high, 19 SW)	1
20	321.1.40.205.1	CHEESE HEAD SCREW with internal hexagon (M8x22 - 8.8)	5



Ma/40/5/1 US.

18. FRONT WHEEL (cast alloy type with screwed-in hub)(cont.)X 50
3

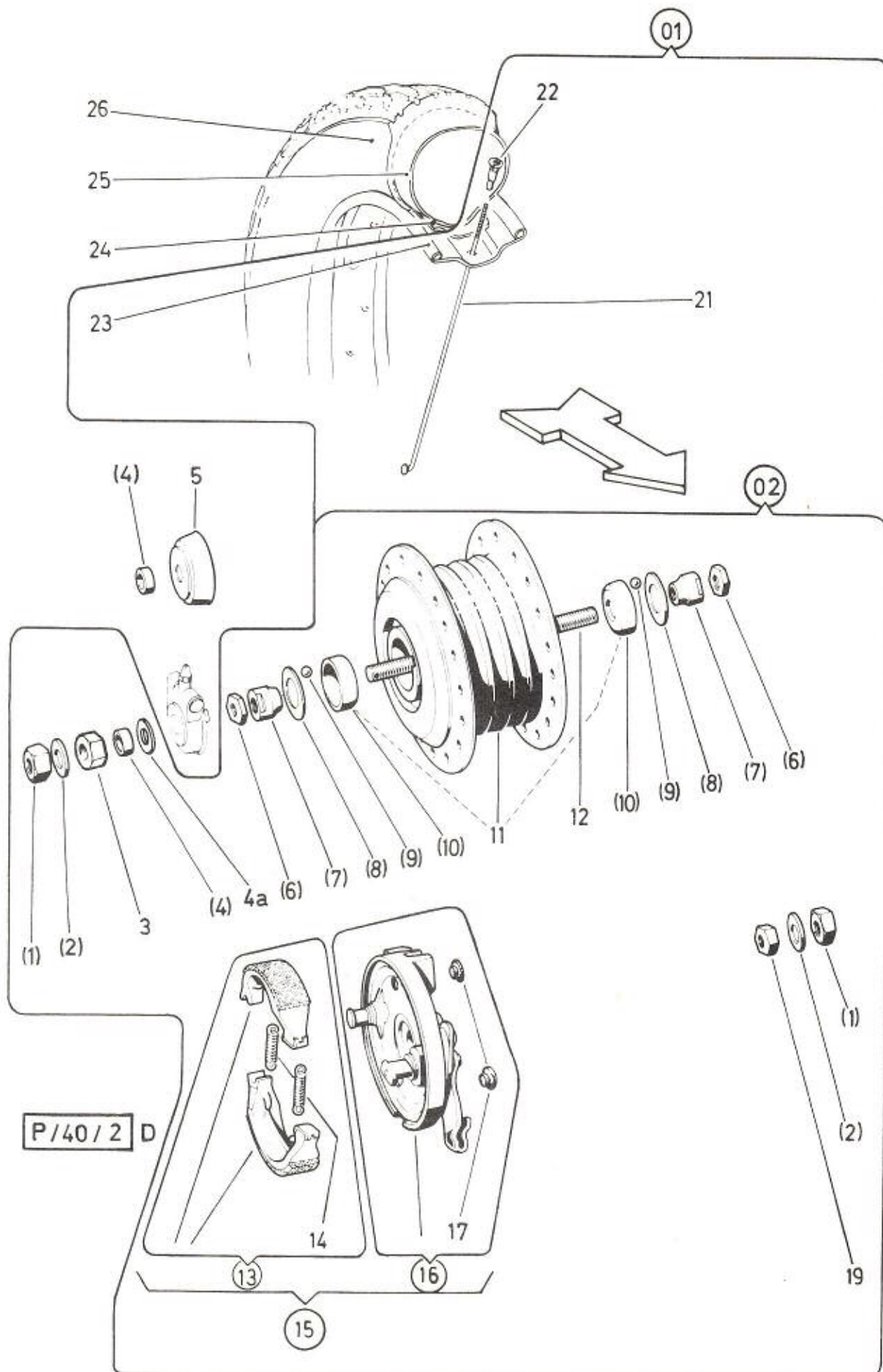
Fig.- No.	Spare-part- No.	D e s c r i p t i o n	Requd.No.
21	901.4857	SPIRAL PIN (N8x20)	1
22	321.1.40.233.1	MAG. RIM 17"	1
24	901.0820	INNER TUBE 21"x2,50/2,75"	1
25	902.0854	TIRE 2 1/2" - 17"	1



18a. FRONT WHEEL (wire spoke)

X 50
3

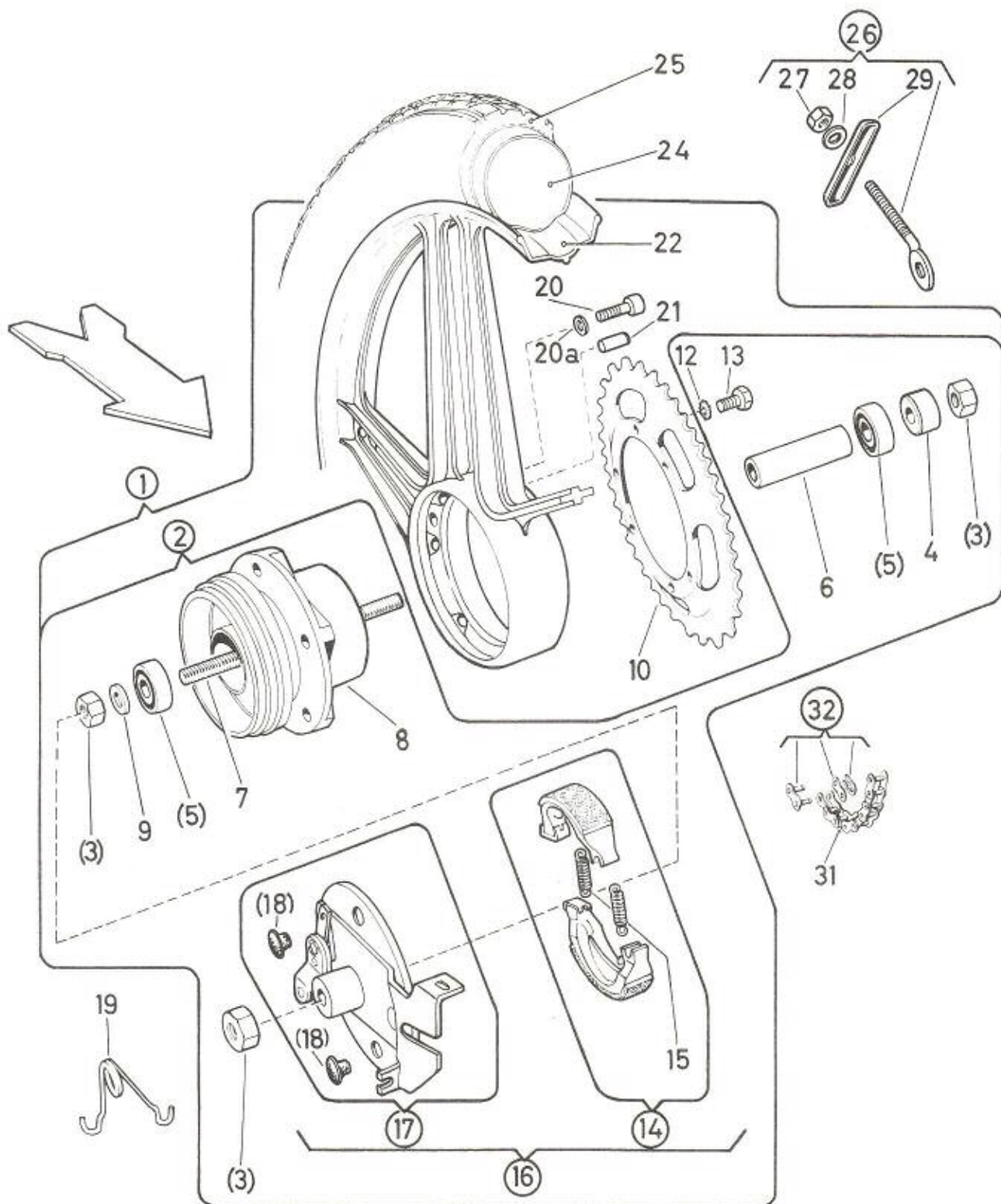
Fig.- No.	Spare-part- No.	Description	Requd.No.
01	349.3.40.800.0	FRONT WHEEL compl. with steel rim 17"x1,35" (without tire)	1
02	349.3.40.802.0	FRONT WHEEL HUB compl. (Leleu Ø80)	1
1	349.1.40.016.1	HEXAGON NUT (axle nut) (M11x1, 10mm high, SW 19)	2
2	604.4124	WASHER 19/11,3/08	2
3	349.3.40.008.1	HEXAGON NUT (M11x1, 9mm high, SW 22)	1
4	349.2.40.004.1	DISTANCE RING 16/11,2/5,5	1
4a	27564	WASHER (0,3, 0,5 and 1 mm thick)	as requd.
5	-----	not for this model	-
6	349.1.40.008.1	HEXAGON NUT (M11x1, 5 mm high, SW 17)	3
7	349.1.40.010.1	CONE Ø18x13	2
8	349.1.40.011.1	COVER DISC 29,2/18,5/0,4	2
9	22757	BALL 7/32"	22
10	349.1.40.006.1	BEARING CUP Ø29x10,5	2
11	349.1.40.003.2	FRONT WHEEL BRAKE HUB (with pressed-in bearing cups)	1
12	349.1.40.026.1	FRONT WHEEL AXLE, 156 long	1
13	349.1.40.015.9	PAIR OF BRAKE SHOES with brake shoe spring	1
14	349.1.40.019.1	BRAKE SHOE SPRING	2
15	349.1.40.807.0	BRAKE COVER PLATE compl.	1
16	349.1.40.807.9	BRAKE COVER PLATE (with steel brake hub and riveted brake lever)	1
17	349.1.40.816.1	PLUG	2
19	349.3.40.014.1	HEXAGON NUT (M11x1, 7mm high, SW 22)	1



18a. FRONT WHEEL (wire spoke) (cont.)

X 50
3

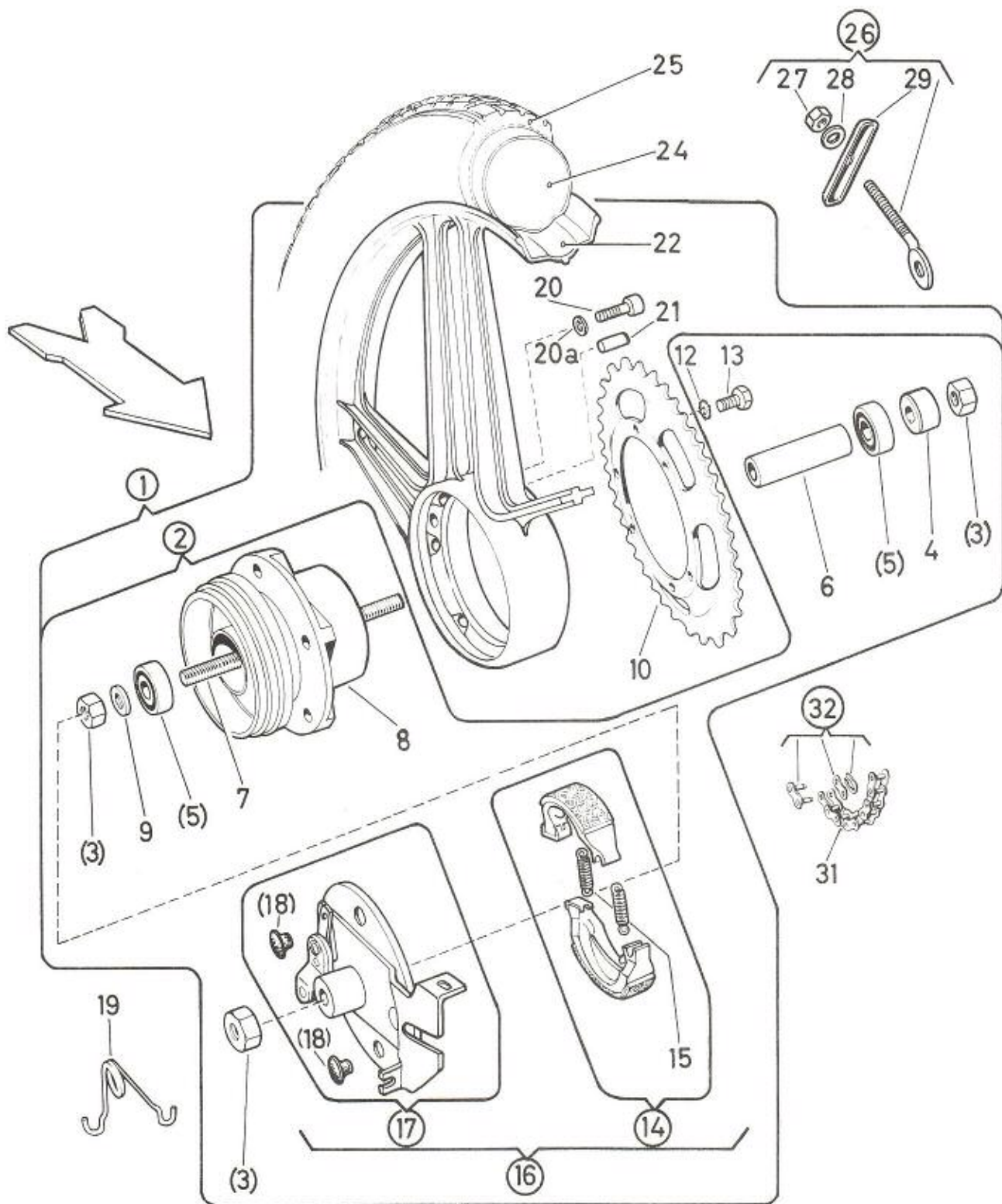
Fig.- No.	Spare-part- No.	D e s c r i p t i o n	Reqd.No.
21	349.5.40.030.1	SPOKE Ø2,6x188	36
22	349.1.40.031.1	NIPPLE M3	36
23	321.2.40.133.1	RIM 17"x1,35"	1
24	901.0894	RIM BAND	1
25	901.0820	INNER TUBE 21"x2,50/2,75"	1
26	902.0854	TIRE 2 1/2 - 17	1



X50/41/1 D

19. REAR WHEEL (cast alloy type with screwed-in hub) X 50
DRIVING CHAIN 3

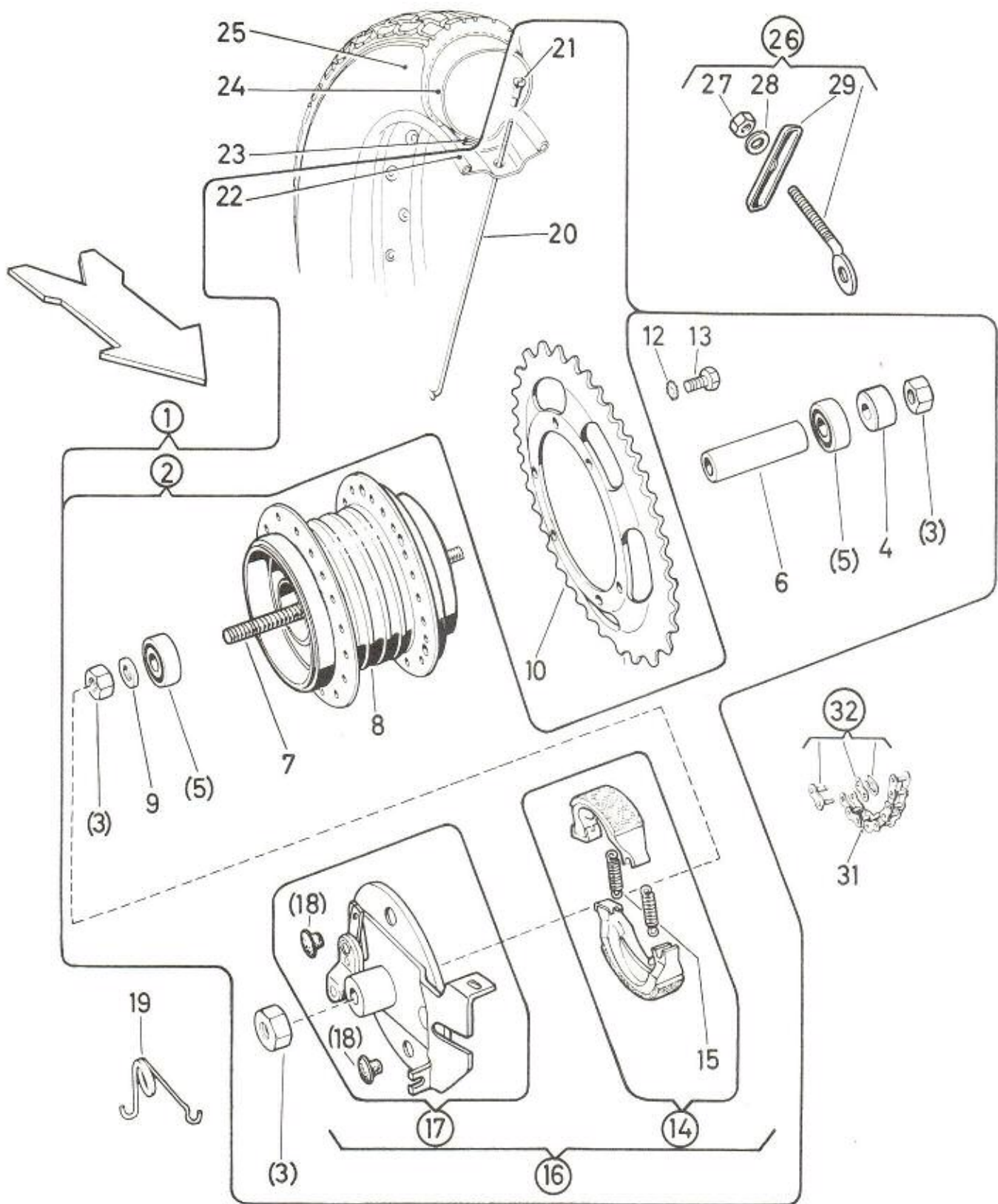
Fig.- No.	Spare-part- No.	Description	Requd.No.
1	321.5.41.300.0	REAR WHEEL compl. (with 47 toothed chain sprocket) without tire	1
2	321.3.41.302.0	REAR WHEEL HUB compl. (Leleu Ø100)	1
3	25015	HEXAGON NUT (axle nut) M12x1 DIN 934	N 3
4	321.1.41.425.1	SPACER SLEEVE 25/12,1/18,5	1
5	900.6234	BEARING CUP 32/12/10 (6201Z)	2
6	321.1.41.423.1	SPACER SLEEVE 16/13/66	1
7	349.5.41.826.1	REAR WHEEL AXLE (M12x1, 182 long)	1
8	321.3.41.303.1	REAR WHEEL HUB	1
9	349.5.41.824.1	SPACER RING 18/12,1/2,5	1
10	321.1.41.447.1	CHAIN SPROCKET (47 teeth)	1
12	900.3265	SERRATED LOCK WASHER A8,4 DIN 6798	N 6
13	900.1145	HEXAGON SCREW M8x20 DIN 933-8.8	N 6
14	321.1.41.415.9	PAIR OF BRAKE SHOES with brake shoe spring	1
15	321.1.41.419.1	BRAKE SHOE SPRING	2
16	321.1.41.407.0	BRAKE COVER PLATE compl.	1
17	321.1.41.407.9	BRAKE COVER PLATE (with steel brake hub and riveted brake lever)	1
18	349.1.41.816.1	PLUG	2
19	321.1.41.415.1	RETURN SPRING	1
20	321.1.40.205.1	CHEESE HEAD SCREW with internal hexagon (M8x22 - 8.8)	5
20a	501.1.2243	WASHER 15,2/8,3/0,5	as req.
20a	24806	WASHER 8,4 DIN 433 (1,5 thick)	as req.



X50/41/1 D

19. REAR WHEEL (cast alloy type with screwed-in hub) X 50
 DRIVING CHAIN (cont.) 3

Fig.- No.	Spare-part- No.	D e s c r i p t i o n	Requd.No.
21	901.4857	PIN (N8x20)	1
22	321.1.40.233.1	RIM (casting) 17"	1
24	901.0820	INNER TUBE 21"x2,50/2,75"	1
25	902.0854	TIRE 2 1/2" - 17"	1
26	349.2.41.011.0	CHAIN TENSIONER compl.	2
27	900.2014	HEXAGON NUT M6 DIN 934	N 2
28	24804	WASHER 6,4 DIN 433	N 2
29	321.1.41.417.1	CLAMPING CLIP	2
31	907.6.28.108.0	DRIVING CHAIN compl. (1/2x3/16x7,75) 108 rollers	1
32	907.6.28.001.0	CHAIN MASTER LINK compl.	1

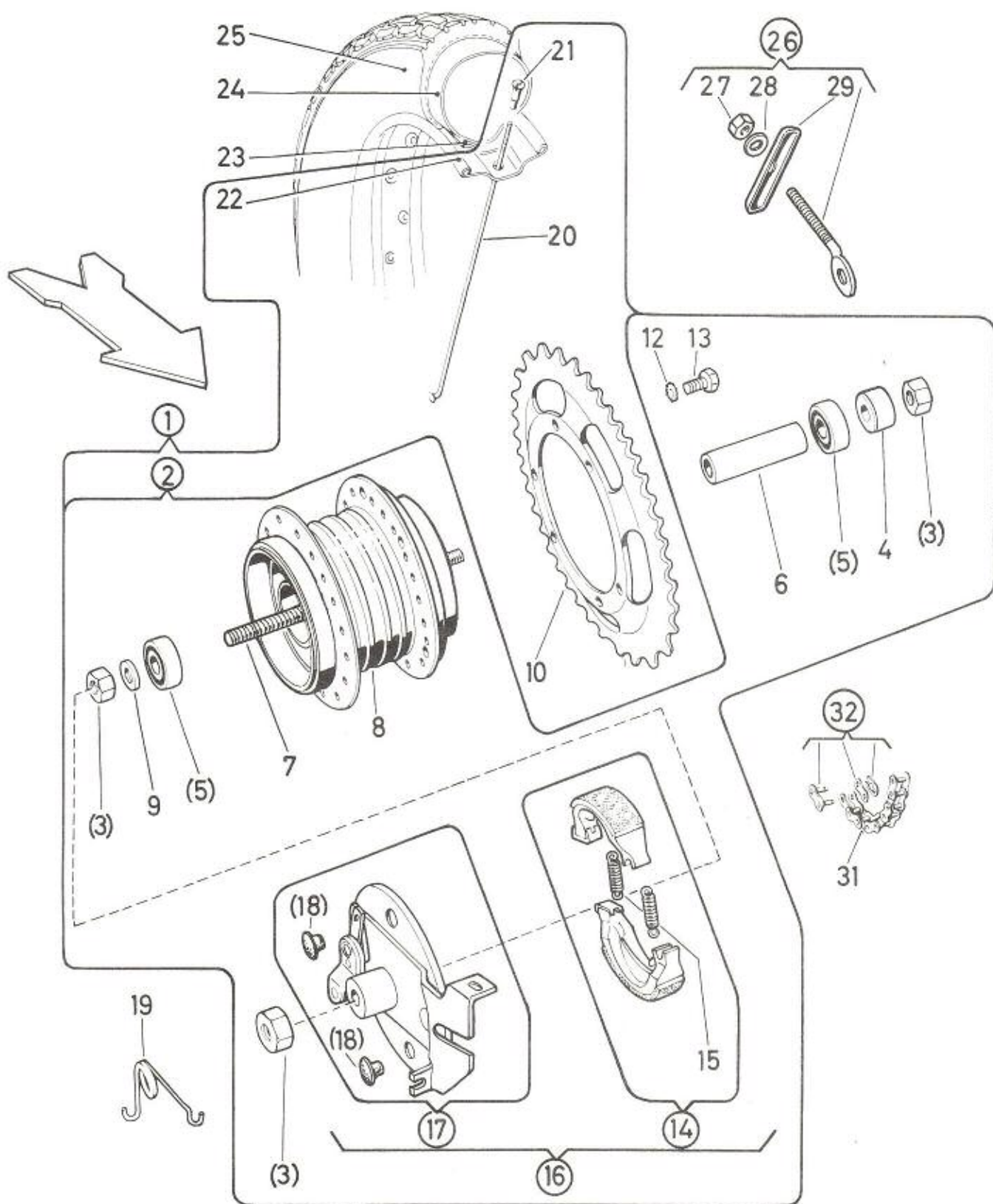


X 50/41/2 D

19a. REAR WHEEL (Wire spoke) DRIVING CHAIN

X 50
3

Fig.- No.	Spare-part- No.	D e s c r i p t i o n	Requd.No.
1	321.3.41.400.0	REAR WHEEL compl. (with 47 toothed chain sprocket)	1
2	321.1.41.402.0	REAR WHEEL HUB compl. (Leleu Ø 100)	1
3	25015	HEXAGON NUT (axle nut) M12x1 DIN 934	N 3
4	321.1.41.425.1	SPACER SLEEVE 25/12,1/18,5	1
5	900.6234	BALL BEARING 32/12/10 (6201Z)	2
6	321.1.41.423.1	SPACER SLEEVE 16/13/66	1
7	349.5.41.826.1	REAR WHEEL AXLE (M12x1, 182 long)	1
8	321.1.41.403.1	REAR WHEEL BRAKE HUB	1
9	349.5.41.824.1	SPACER RING 18/12,1/2,5	1
10	321.1.41.447.1	CHAIN SPROCKET (47 teeth)	1
12	900.3265	SERRATED LOCK WASHER A8,4 DIN 6798	N 6
13	900.1145	HEXAGON SCREW M8x20 DIN 933-8.8	N 6
14	321.1.41.415.9	PAIR OF BRAKE SHOES with brake shoe spring	1
15	321.1.41.419.1	BRAKE SHOE SPRING	2
16	321.1.41.407.0	BRAKE COVER PLATE compl.	1
17	321.1.41.407.9	BRAKE COVER PLATE compl. (with steel brake hub and riveted brake lever)	1
18	349.1.41.816.1	PLUG	2
19	321.1.41.415.1	RETURN SPRING	1
20	349.5.40.030.1	SPOKE Ø2,6x188	36
21	349.1.40.031.1	NIPPLE M 3	36
22	321.2.40.133.1	RIM 1,35x17	1

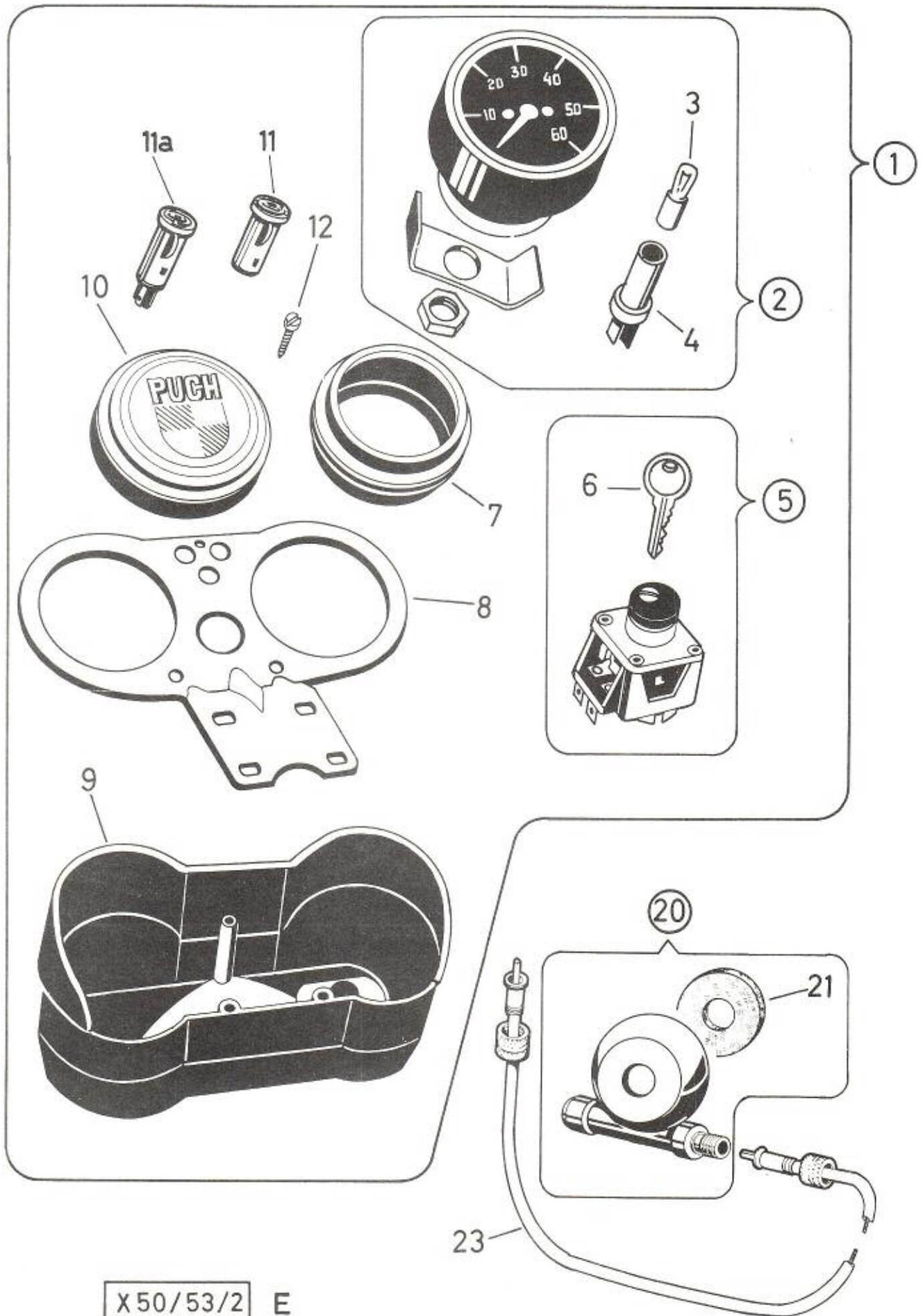


X 50/41/2 D

19a. REAR WHEEL (Wire spoke) DRIVING CHAIN (cont.)

X 50
3

Fig.- No.	Spare-part- No.	D e s c r i p t i o n	Requd.No.
23	901.0894	RIM BAND	1
24	901.0820	INNER TUBE 21"x2,50/2,75"	1
25	902.0854	TIRE 2 1/2 - 17	1
26	349.2.41.011.0	CHAIN TENSIONER compl.	2
27	900.2014	HEXAGON NUT M6 DIN 934	N 2
28	24804	WASHER 6,4 DIN 433	N 2
29	321.1.41.417.1	TENSION CLIP	2
31	907.6.28.106.0	DRIVING CHAIN compl. (1/2x3/16x7,75) 106 Rollen	1
32	907.6.28.001.0	CHAIN MASTER LINK compl.	1



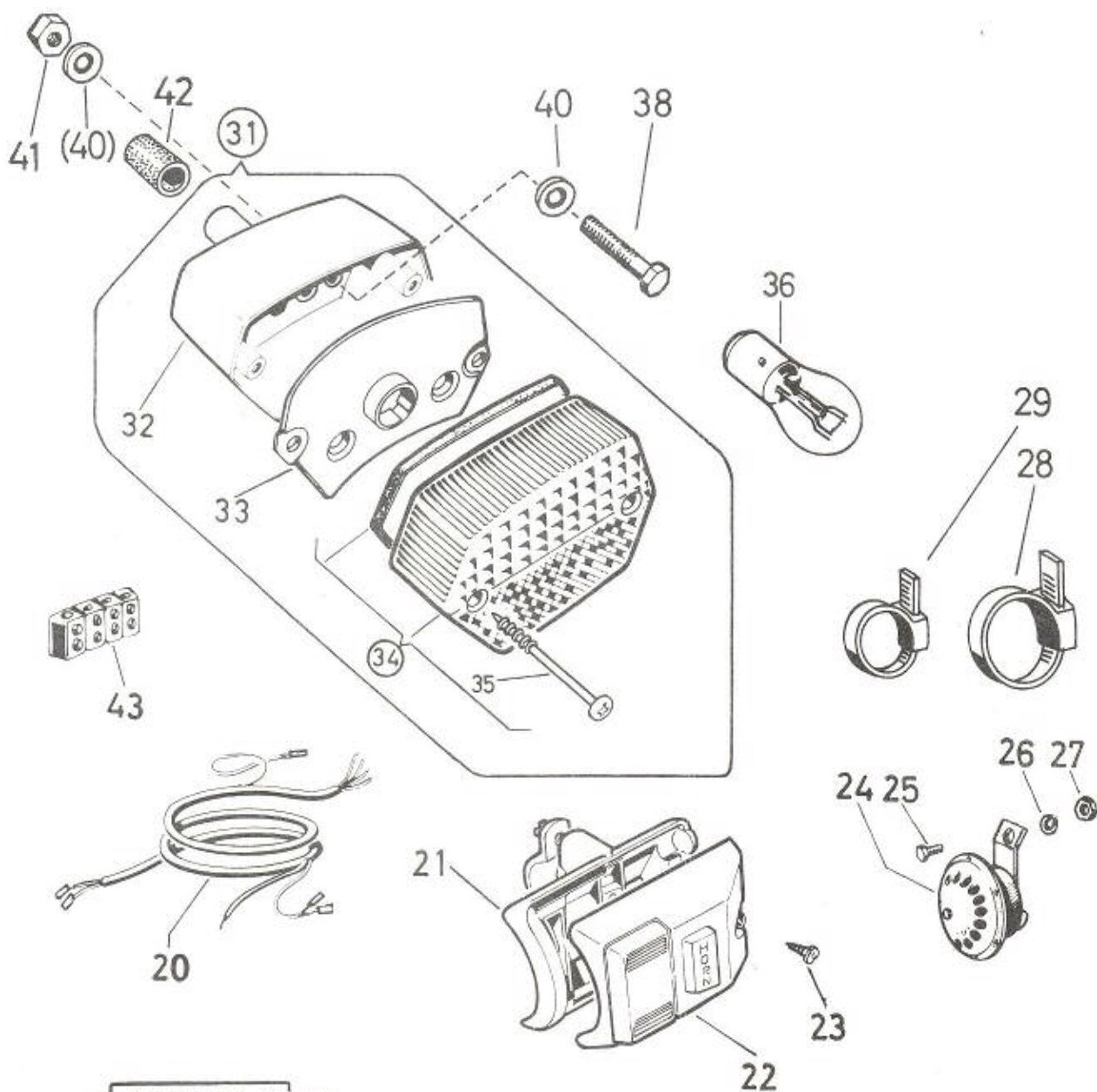
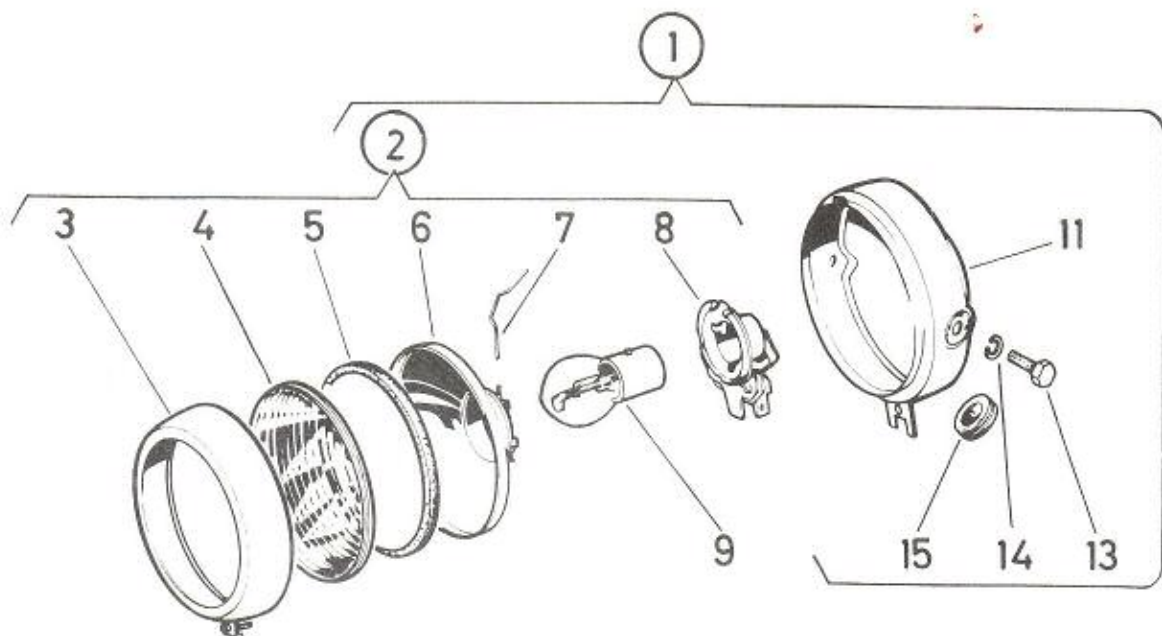
X 50/53/2 E

20. COCK PIT, SPEEDOMETER DRIVE

X 50
3

Fig.- No.	Spare-part- No.	Description	Requd.No.
1	321.5.53.420.9	COCK-PIT compl. (instrument bracket compl.)	1
2	349.1.53.824.0	SPEEDOMETER compl. (40 mp/h)	1
3	900.0762	BULB 6V, 0,6W Socket Ba 7s	1
4	349.1.53.823.2	BULB HOLDER	1
5	321.1.53.417.9	IGNITION SWITCH compl. (with 2 keys)	1
6	350.2.30.023.1	SPARE KEY "Neiman" (please state key-number)	-
or			
6	321.1.20.153.1	SPARE KEY "Puch" (please state key-number)	-
7	328.2.53.530.0	DAMPER HOLDER compl.	1
8	321.2.53.426.1	INSTRUMENT BRACKET PLATE	1
9	321.3.53.428.1	SPEEDOMETER BOX	1
10	328.1.53.532.1	COVER for revolution counter housing	1
11	904.0787	DUMMY LIGHT, yellow	2
11a	904.0794	SIGNAL LAMP blue	1
12	900.9517	ZYLINDERBLECHSCHRAUBE B4,2x16 DIN 7971	N 3
20	349.2.40.050.0	SPEEDOMETER DRIVE compl.	1
20	349.4.40.050.0*	SPEEDOMETER DRIVE compl.	1
21	050.3.4051	SEAL RING (Moltopren) 36/18/5	1
23	367.1.53.025.0	DRIVING SHAFT compl. 700 long	1

* Only for model with cast-alloy wheels

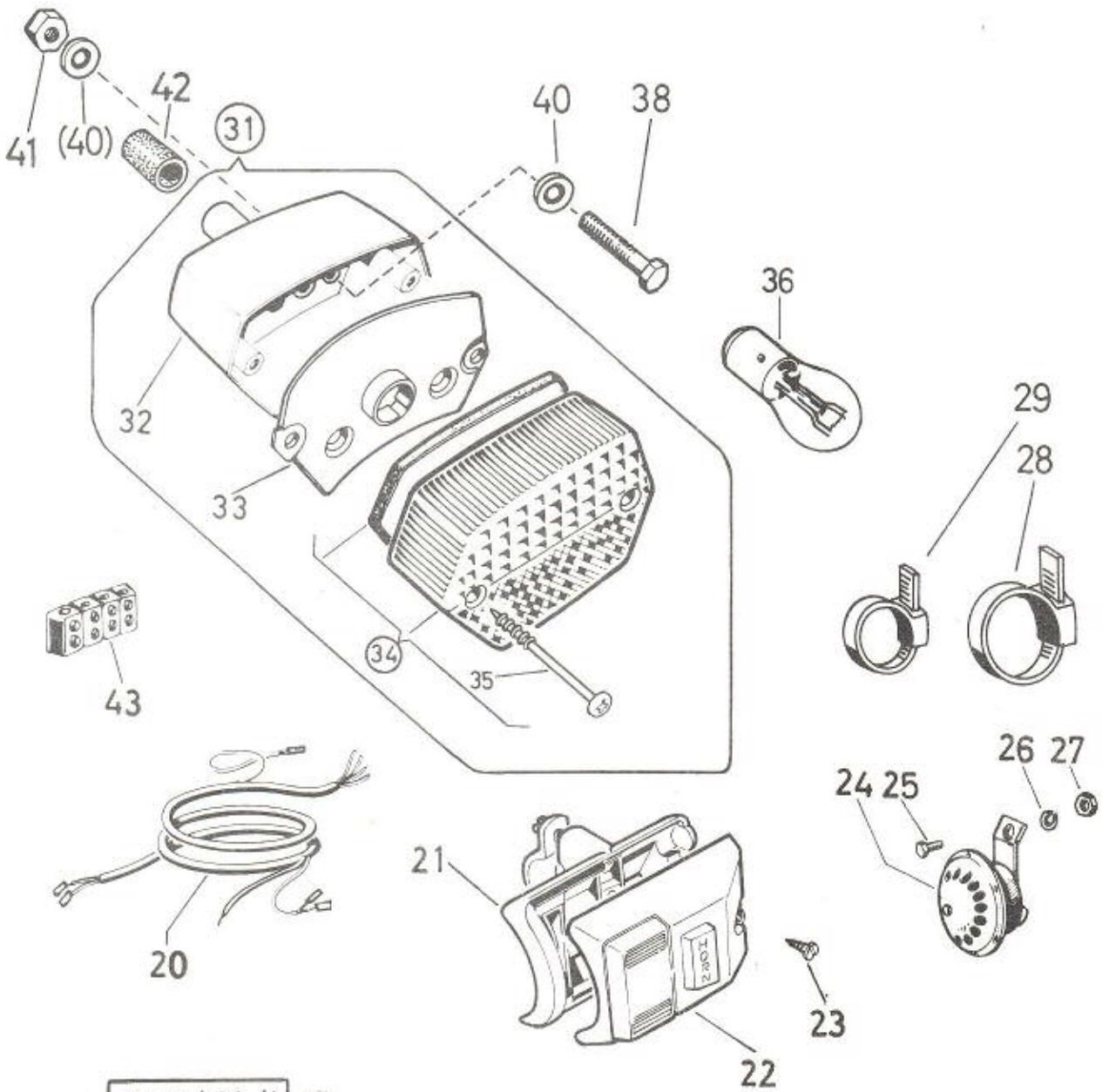
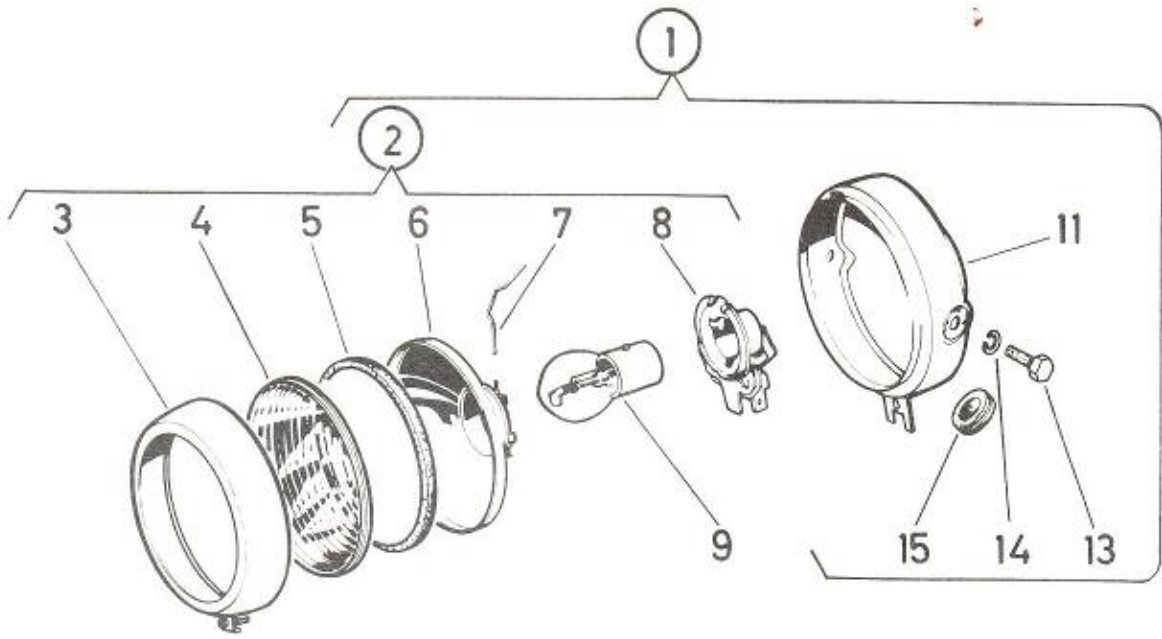


X 50/53/1 E

21. HEADLAMP, TAIL LIGHT, HARNESS

X 50
3

Fig.- No.	Spare-part- No.	Description	Requd.No.
1	359.1.53.100.0	HEADLAMP compl. (Wachter W 120 MP)	1
2	359.1.53.102.0	HEADLAMP UNIT compl. Ø120 (Wachter W 120 S)	1
3	359.1.53.103.2	HEADLAMP RING	1
4	330.1.53.004.1	HEADLAMP GLASS	1
5	330.1.53.006.1	SEAL RING (U-PROFIL), Ø120	1
6	330.1.53.008.2	REFLECTOR (with clips)	1
7	28500	SPRING for reflector	4
8	330.1.53.019.0	BULB HOLDER compl.	1
9	903.0761	BULB B 6V 18/18 DIN 72601 base BA 20d	1
11	359.1.53.101.2	HEADLAMP HOUSING	1
13	25585	HEXAGON SCREW M8x16 DIN 933	N 2
14	26819	SPRING RING B8 DIN 127	N 2
15	328.1.53.013.1	GROMMET	1
20	321.2.57.400.0	HARNESS compl.	1
21	349.1.54.818.0	SWITCH BRACKET compl.	1
22	359.1.53.117.0	SWITCH compl.	1
23	900.9516	CHEESE HEAD SCREW 3,9x13 DIN 7971	N 1
24	321.1.56.400.0	HORN (black)	1
25	24927	HEXAGON SCREW M6x12 DIN 933	N 1
26	26834	SPRING RING B6 DIN 127	N 1
27	24773	HEXAGON NUT M6 DIN 934	N 1
28	901.9805	CABLE BINDER (3,5x280)	1
29	901.9826	CABLE BINDER (4,9x197)	4

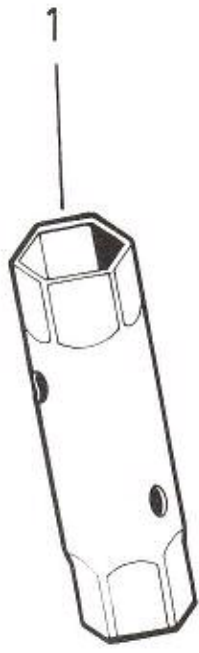


X50/53/1 E

21. HEADLAMP, TAIL LIGHT, HARNESS (cont.)

X 50
3

Fig.- No.	Spare-part- No.	D e s c r i p t i o n	Requd.No.
31	321.2.55.400.0	TAIL LIGHT compl.	1
32	321.1.55.401.1	TAIL LIGHT HOUSING	1
33	359.2.55.003.0	LAMP BRACKET compl.	1
34	359.2.55.005.0	GLAS FOR LAMP compl. (with part 35)	1
35	337.1.55.107.1	PAN HEAD SCREW (4,2x50)	2
36	902.0709	BULB FOR TAIL-LIGHT 6V 18/3W, BAY 15d	1
38	900.1108	HEXAGON SCREW M6x20 DIN 933	N 2
40	900.3076	WASHER 6,4 DIN 9021	N 4
41	24773	HEXAGON NUT M6 DIN 934	N 2
42	501.1.09.014.1	PROTECTING CAP	1
43	364.1.57.001.0	SOFT-RUBBER CLAMPING (4 rows)	1

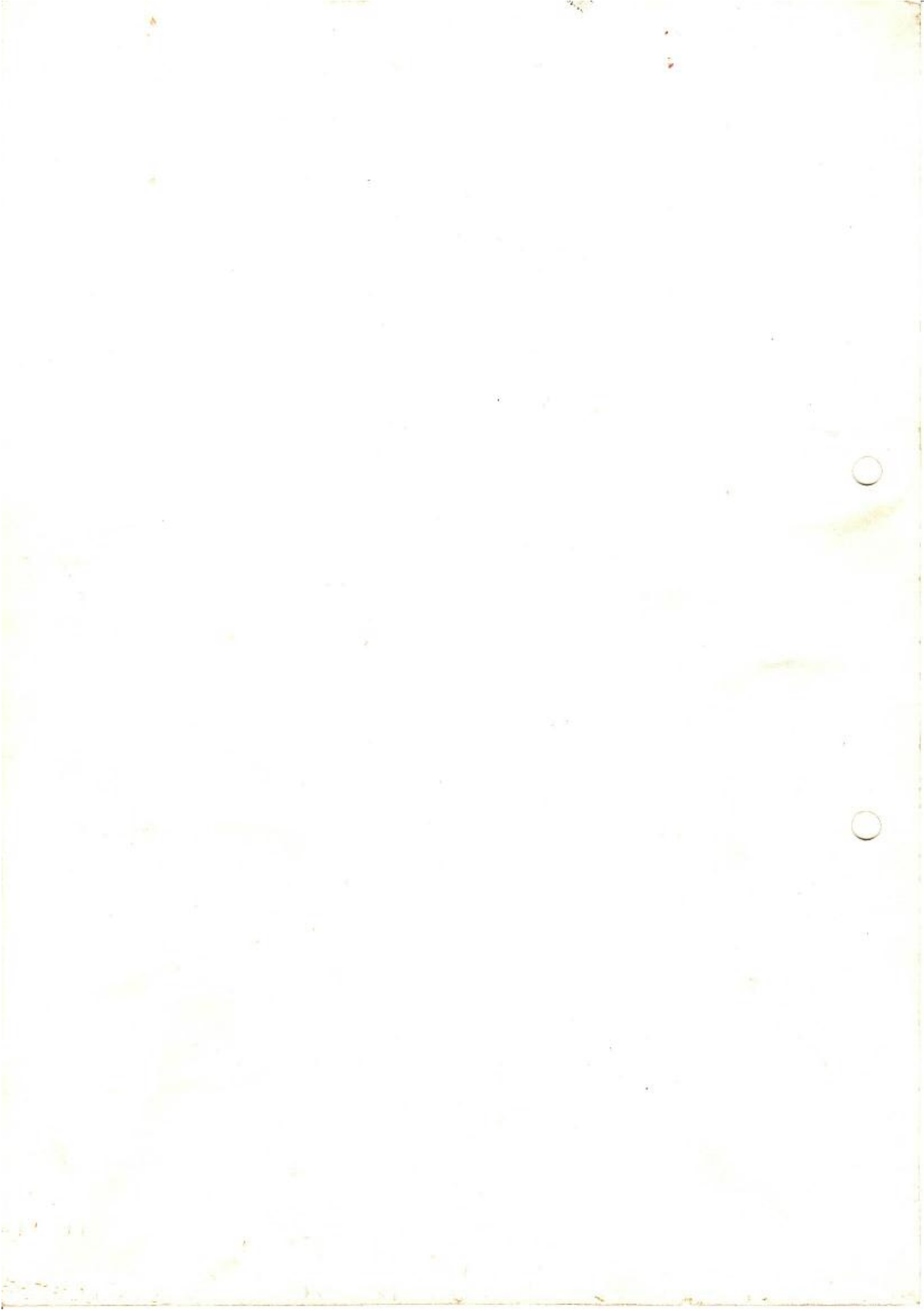


X50/70/1 E

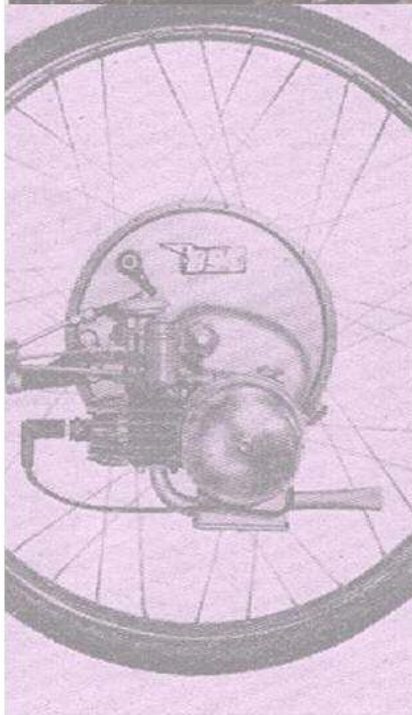
22. TOOLS, PAINT STIK AND SPRAY

X 50
3

Fig.- No.	Spare-part- No.	Description	Requd.No.
--	321.2.70.400.0	TOOLS SET compl.	1
1	359.1.70.001.1	SOCKET SPANNER 19x21 for plug	1
2	900.7010	END WRENCH 19 DIN 894	N 1
3	700.1.55.050.0	SCREW DRIVER	1
4	10181	DOUBLE-ENDED OPEN WRENCH 8/10 DIN 895	N 1
5	900.7027	DOUBLE-ENDED OPEN WRENCH 11/13 DIN 895	N 1
6	321.1.70.017.1	SOCKET WRENCH (13/17)	1
8	350.2.70.008.1	SOCKET SPANNER 10/11	1
9	359.2.70.022.1	PIN (7x160)	1
10	366.1.70.003.1	TOOL BAG (plastic)	1
11	900.0267/09	PAINT STIK, transparent blue (P 5051 T)	1
11	900.0206/09	PAINT STIK, red (P 3057)	1
11	900.0261/09	PAINT STIK, silver (R 9006)	1
11	900.0220/09	PAINT STIK, satin black (GR 9005)	1
11	900.0216/09	PAINT STIK, silver ground	1
12	900.0267/08	PAINT SPRAY, transparent blue (P 5051 T)	1
12	900.0206/08	PAINT SPRAY, red (P 3057)	1
12	900.0261/08	PAINT SPRAY, silver (R 9006)	1
12	900.0220/08	PAINT SPRAY, satin black (GR 9005)	1
12	900.0216/08	PAINT SPRAY, silver ground	1



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