

A faint, light-colored illustration of a motorcycle is visible in the background, centered behind the title text.

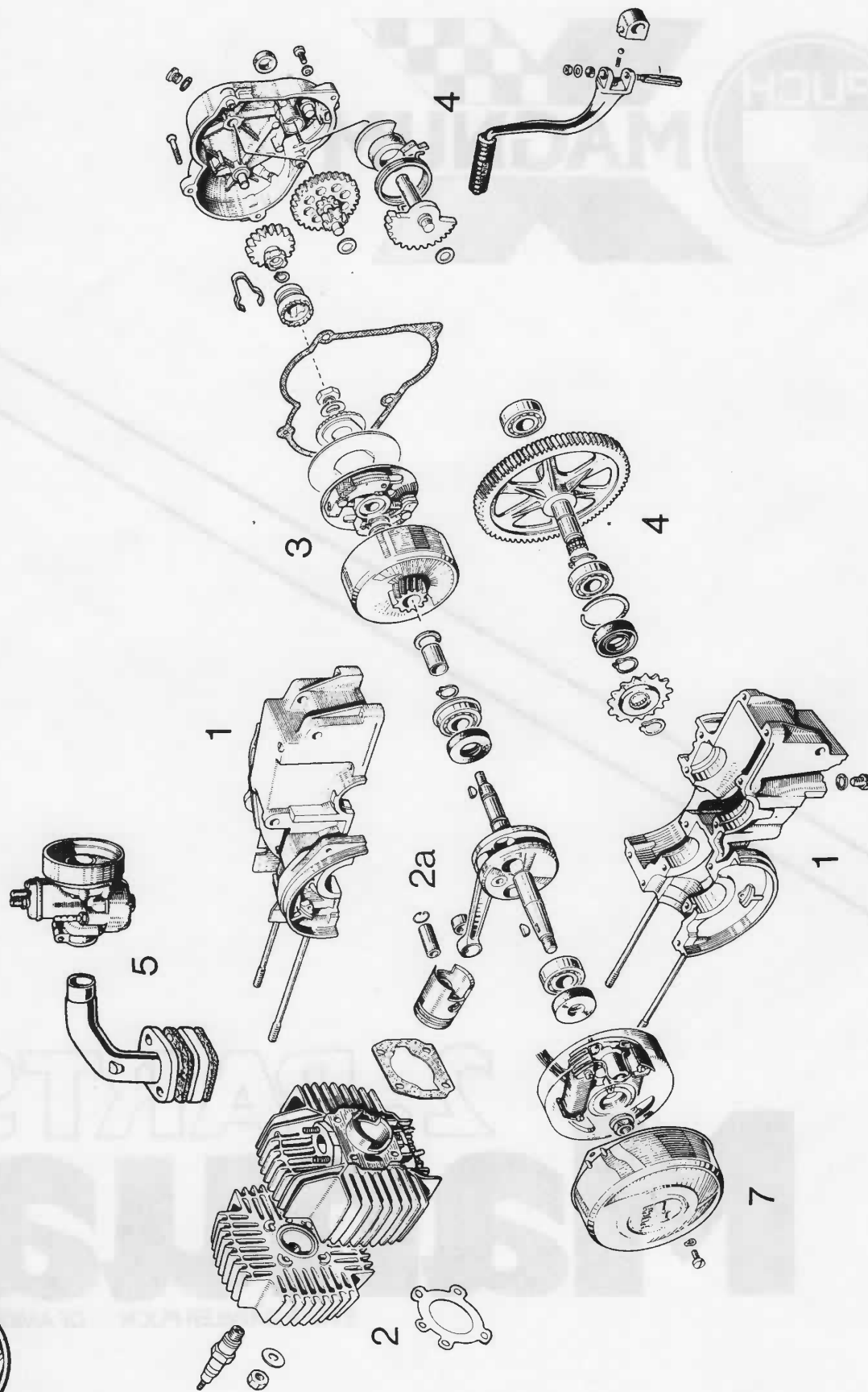
2. PARTS **Manual**

STEYR-DAIMLER-PUCH OF AMERICA CORP.



MAGNUM X

1 SPEED AUTOMATIC-ENGINE 50-CC



GROUP PLAN

C O N T E N T S

ENGINE

1. CRANKCASE
2. CYLINDER, PISTON
- 2a. CRANKSHAFT
3. CLUTCH
4. GEARBOX, KICKSTARTER
5. CARBURETOR
6. EXHAUST
7. MAGNETO GENERATOR VERSION I
- 7a. MAGNETO GENERATOR VERSION II

CHASSIS

8. FUEL TANK, FUEL TAB
9. FRAME, SEAT, SIDE COVERS
10. FENDERS
11. REAR WHEEL SUSPENSION
(Pivoted fork, Suspension unit)

FRONT FORK

12. FRONT FORK WITH STEERING
13. HANDLEBAR AND CONTROLS
14. CABLES

ROAD WHEELS

15. FRONT WHEEL
16. REAR WHEEL

EQUIPMENT

17. SPEEDOMETER WITH SPEEDOMETER DRIVE,
ACCESSORIES

To convert millimeters to inches, multiply by 0,03937.

U S A M O D E L

are available in the following colors:

white	RAL	9001	color-code-number	98
black	GR	9005	color-code-number	E3

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

e.g. 323.1.20.000.0/E3

EXPLANATION OF THE SPARE PARTS CLASSIFICATION NUMBERS

To facilitate the systematic arrangement of the various spare parts in your spares depot, the system of classification by numbers is explained below.

T y p e s o f n u m b e r s :

A E.g. 900.1028

a so-called "900-number" given to standard parts, commercial parts and electrical equipment parts.

B E.g. 24865

a 2-5 figure number. (Such numbers used to be given to the spares of models manufactured in the past. Insofar as such parts are used in currently produced machines, these numbers will still appear in the spares lists.)

C. E.g. 323.1.40.002.0

a 7 - 10 figure number. From the composition of this number the following information can be deduced:

.1
etc.

Model (e.g. MAGNUM X)

Alteration number (used when a part is differently designed or no longer interchangeable with its predecessor).

Construction group (e.g. front wheel)

Part-number (e.g. front wheel hub)

.0 Figure indicating assembled parts (e.g. hub complete with all fittings).

.1 to .9 serve for various purposes

TYPE NUMBER FOR MAGNUM X IS 323

L I S T O F C O N S T R U C T I O N S G R O U P S

- 10. CRANKCASE, CYLINDER, ENGINE PARTS
- 11. OIL PUMP
- 12. CLUTCH
- 13. GEARBOX
- 15. CARBURETOR, INTAKE SILENCER
- 16. EXHAUST
- 20. FRAME
- 21. REAR SUSPENSION
- 22. FUEL TANK, FUEL TAP
- 23. SADDLE
- 24. STANDS
- 27. FENDER
- 28. DRIVING CHAIN, CHAIN GUARDS
- 29. LUGGAGE CARRIER
- 30. FRONT FORK
- 31. STEERING
- 32. HANDLEBAR
- 40. FRONT WHEEL
- 41. REAR WHEEL
- 42. CRANKS
- 50)
- to) ELECTRICAL EQUIPMENT
- 59)
- 70. TOOLS
- 72. EQUIPMENT, REAR MIRROR

-- CONTROL CABLES 910 = TYPENUMBER

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

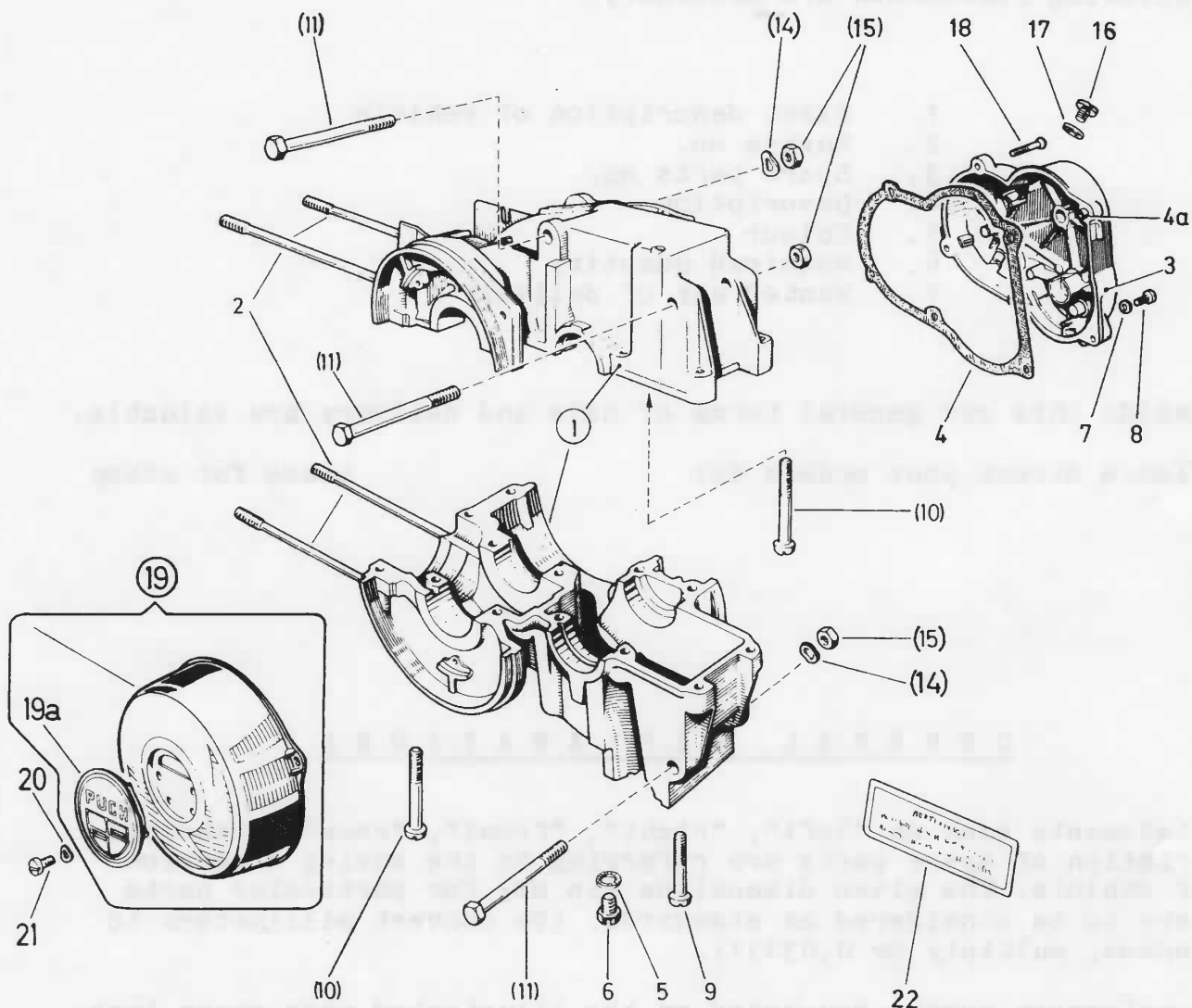
Statements such as "left", "right", "front", "rear" at the description of spare parts are referring to the moving direction of vehicle. The given dimensions (in mm) for particular parts have to be considered as standards. (To convert millimeters to inches, multiply by 0,03937).

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

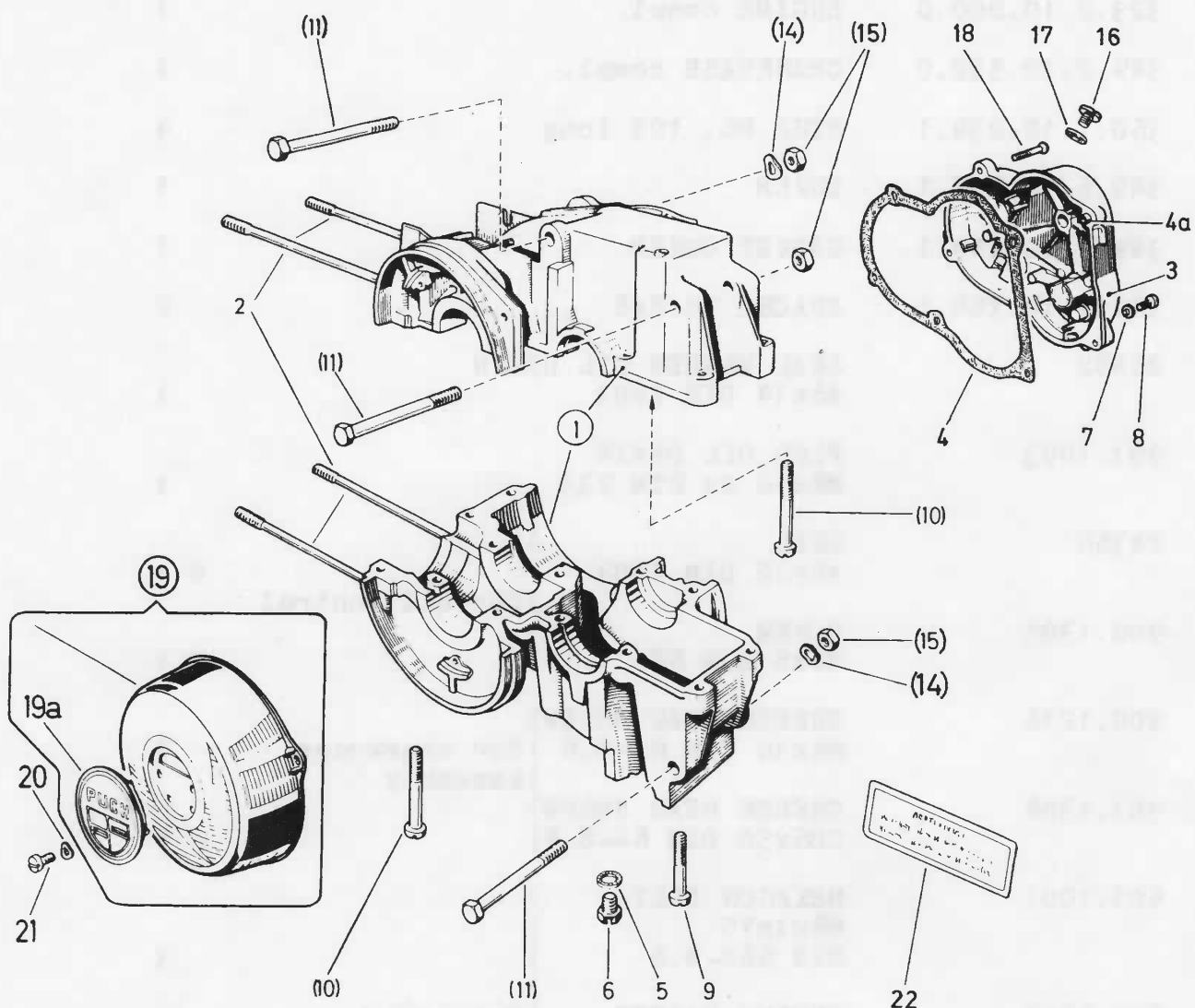
Puch is continuously reviewing its products for possible improvement and reserves the right to change details and specifications without notice.



MX/10/1 US.

1. CRANKCASE

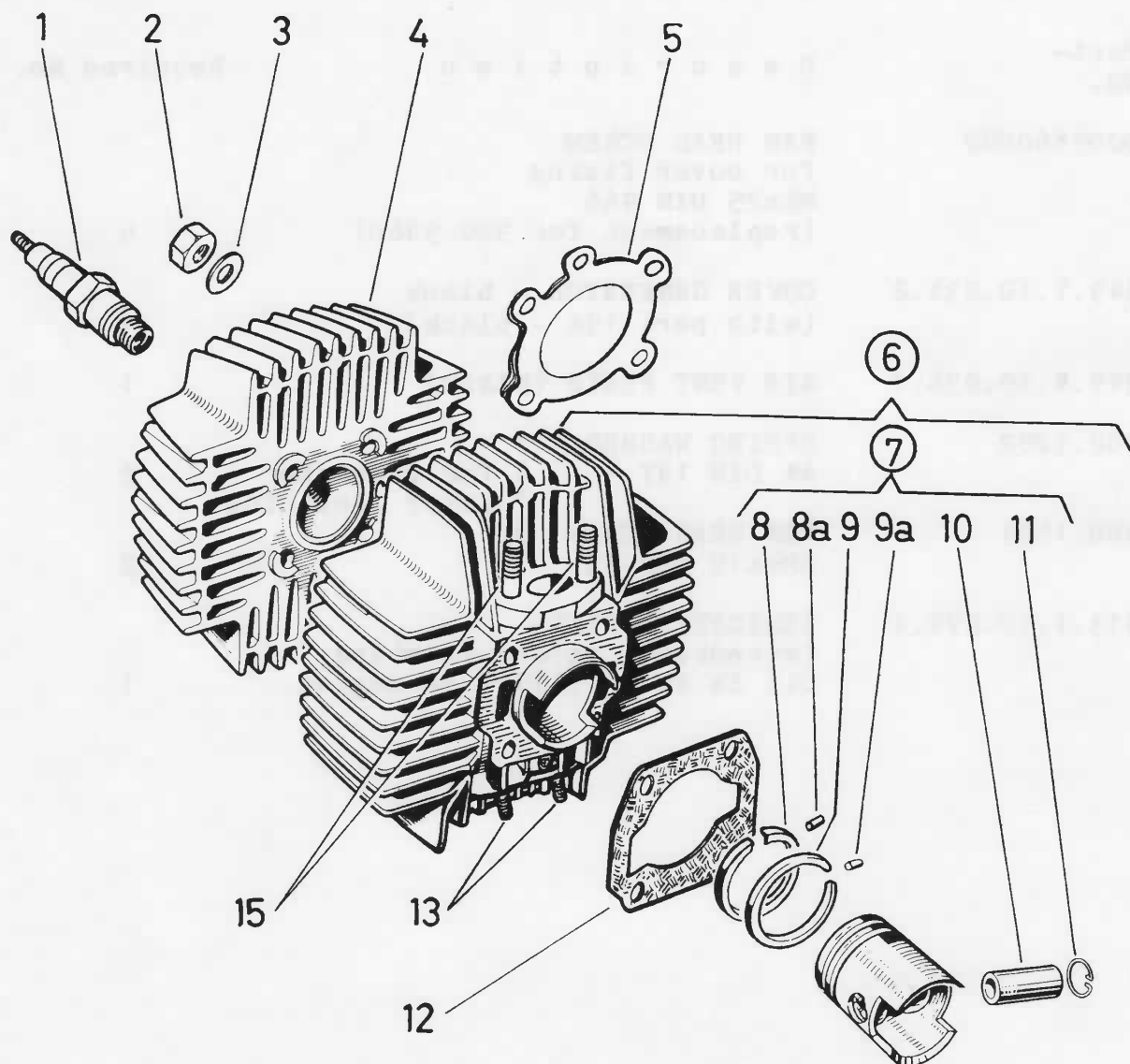
Ref.- No.	Part- No.	D e s c r i p t i o n	Required No.
--	323.2.10.000.0	ENGINE compl.	1
1	349.2.10.332.0	CRANKCASE compl.	1
2	360.1.10.034.1	STUD M6, 103 long	4
3	349.6.10.335.1	COVER	1
4	349.3.10.349.1	GASKET COVER	1
4a	349.1.10.354.1	SPACER 10/8x8	2
5	26482	SEAL WASHER OIL DRAIN A8x14 DIN 7603	1
6	901.1053	PLUG OIL DRAIN M8x10 Sz DIN 933	1
7	24365	SEAL) A6x12 DIN 7603) for oil control	N 1
8	900.1305	SCREW) M6x8 DIN 84)	N 1
9	900.1216	CHEESE HEAD SCREW) M6x30 DIN 84-8.8) for crankcase assembly	8
10	901.1308	CHEESE HEAD SCREW) CM6x50 DIN 84-8.8)	5
11	901.1001	HEXAGON BOLT) M8x1x75) DIN 960-8.8)	3
14	900.3211	SPRING WASHER) for engine B8 DIN 137) mounting	2
15	900.2021	HEXAGON NUT) M8x1 DIN 934-8)	2
16	364.1.10.660.1	PLUG OIL FILLER (M10)	1
17	27071	SEAL A10x14 DIN 7603	1



MX/10/1 US.

1. CRANKCASE (cont.)

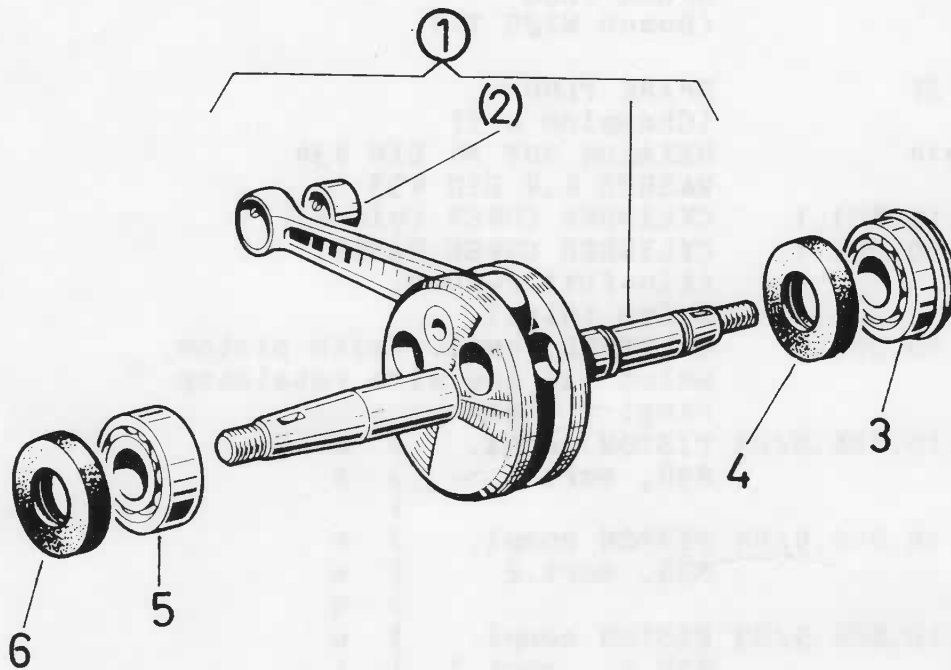
Ref.- No.	Part- No.	D e s c r i p t i o n	Required No.
18	D009660082	PAN HEAD SCREW for cover fixing M6x25 DIN 966 (replacement for 900.9460)	5
19	349.7.10.034.2	COVER GENERATOR - black (with part 19a - black)	1
19a	349.4.10.036.1	AIR VENT PLATE (black)	1
20	900.3202	SPRING WASHER) A4 DIN 137) for generator) cover fastening	2
21	900.1509	PAN HEAD SCREW) AM4x10 DIN 85)	2
22	413.1.10.079.1	INDICATION PLATE (attention, before starting oil is to be filled in engine	1



MX/10/2 US.

2. CYLINDER, PISTON

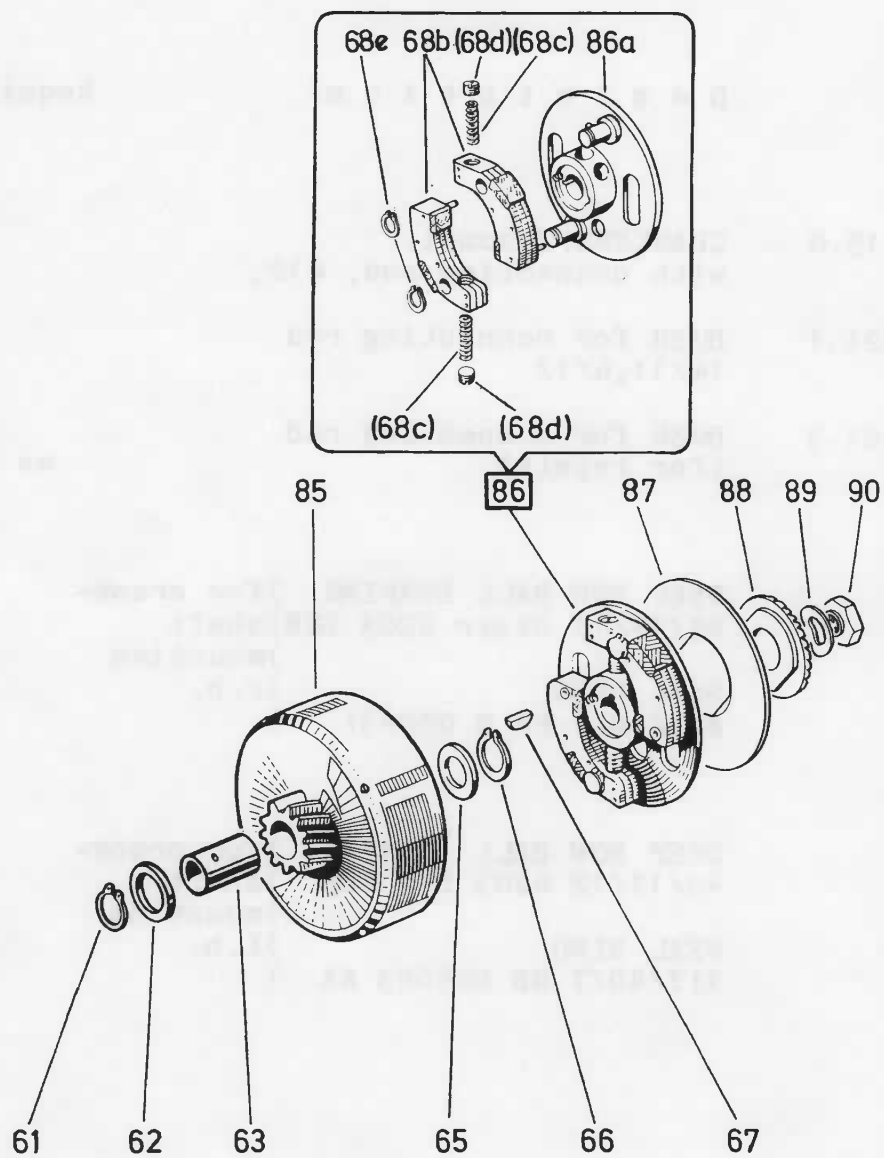
Ref.- No.	Part- No.	D e s c r i p t i o n	Required No.
1	23733	SPARK PLUG (Bosch W225 T1)	1
or			
1	902.0727	SPARK PLUG (Champion L 5)	1
2	900.2014	HEXAGON NUT M6 DIN 934	4
3	24804	WASHER 6,4 DIN 433	4
4	328.2.10.801.1	CYLINDER COVER (black)	1
5	349.2.10.004.1	CYLINDER COVER GASKET (Alu-foil 2-rows, 0,2mm thick)	1
6	328.7.10.205.0	CYLINDER compl. (with piston, wrist pin and wire retaining ring) - black	1
7	328.1.10.806.9/03	PISTON compl.) a Ø38, sort.1) s	1
7	328.1.10.806.9/04	PISTON compl.) r Ø38, sort.2) e	1
7	328.3.10.806.9/03	PISTON compl.) q Ø38,5, sort.1) u	1
7	350.3.10.806.9/04	PISTON compl.) i Ø38,5, sort.2) r	1
8	328.1.10.960.1	PISTON RING LS 1,5-38/34,6x2Z, KAR, MOP	1
8	328.1.10.960.3	PISTON RING LS 1,5-38,5/35,1x2Z	as reqd.
8a	901.4839	NOTCHED LOCKING PIN 1,5x6 DIN 1473	1
9	331.1.10.160.1	PISTON RING 38/35x2Z-FS2 KA KI	1
9	331.1.10.160.3	PISTON RING 38,5/35,5x2Z	as reqd.
9a	900.4855	NOTCHED LOCKING PIN 2x6 DIN 1473	1
10	331.1.10.011.1/12	GUDGEON PIN Ø12x31, sort.2)	1
10	331.1.10.011.1/13	GUDGEON PIN Ø12x31, sort.3)	1
11	901.4701	WIRE RETAINING RING B12 DIN 73123	2
12	328.2.10.513.1	CYLINDER BASE FLANGE GASKET (0,3mm thick)	1
13	050.1.1014	FIXING STUD (M6x16)	2
15	902.1982	FIXING STUD M6x35 DIN 835	2



MX/10/3 US.

2a. CRANKSHAFT

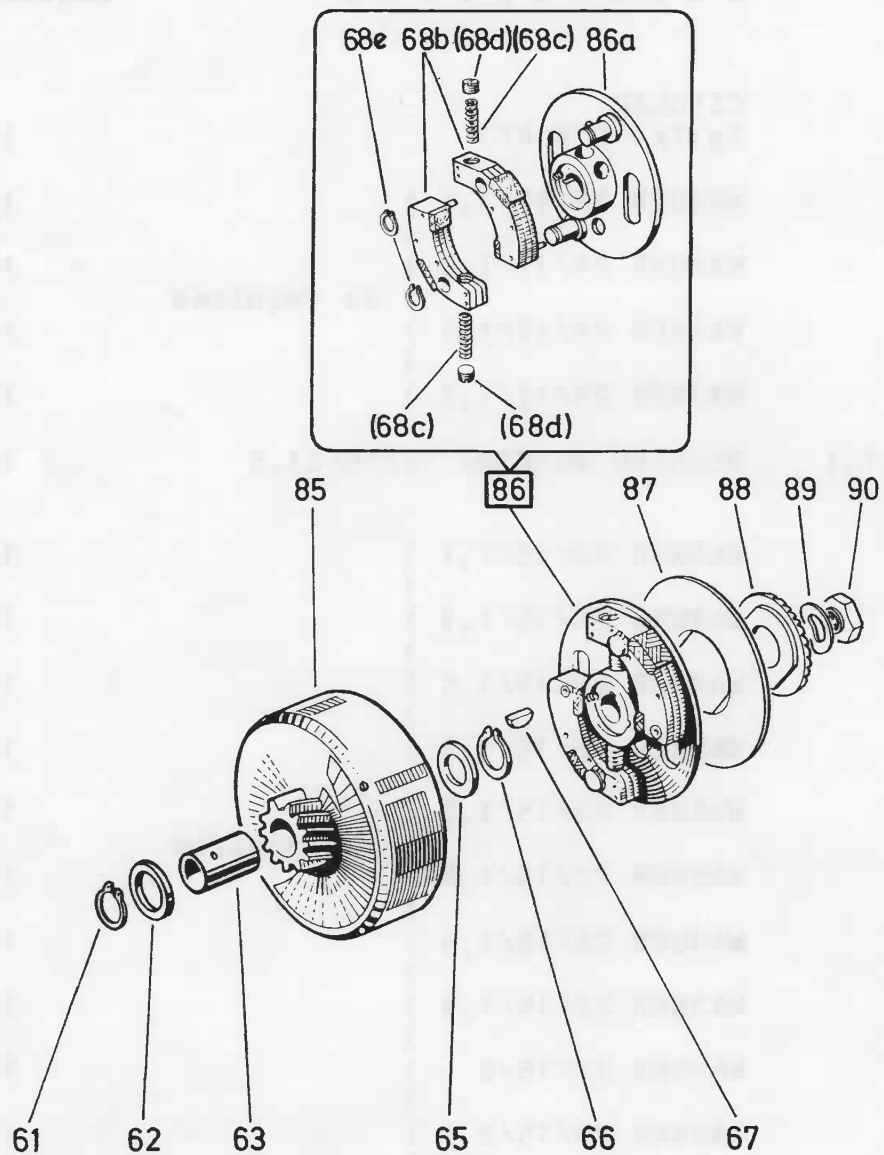
Ref.- No.	Part- No.	D e s c r i p t i o n	Required No.
1	349.1.10.115.0	CRANKSHAFT compl. with connecting rod, Ø12,	1
2	349.1.10.021.1	BUSH for connecting rod 14/11,6/12	1
2	349.1.10.021.3	BUSH for connecting rod (for repair)	as reqd.
3	900.6233	DEEP ROW BALL BEARING)for crank- 40/17/12 Steyr 6203 ZNR)shaft	1
4	902.3835	SEAL RING) A22/40/7 FP N 05043) r.h.	1
5	900.6203	DEEP ROW BALL BEARING)for crank- 40/17/12 6203 DIN 625)shaft	1
6	902.3851	SEAL RING) A17/40/7 NB N05043 KA) l.h.	1



MX/12/1 US.

3. CLUTCH
for 1-speed Automatic models

Ref.- No.	Part- No.	Description	Required No.
61	900.4617	CIRCLIP Sg17x1 DIN 471	1
	(901.3943	WASHER 24/17/1,1)	1
	(	)	
	(901.3927	WASHER 24/17/1,3)	1
62	(	) as required	
	(901.3923	WASHER 24/17/1,5)	1
	(	)	
	(901.3928	WASHER 24/17/1,7)	1
63	349.2.12.011.1	BEARING BUSHING 17/15/21,5	1
	(901.3963	WASHER 22/15/1,1)	1
	(	)	
	(901.3929	WASHER 22/15/1,3)	1
	(	)	
	(901.3924	WASHER 22/15/1,5)	1
	(	)	
	(901.3930	WASHER 22/15/1,7)	1
	(	)	
	(900.3028	WASHER 22/15/1,8)	1
65	(	) as required	
	(901.3972	WASHER 22/15/1,85)	1
	(	)	
	(901.3942	WASHER 22/15/1,9)	1
	(	)	
	(901.3973	WASHER 22/15/1,9)	1
	(	)	
	(901.3970	WASHER 22/15/2)	1
	(	)	
	(901.3949	WASHER 22/15/2,1)	1
	(	)	
	(901.3971	WASHER 22/15/2,2)	1
66	900.4619	CIRCLIP Sg 15x1 DIN 471	1
67	23340	WOODRUFF KEY 3x5 DIN 6888	1

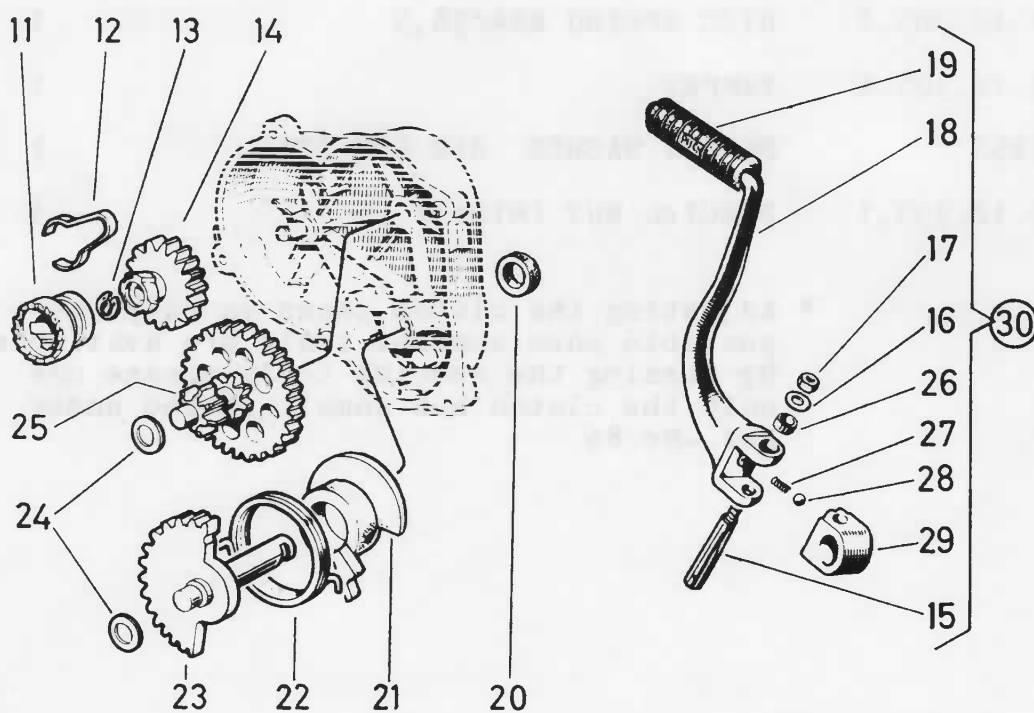
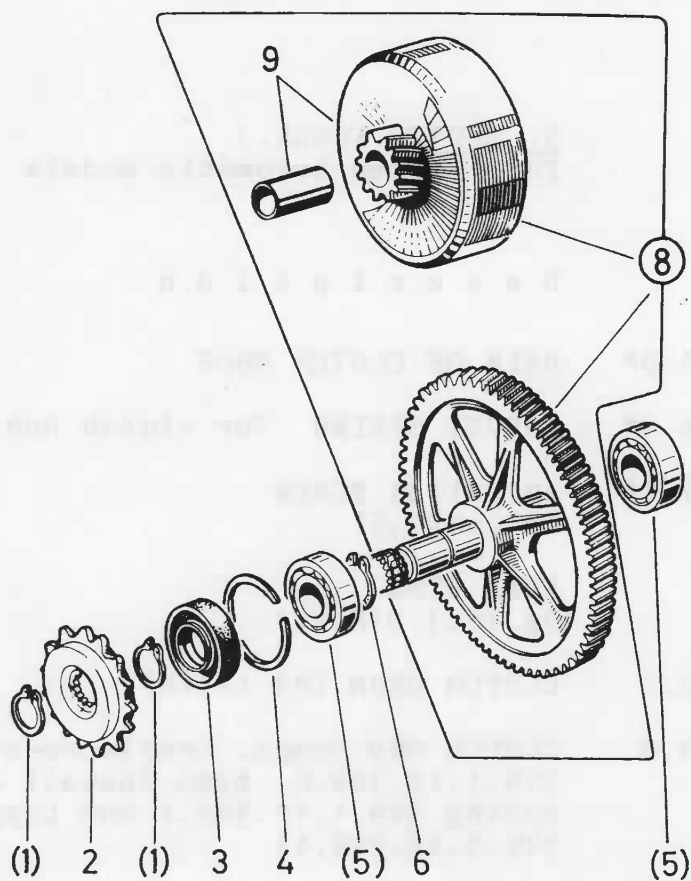


MX/12/1 US.

3. CLUTCH (cont.)
for 1-speed Automatic models

Ref.- No.	Part- No.	D e s c r i p t i o n	Required No.
68b	349.1.12.505.0*	PAIR OF CLUTCH SHOE	1
68c	349.1.12.006.1*	THRUST SPRING for clutch hub	2
68d	349.1.12.007.1*	ADJUSTING SCREW (M10x1x7,5)	2
68e	900.4610	SNAP RING Sg 10x1 DIN 471	2
85	349.3.12.302.2	CLUTCH DRUM (21 teeth)	1
86	349.2.12.304.0	CLUTCH HUB compl. (replacement for 349.1.12.304.0, also install disc spring 349.1.12.305.1 and tappet 349.3.12.329.1)	1
86a	-----	no spare part	-
87	349.1.12.305.1	DISC SPRING Ø84/38,5	1
88	349.3.12.329.1	TAPPET	1
89	900.3256	SPRING WASHER B12 DIN 137	1
90	349.1.12.333.1	SPECIAL NUT (M10x1)	1

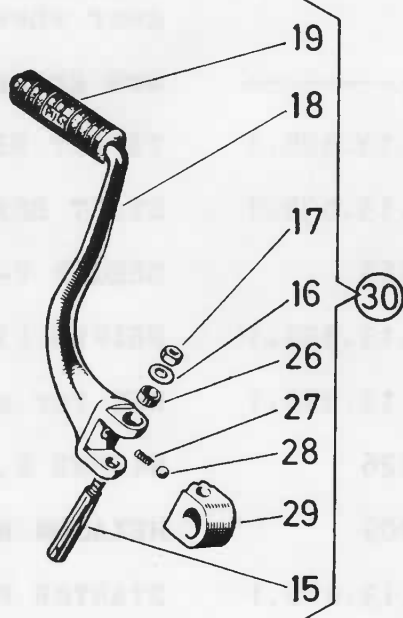
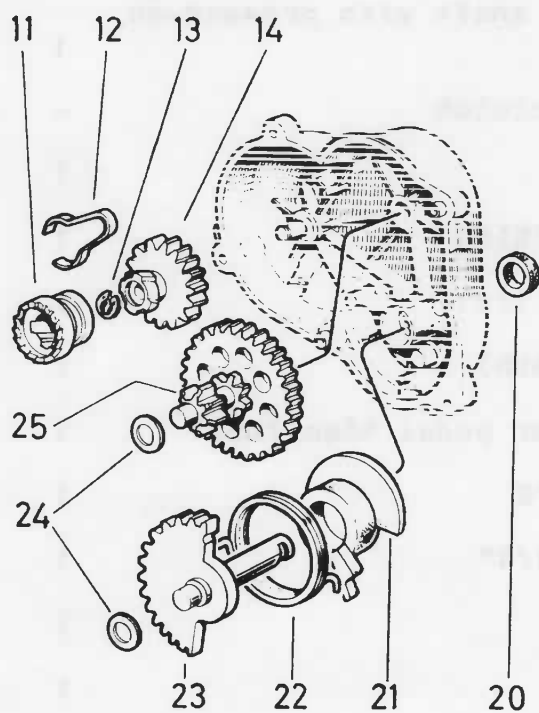
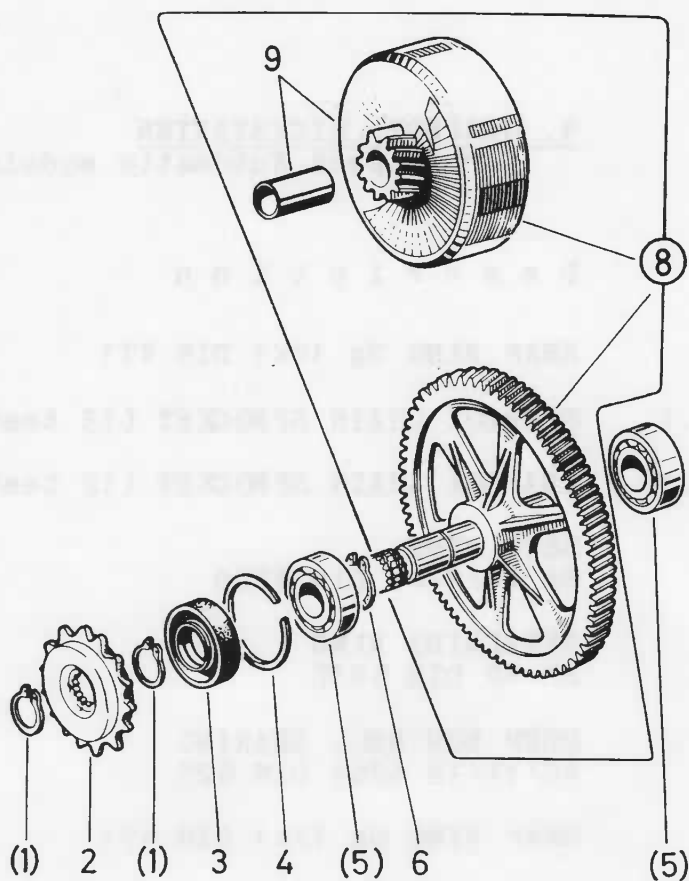
* Adjusting the clutch shoes is only possible when special tools are available. By missing the special tools please use only the clutch hub compl. stated under Ref.-No.86.



MX/12/2 US.

4. GEARBOX, KICKSTARTER
for 1-speed Automatic models

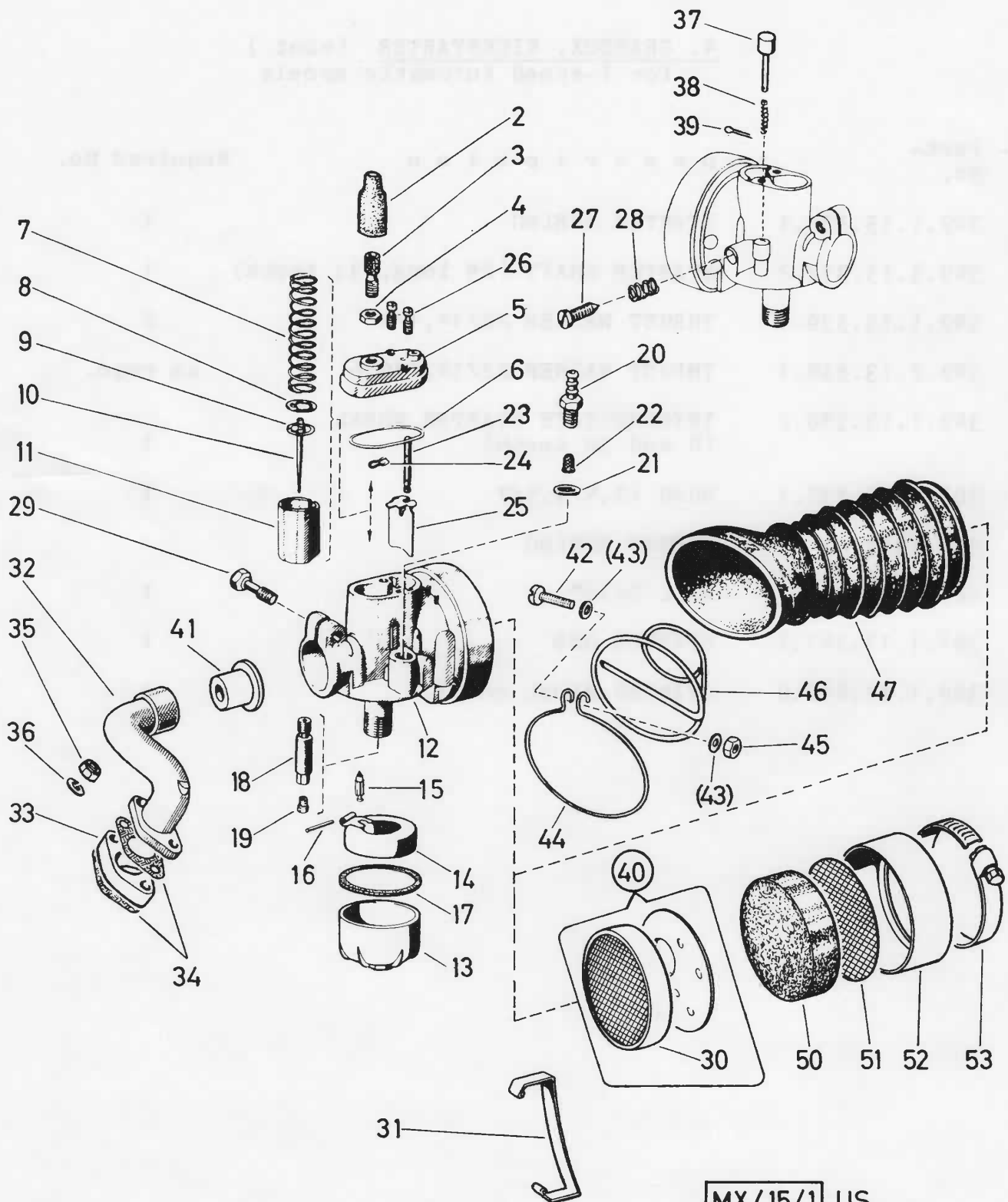
Ref.- No.	Part- No.	D e s c r i p t i o n	Required No.
1	900.4616	SNAP RING Sg 16x1 DIN 471	2
2	349.1.13.113.1	GEARBOX CHAIN SPROCKET (13 teeth)	1
2	349.1.13.112.1	GEARBOX CHAIN SPROCKET (12 teeth) as reqd.	
3	901.3801	SEAL RING BA 40/17/7 DIN 3760	1
4	901.4656	RETAINING RING SP 40 DIN 5417	1
5	900.6203	DEEP ROW BALL BEARING 40/17/12 6203 DIN 625	1
6	900.4617	SNAP RING Sg 17x1 DIN 471	1
8	349.2.13.320.0	PRIMARY DRIVE compl. (21, 106 teeth) (consisting of clutch drum bearing bush and gear shaft with pressed-on gear wheel)	1
9	-----	see group 3. clutch	-
11	349.1.13.328.1	TAPPET RING	1
12	329.1.13.034.1	START BRAKE SPRING	1
13	901.4668	SEEGER V-RING 12x1V	1
14	349.1.13.327.1	DRIVER (18 teeth)	1
15	364.2.13.342.1	KEY for starter pedal 48mm long	1
16	900.3926	WASHER 6,5/14/2	1
17	900.2909	HEXAGON NUT; 1/4"	1
18	411.1.13.040.1	STARTER PEDAL	1
19	51.1.1337	RUBBER	1
20	902.3832	SEAL RING A16x25x7	1
21	349.2.13.338.1	SPRING GUIDE	1



MX/12/2 US.

4. GEARBOX, KICKSTARTER (cont.)
for 1-speed Automatic models

Ref.- No.	Part- No.	D e s c r i p t i o n	Required No.
22	349.1.13.336.1	STARTER SPRING	1
23	349.3.13.332.2	STARTER SHAFT (84 long, 31 teeth)	1
24	349.1.13.339.1	THRUST WASHER 22/14,1/1	2
24	349.2.13.339.1	THRUST WASHER 22/14,1/0,6	as reqd.
25	349.1.13.330.2	INTERMEDIATE STARTER WHEEL (8 and 30 teeth)	1
26	364.1.13.337.1	BUSH 12,5/9,5/7	1
27	250.1344	THRUST SPRING	1
28	22755	BALL 5/16"	1
29	364.1.13.341.1	STARTER HUB	1
30	368.1.13.840.0	STARTER PEDAL compl.	1



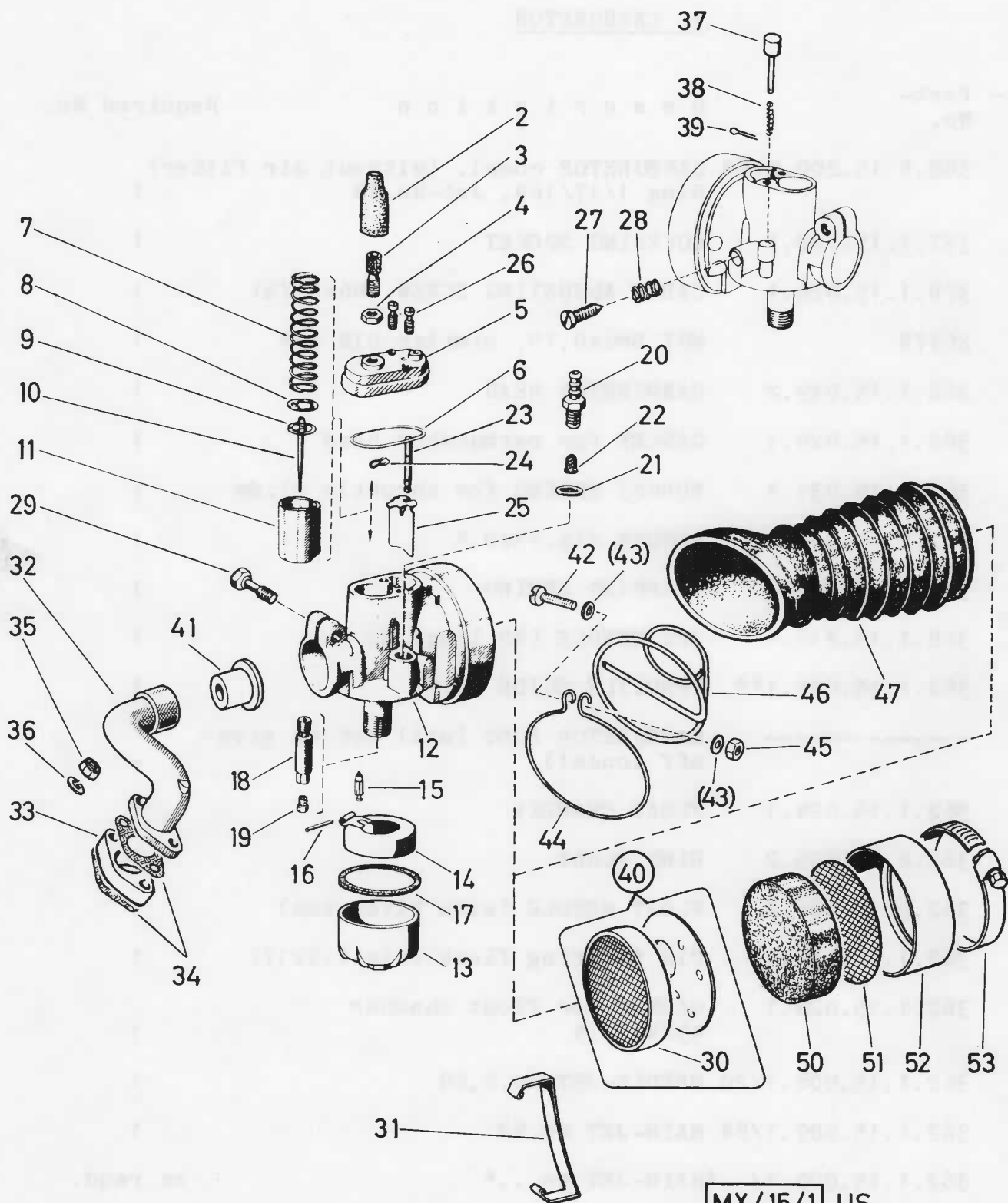
MX/15/1 US.

5. CARBURETOR

Ref.- No.	Part- No.	D e s c r i p t i o n	Required No.
--	368.4.15.200.0/84	CARBURETOR compl. (without air filter) Bing 1/17/169, Jet-No.84	1
2	337.1.15.120.1	COVERING SOCKET	1
3	328.1.15.020.1	CABLE ADJUSTING SCREW (M6x0,75)	1
4	26779	NUT BM6x0,75, similar DIN 934	1
5	362.1.15.019.2	CARBURETOR HEAD	1
6	362.1.15.029.1	GASKET for carburetor head	1
7	362.1.15.031.1	THRUST SPRING for throttle slide	1
8	362.1.15.014.1	WASHER dia.13x0,5	1
9	362.1.15.013.1	CLAMPING SPRING	1
10	368.1.15.816.1	JET NEEDLE (40 long) No.1	1
11	362.1.15.015.1**	THROTTLE SLIDE No.2	1
12	-----	CARBURETOR BODY (will not to give off loose!)	-
13	362.1.15.024.1	FLOAT CHAMBER	1
14	362.2.15.025.2	RING FLOAT	1
15	362.2.15.026.2	FLOAT NEEDLE (with Viton top)	1
16	362.1.15.027.1	PIN for ring float (dia.1,5x17)	1
17	362.1.15.028.1	GASKET for float chamber 45/41/1,5	1
18	362.1.15.008.1/20	NEEDLE-JET No.2,20	1
19	362.1.15.009.1/84	MAIN-JET No.84	1
19	362.1.15.009.1/...*	MAIN-JET No...*	as reqd.

* please indicate number of jet

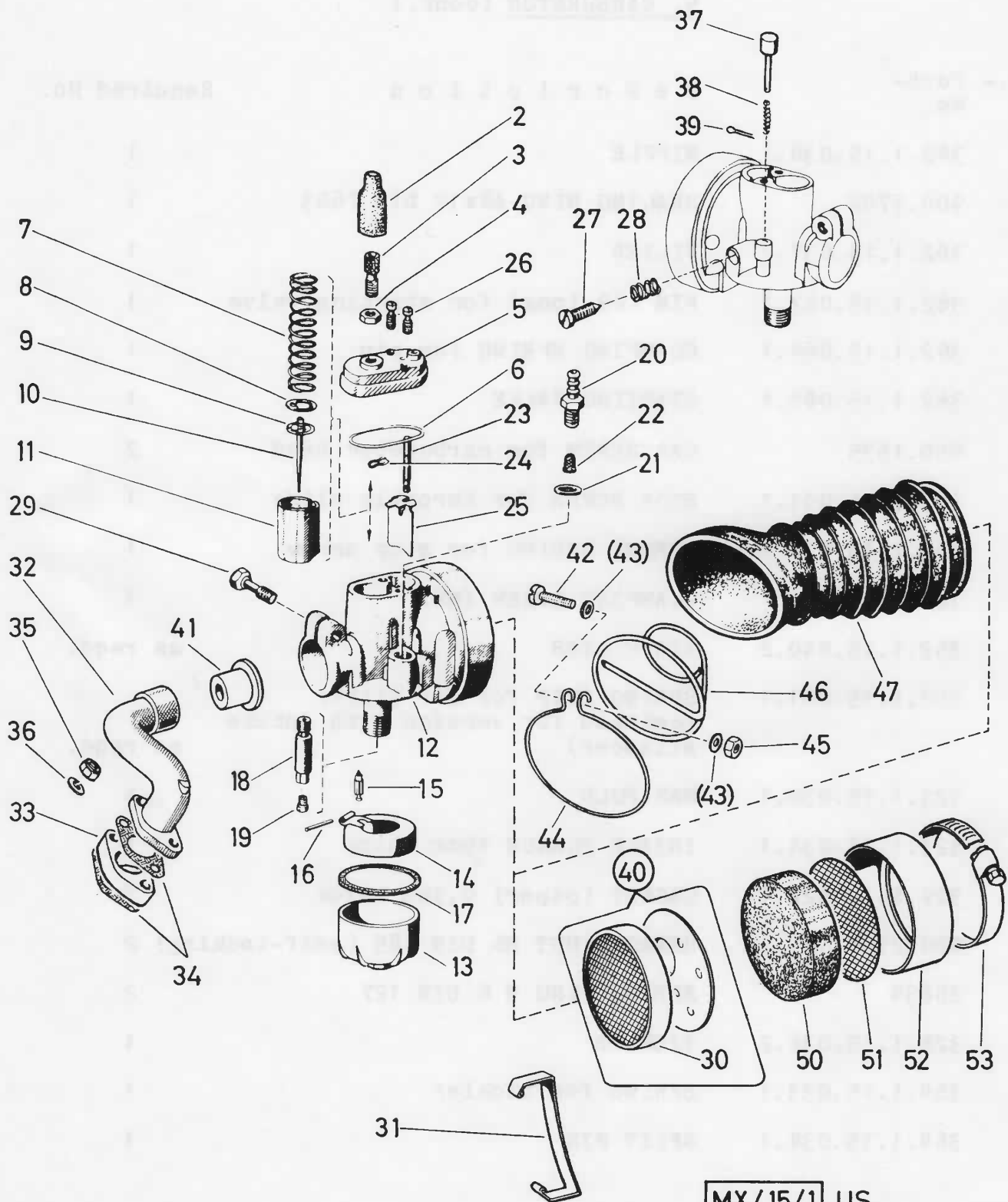
** please indicate engraved number



MX/15/1 US.

5. CARBURETOR (cont.)

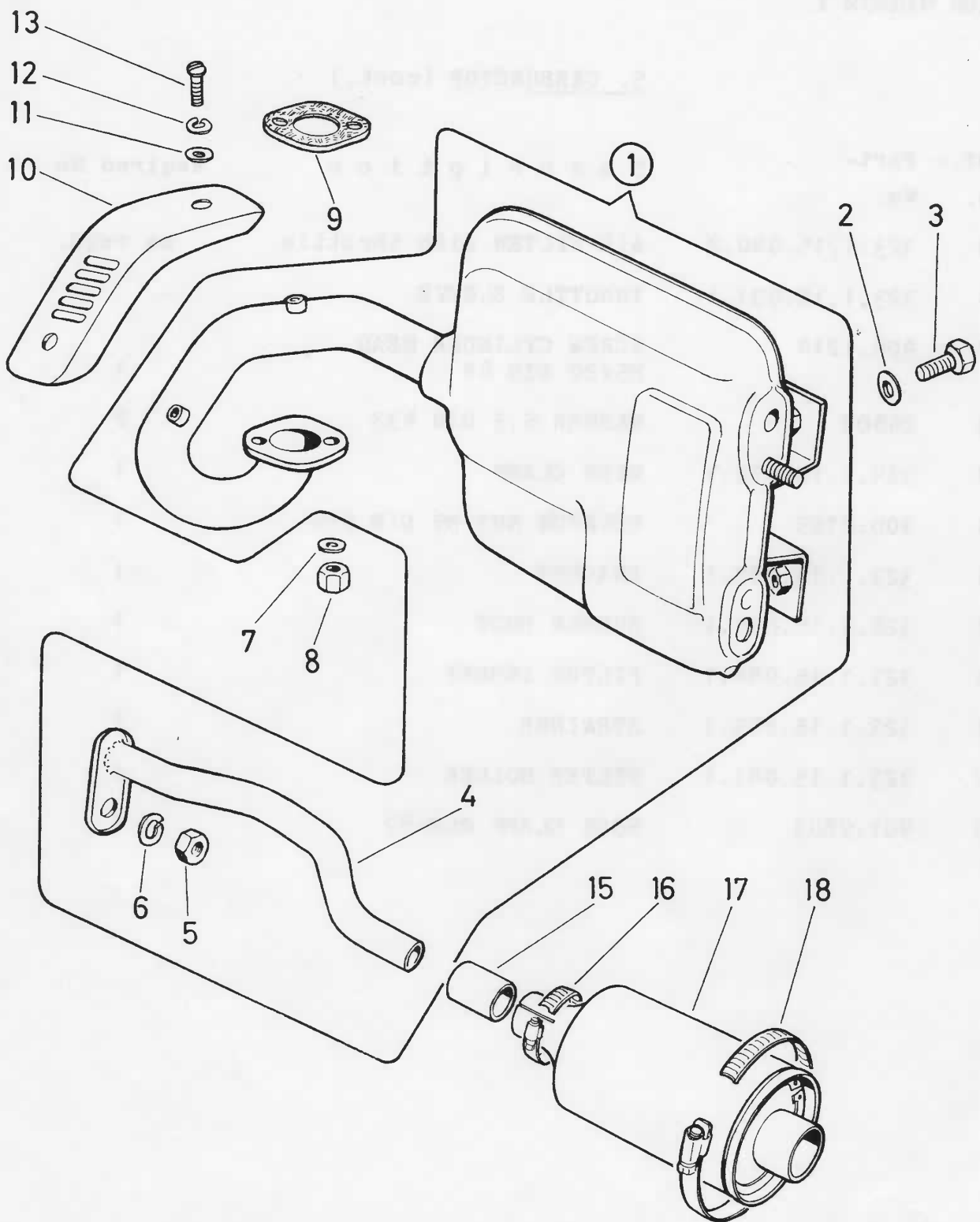
Ref.- No.	Part- No.	D e s c r i p t i o n	Required No.
20	362.1.15.038.1	NIPPLE	1
21	900.3702	SEALING RING A8x12 DIN 7603	1
22	362.1.15.037.2	FILTER	1
23	362.1.15.063.1	PIN (29 long) for starting valve	1
24	362.1.15.064.1	CLAMPING SPRING for pin	1
25	362.1.15.065.1	STARTING VALVE	1
26	050.1535	CAP SCREW for carburetor head	2
27	362.1.15.011.1	STOP SCREW for throttle slide	1
28	362.1.15.012.1	THRUST SPRING for stop screw	1
29	126.1513	CLAMPING SCREW (M6)	1
30	362.1.15.040.2	AIR FILTER	as reqd.
31	362.1.15.041.1	SPRING CLIP for air filter (omitted for version with intake silencer)	as reqd.
32	323.1.15.030.1	MANIFOLD	1
33	323.1.15.034.1	INTAKE FLANGE 15mm thick	1
34	329.1.15.322.1	GASKET (paper) 0,3mm thick	2
35	900.2966	HEXAGON NUT M6 DIN 985 (self-locking)	2
36	26834	SPRING RING B 6 DIN 127	2
37	328.1.15.036.2	TICKLER	1
38	364.1.15.033.1	SPRING for tickler	1
39	364.1.15.034.1	SPLIT PIN	1



MX/15/1 US.

5. CARBURETOR (cont.)

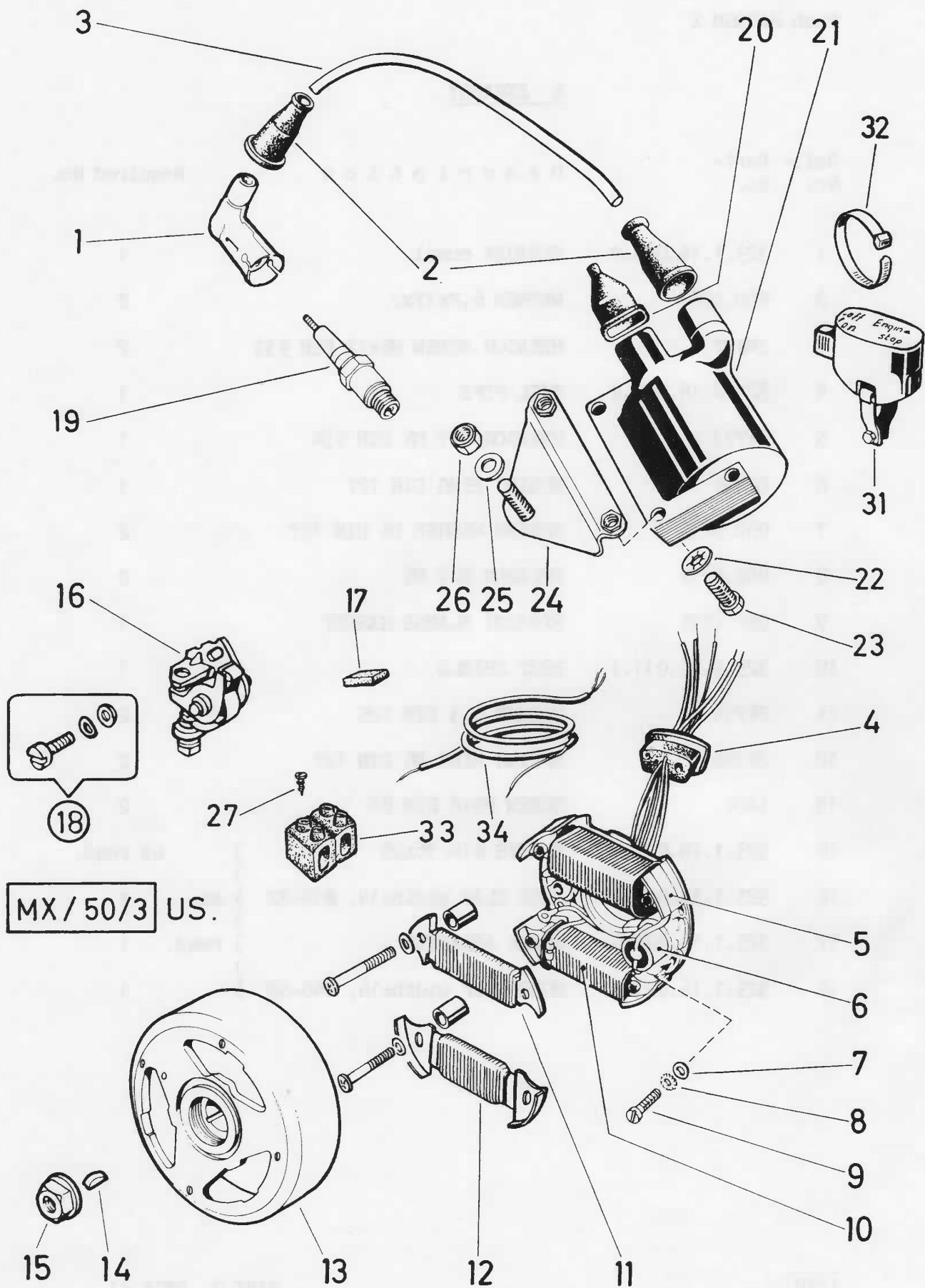
Ref.- No.	Part- No.	D e s c r i p t i o n	Required No
40	323.1.15.040.2	AIR FILTER with throttle	as reqd.
41	323.1.15.031.1	THROTTLE SLEEVE	
42	900.1214	SCREW CYLINDER HEAD M5x20 DIN 84	1
43	24803	WASHER 5,3 DIN 433	2
44	364.1.15.672.1	WIRE CLAMP	1
45	900.2105	HEXAGON NUT M5 DIN 555	1
46	323.1.15.043.1	BRACKET	1
47	328.1.15.014.1	RUBBER BOOT	1
50	323.1.15.044.1	FILTER INSERT	1
51	323.1.15.045.1	STRAINER	1
52	323.1.15.041.1	FILTER HOLDER	1
53	901.9803	HOSE CLAMP Ø62-82	1



MX/16/1 US.

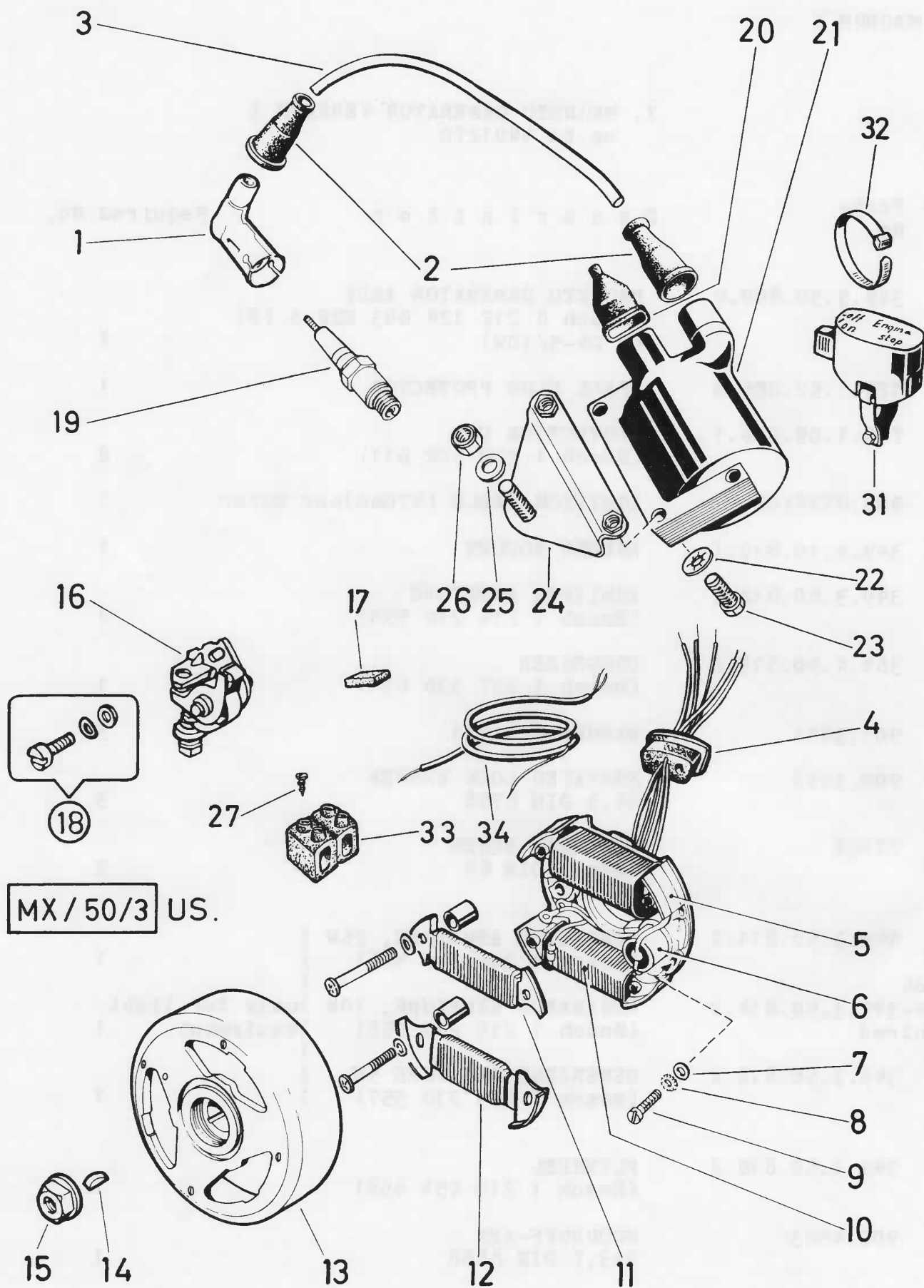
6 EXHAUST

Ref.- No.	Part- No.	Description	Required No.
1	323.1.16.000.0	EXHAUST compl.	1
2	900.3983	WASHER 6,2x17x2	2
3	24927	HEXAGON SCREW M6x12 DIN 933	2
4	323.2.16.005.2	TAIL PIPE	1
5	24773	HEXAGON NUT M6 DIN 934	1
6	26834	SPRING RING DIN 127	1
7	900.3213	SPRING WASHER B6 DIN 137	2
8	902.2919	HEXAGON NUT M6	2
9	050.1615	EXHAUST FLANGE GASKET	1
10	323.1.16.011.1	HEAT SHIELD	1
11	24794	WASHER 5,3 DIN 125	2
12	29190	SPRING RING B5 DIN 127	2
13	1426	SCREW M5x8 DIN 84	2
15	323.1.16.021.1	SLEEVE Ø14/16x20	) as reqd.)) as) reqd.)
16	323.1.16.022.0	HOSE CLIP width=14, Ø14-22	
17	323.1.16.020.0	SPARK ARRESTER	
18	323.1.16.023.0	HOSE CLIP width=14, Ø40-60	



7. MAGNETO GENERATOR VERSION I up to 4401270

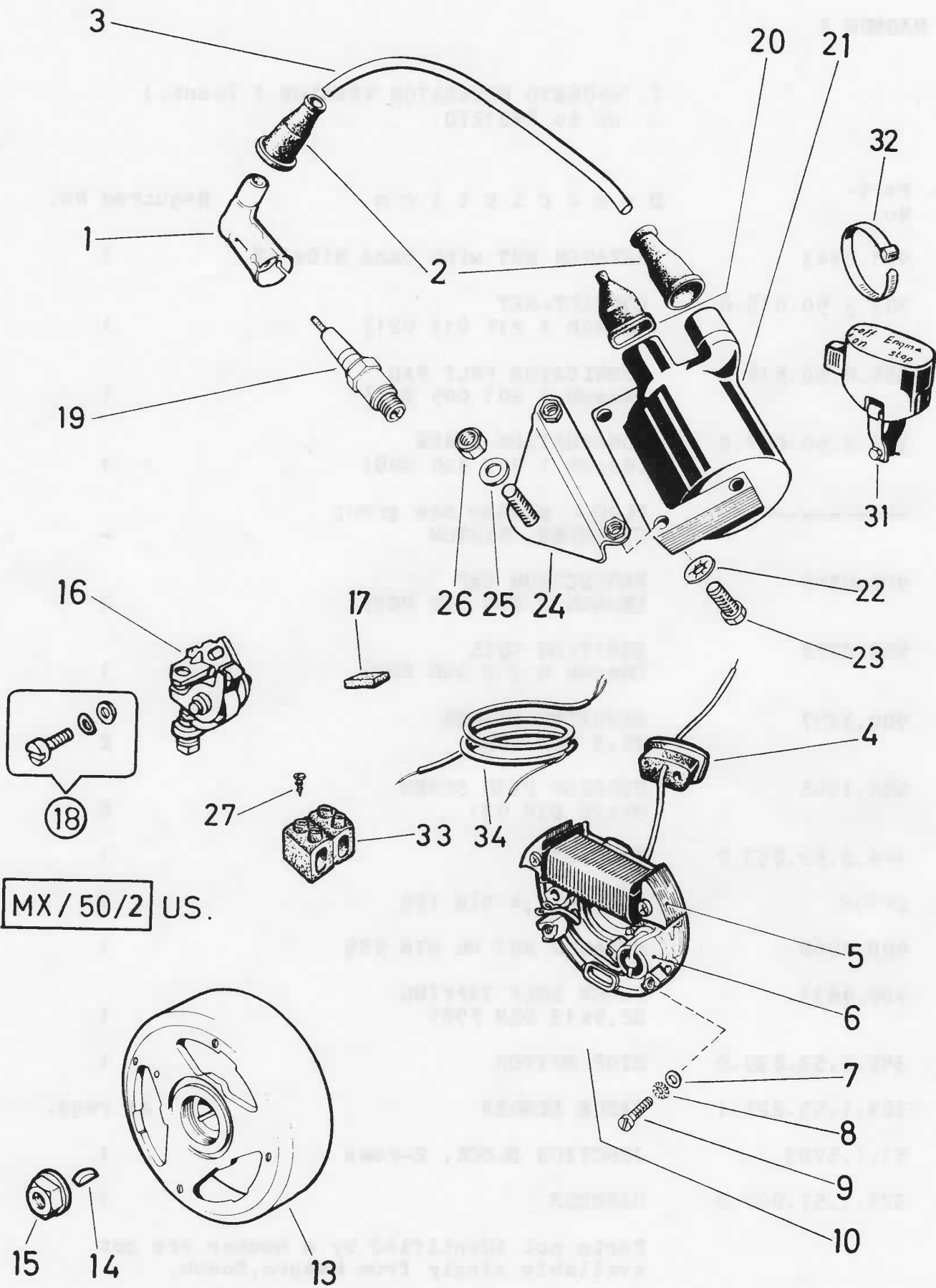
Ref.- No.	Part- No.	Description	Required No.
--	349.3.50.800.0	MAGNETO GENERATOR ASSY (Bosch 0 212 124 043 RDP 1 (R) 6V 26-5/10W)	1
1	325.1.52.005.0	SPARK PLUG PROTECTOR	1
2	700.1.09.006.1	PROTECTION CAP (Bosch 1 230 522 011)	2
3	900.0717/07	IGNITION CABLE (470mm)per meter	1
4	349.2.10.810.1	RUBBER SOCKET	1
5	349.3.50.812.2	IGNITION ARMATURE (Bosch 1 214 210 554)	1
6	364.4.50.513.2	CONDENSER (Bosch 1 237 330 035)	1
7	901.3941	WASHER 8/4,2/1	3
8	900.3253	SERRATED LOCK WASHER J4,3 DIN 6798	3
9	27458	PAN HEAD SCREW AM4x15 DIN 85	3
10)	349.3.50.811.2	GENERATOR ARMATURE, 26W) (Bosch 1 214 210 556))	1
)not		)	
11)re-	349.3.50.814.2	GENERATOR ARMATURE, 10W)only for light (Bosch 1 214 210 555))equipment	1
)quired		)	
12)	349.3.50.819.2	GENERATOR ARMATURE 5W) (Bosch 1 214 210 557))	1
)			
13	349.3.50.810.2	FLYWHEEL (Bosch 1 215 254 658)	1
14	900.4503	WOODRUFF-KEY 3x3,7 DIN 6888	1



7. MAGNETO GENERATOR VERSION I (cont.)
up to 4401270

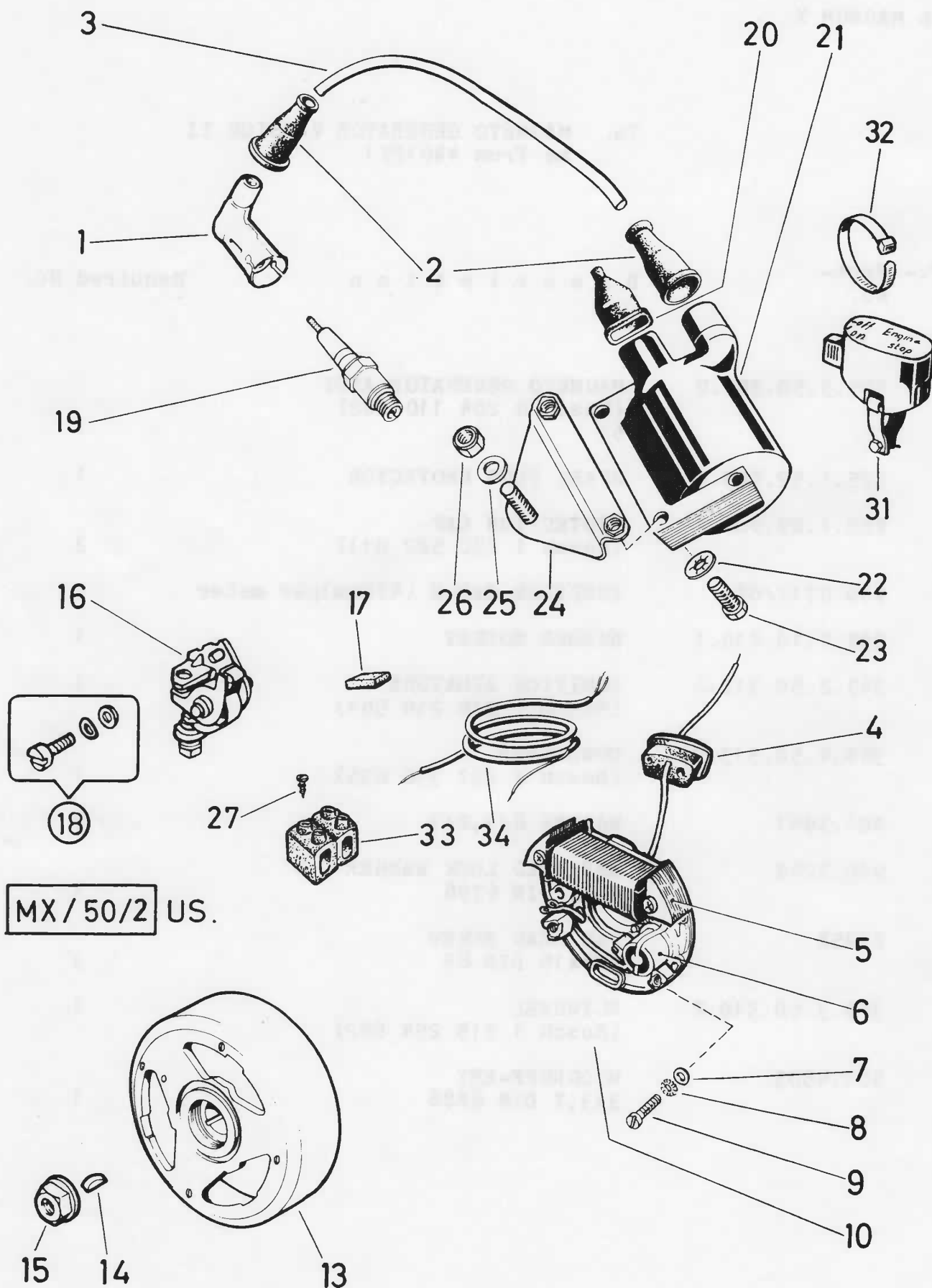
Ref.- No.	Part- No.	D e s c r i p t i o n	Required No.
15	901.2943	HEXAGON NUT with band M10x1-8	1
16	302.3.50.015.0	CONTACT-SET (Bosch 1 217 013 021)	1
17	364.4.50.618.1	LUBRICATOR FELT PAD (Bosch 2 201 005 007)	1
18	302.3.50.017.0	COMBINATION SCREW (Bosch 1 213 410 008)	1
19	-----	PLUG - please see group CYLINDER, PISTON	-
20	902.0745	PROTECTION CAP (Bosch 2 200 522 002)	2
21	904.0759	IGNITION COIL (Bosch 0 212 940 003)	1
22	900.3257	SERRATED WASHER J5,3 DIN 6798	2
23	900.1058	HEXAGON HEAD SCREW M5x25 DIN 931	2
24	349.2.52.853.2	BRACKET	1
25	24795	WASHER 6,4 DIN 125	1
26	900.2966	HEXAGON NUT M6 DIN 985	1
27	900.9631	SCREW SELF TAPPING B2,9x13 DIN 7981	1
31	349.1.53.830.0	STOP BUTTON	1
32	364.1.53.227.1	CABLE BINDER	as reqd.
33	51.1.5703	JUNCTION BLOCK, 2-rows	1
34	323.1.57.000.0	HARNESS	1

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



7a. MAGNETO GENERATOR VERSION II
as from 4401271

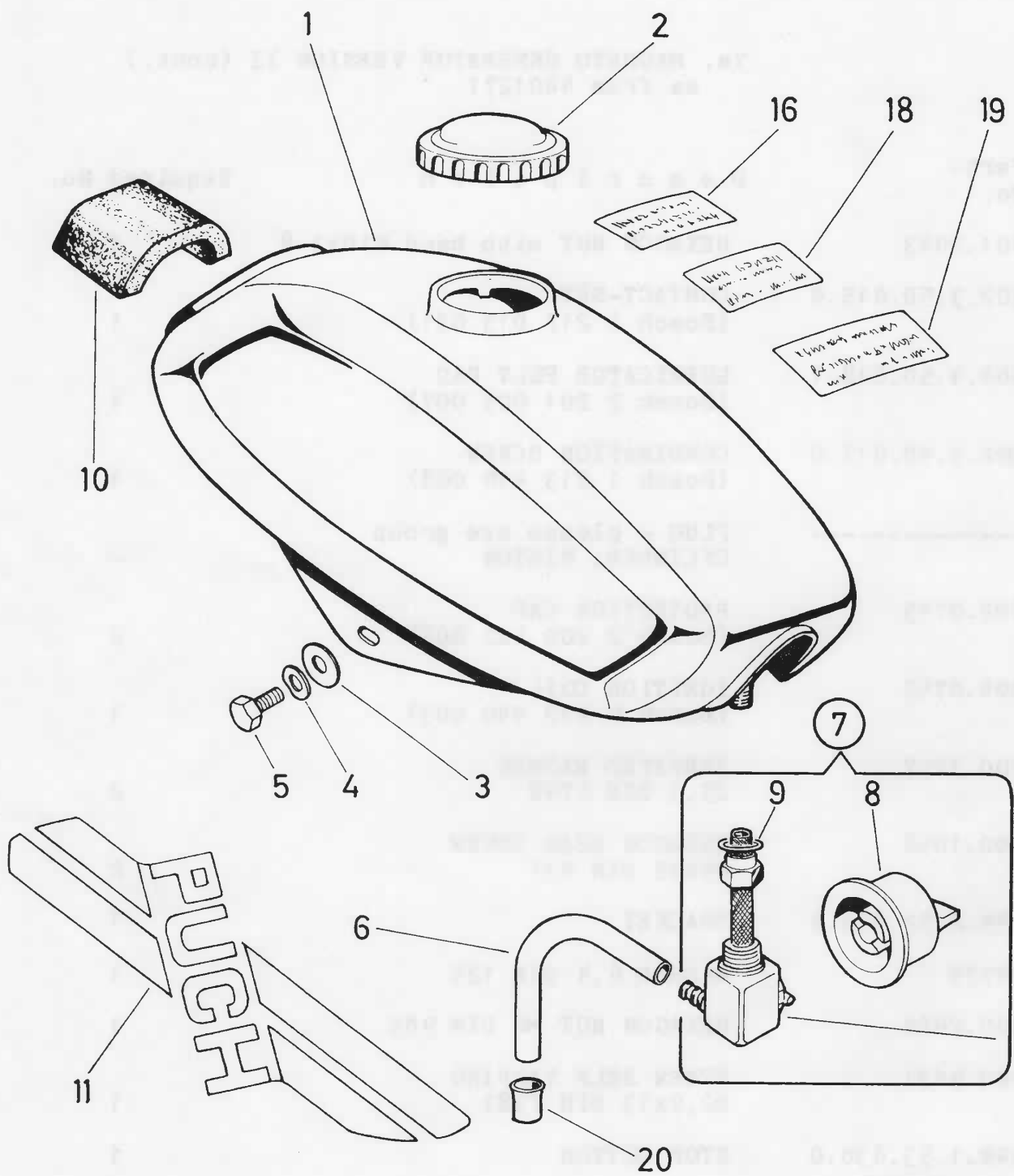
Ref.- No.	Part- No.	D e s c r i p t i o n	Required No.
--	349.3.50.300.0	MAGNETO GENERATOR ASSY (Bosch 0 204 110 002) 6V	1
1	325.1.52.005.0	SPARK PLUG PROTECTOR	1
2	700.1.09.006.1	PROTECTION CAP (Bosch 1 230 522 011)	2
3	900.0717/07	IGNITION CABLE (470mm)per meter	1
4	349.2.10.810.1	RUBBER SOCKET	1
5	349.2.50.312.2	IGNITION ARMATURE (Bosch 1 214 210 504)	1
6	364.4.50.513.2	CONDENSER (Bosch 1 237 330 035)	1
7	901.3941	WASHER 8/4,2/1	3
8	900.3253	SERRATED LOCK WASHER J4,3 DIN 6798	3
9	27458	PAN HEAD SCREW AM4x15 DIN 85	3
13	349.3.50.310.2	FLYWHEEL (Bosch 1 215 254 692)	1
14	900.4503	WOODRUFF-KEY 3x3,7 DIN 6888	1



7a. MAGNETO GENERATOR VERSION II (cont.)
as from 4401271

Ref.- No.	Part- No.	D e s c r i p t i o n	Required No.
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	LUBRICATOR FELT PAD (Bosch 2 201 005 007)	1
18	302.3.50.017.0	COMBINATION SCREW (Bosch 1 213 410 008)	1
19	-----	PLUG - please see group CYLINDER, PISTON	-
20	902.0745	PROTECTION CAP (Bosch 2 200 522 002)	2
21	904.0759	IGNITION COIL (Bosch 0 212 940 003)	1
22	900.3257	SERRATED WASHER J5,3 DIN 6798	2
23	900.1058	HEXAGON HEAD SCREW M5x25 DIN 931	2
24	349.2.52.853.2	BRACKET	1
25	24795	WASHER 6,4 DIN 125	1
26	900.2966	HEXAGON NUT M6 DIN 985	1
27	900.9631	SCREW SELF TAPPING B2,9x13 DIN 7981	1
31	349.1.53.830.0	STOP BUTTON	1
32	364.1.53.227.1	CABLE BINDER	as reqd.
33	51.1.5703	JUNCTION BLOCK, 2-rows	1
34	323.1.57.000.0	HARNESS	1

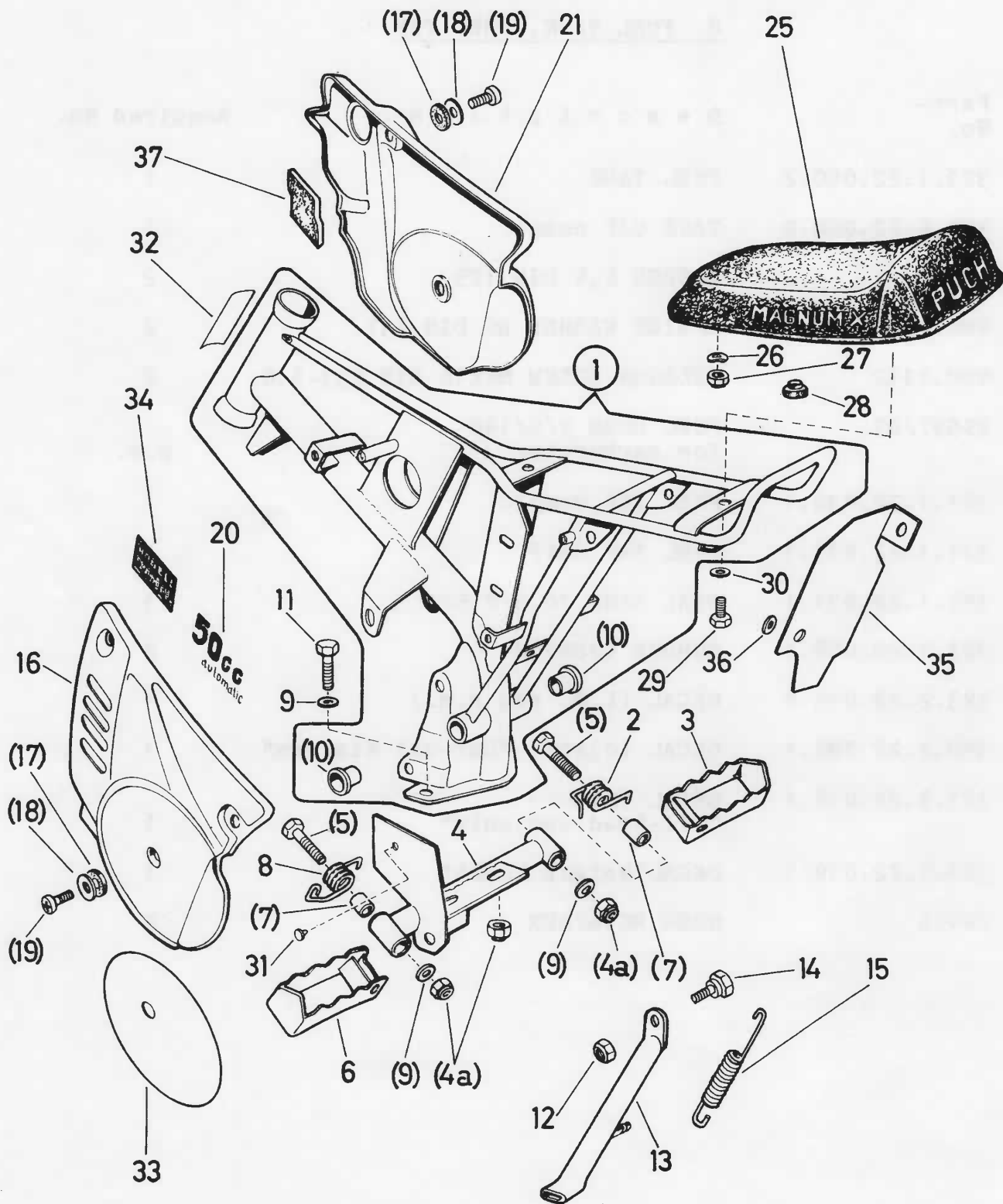
Parts not identified by a number are not
available singly from Messrs.Bosch.



MX/22/1 US.

8. FUEL TANK, FUEL TAB

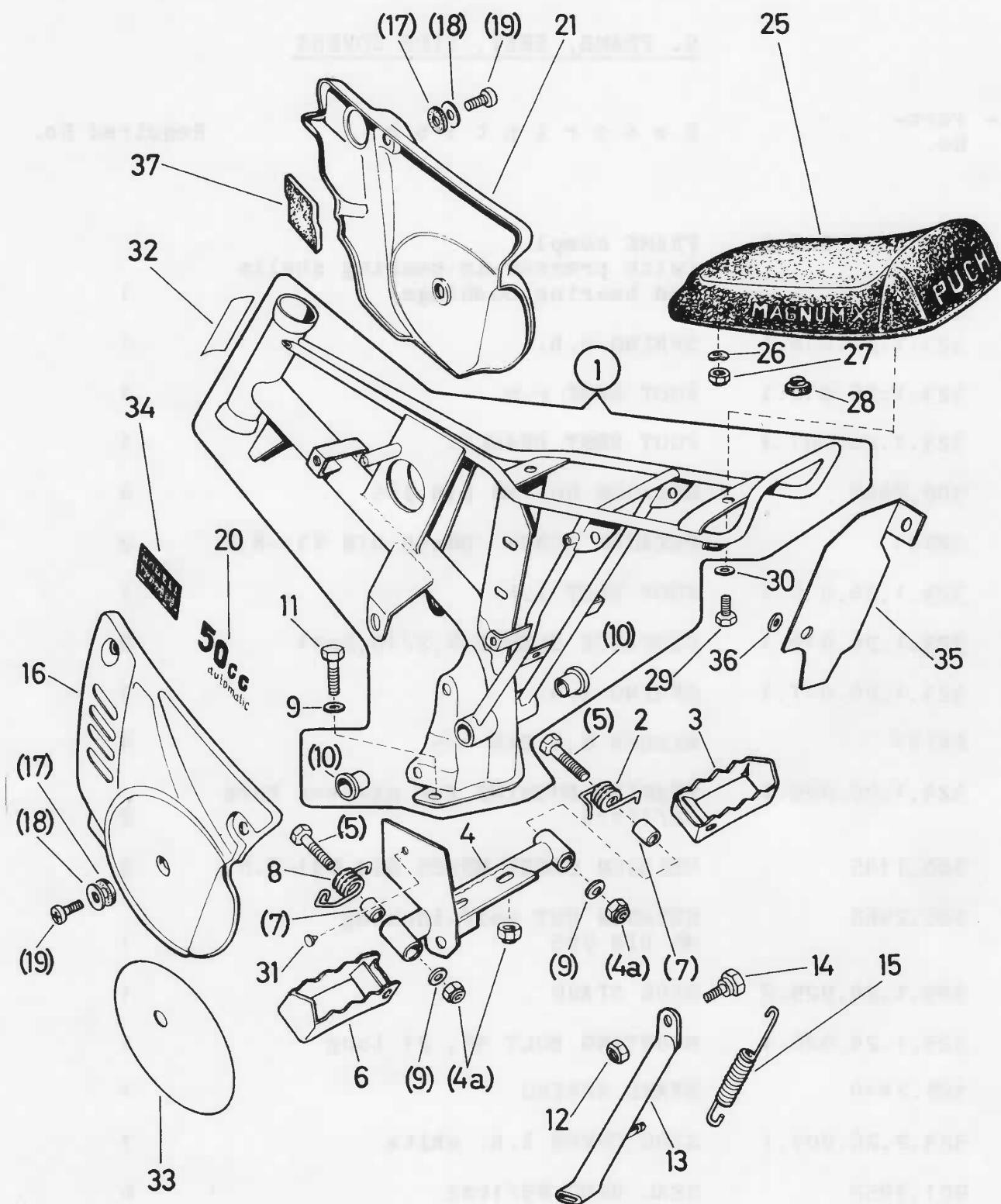
Ref.- No.	Part- No.	D e s c r i p t i o n	Required No.
1	323.1.22.000.2	FUEL TANK	1
2	349.4.22.020.0	TANK CAP compl.	1
3	24795	WASHER 6,4 DIN 125	2
4	900.3213	SPRING WASHER B6 DIN 137	2
5	900.1132	HEXAGON SCREW M6x16 DIN 933-8.8	2
6	25597/07	FUEL HOSE 9/5/140 for carburetor	p.m.
7	321.1.22.430.1	FUEL TAP compl.	1
8	321.1.22.413.1	FUEL TAP GRIP	1
9	349.1.22.031.1	SEAL RING 10,5/8,5/1	1
10	323.1.22.008.1	RUBBER CUSHION	2
11	323.2.22.015.0	DECAL (l.h. and r.h.)	1
16	350.2.22.227.1	DECAL (black) "Gas-Oil Mixture"	1
18	323.3.22.018.1	DECAL (black) "Off-Road use only"	1
19	323.1.22.019.1	DECAL "Weight Limit"	1
20	24456	HOSE RETAINER	2



MX/20/1 US.

9. FRAME, SEAT, SIDE COVERS

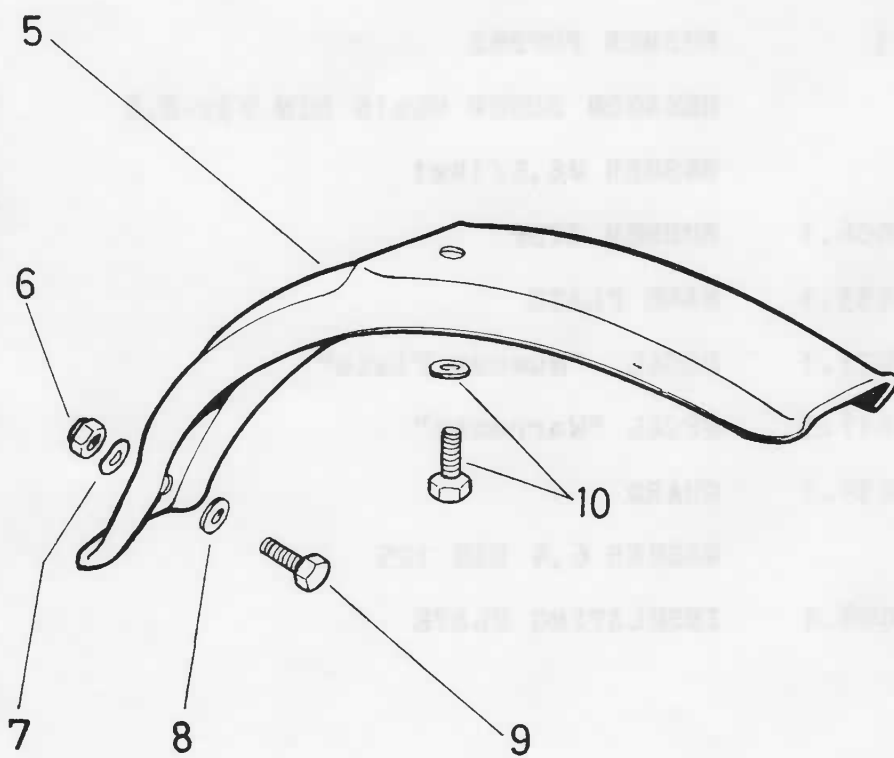
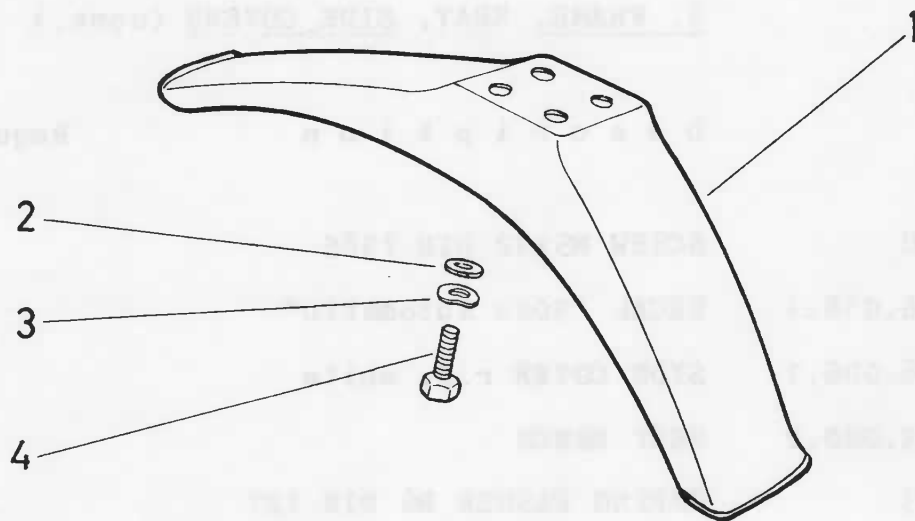
Ref.- No.	Part- No.	D e s c r i p t i o n	Required No.
1	323.1.20.000.0	FRAME compl. (with pressed-in bearing shells and bearing bushings)	1
2	323.1.26.018.1	SPRING r.h.	1
3	323.1.26.016.1	FOOT REST r.h.	1
4	323.1.26.001.2	FOOT REST BRACKET	1
4a	900.2968	HEXAGON NUT M8 DIN 985	4
5	22895	HEXAGON SCREW M8x50 DIN 931-8.8	2
6	323.1.26.015.1	FOOT REST l.h.	1
7	323.1.26.019.1	DISTANCE SLEEVE 8,2/10,2x11	2
8	323.1.26.017.1	SPRING l.h.	1
9	24797	WASHER 8,4 DIN 125	4
10	323.1.20.025.1	BEARING BUSHING for pivoted fork 12/17x20	2
11	900.1145	HEXAGON SCREW M8x20 DIN 931-8.8	2
12	900.2968	HEXAGON NUT self-locking M8 DIN 985	1
13	323.1.24.025.2	SIDE STAND	1
14	323.1.24.026.1	MOUNTING BOLT M8, 21 long	1
15	128.2410	STAND SPRING	1
16	323.2.26.007.1	SIDE COVER l.h. white	1
17	901.3952	SEAL RING Ø5/16x2	6
18	900.3077	WASHER 5,3 DIN 9021	6



MX / 20 / 1 US.

9. FRAME, SEAT, SIDE COVERS (cont.)

Ref.- No.	Part- No.	D e s c r i p t i o n	Required No.
19	900.9110	SCREW M5x12 DIN 7985	6
20	323.1.26.014.1	DECAL "50cc Automatic"	2
21	323.2.26.006.1	SIDE COVER r.h. white	1
25	323.2.33.000.2	SEAT BENCH	1
26	900.3213	SPRING WASHER B6 DIN 127	2
27	900.2966	HEXAGON NUT M6 DIN 985 self-locking	1
28	050.1.2123	RUBBER PUFFER	2
29	900.1132	HEXAGON SCREW M6x16 DIN 933-8.8	1
30	28909	WASHER Ø6,5/14x1	1
31	364.1.27.006.1	RUBBER STOP	1
32	323.1.20.033.1	NAME PLATE	1
33	323.1.26.027.1	DECAL "Number Plate"	2
34	323.1.22.017.1	DECAL "Warranty"	1
35	323.1.20.034.1	GUARD	1
36	24795	WASHER 6,4 DIN 125	1
37	323.1.26.008.1	INSULATING PLATE	1



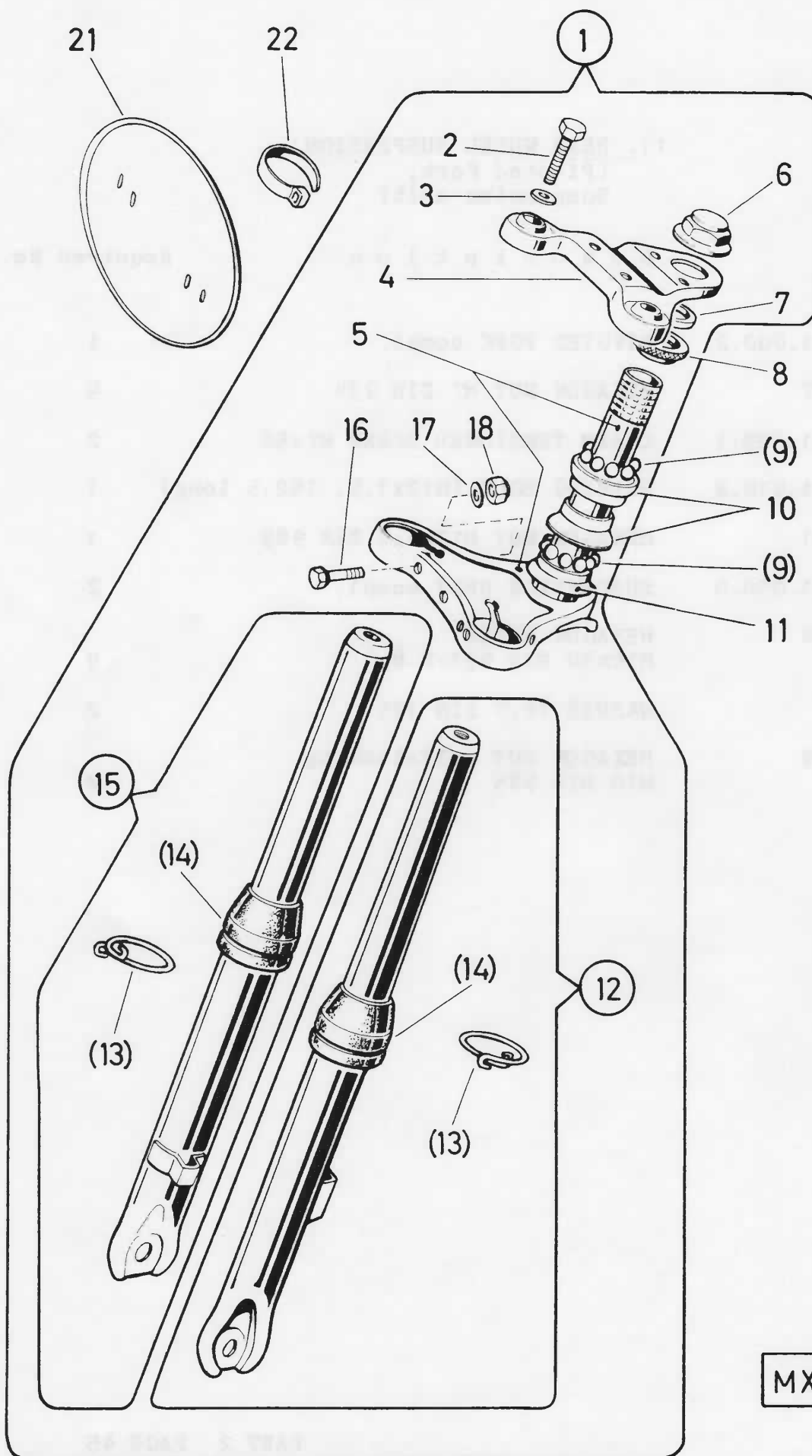
MX/27/1 US.

10. FENDERS

Ref.- No.	Part- No.	D e s c r i p t i o n	Required No.
1	323.1.27.000.1	FENDER, front	1
2	900.3983	WASHER 6,2/17x2	4
3	900.3213	SPRING WASHER B6 DIN 137	4
4	900.1132	HEXAGON SCREW M6x16 DIN 933-8.8	4
5	323.1.27.010.1	FENDER, rear	1
6	900.2966	HEXAGON NUT self-locking M8 DIN 985	1
7	900.3213	SPRING WASHER B6 DIN 137	2
8	900.3983	WASHER 6,2/17x2	2
9	900.1132	HEXAGON SCREW M6x16 DIN 933-8.8	2
10	-----	See Group 9, Ref.No.29, 30	-

11. REAR WHEEL SUSPENSION
(Pivoted Fork,
Suspension unit)

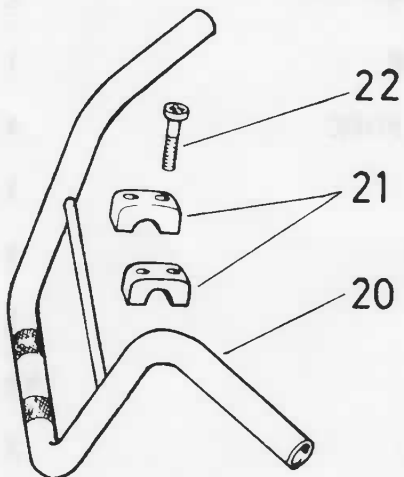
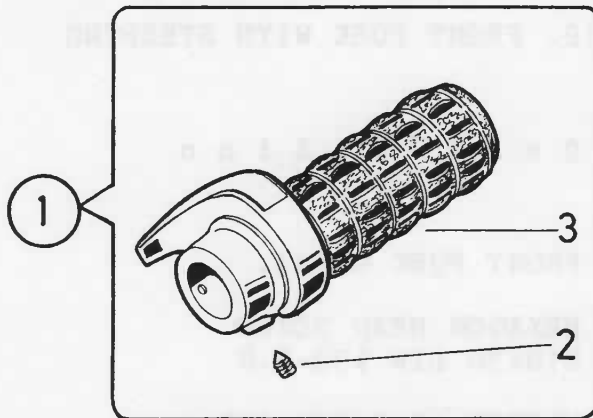
Ref.- No.	Part- No.	Description	Required No.
1	323.1.21.000.2	PIVOTED FORK compl.	1
5	900.2107	HEXAGON NUT M7 DIN 934	4
6	367.1.21.025.1	CHAIN TENSIONER SCREW M7x52	2
7	323.1.21.010.2	BEARING BOLT (M12x1,5, 152,5 long)	1
8	900.2971	HEXAGON NUT M12x1,5 DIN 985	1
10	323.1.21.050.0	SUSPENSION UNIT compl.	2
15	900.1024	HEXAGON SCREW M10x40 DIN 931-8.8	4
16	22792	WASHER 10,5 DIN 125	2
18	900.2969	HEXAGON NUT self-locking M10 DIN 985	2



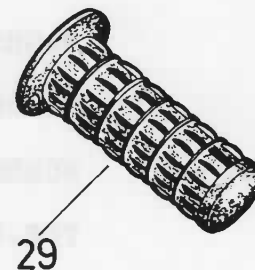
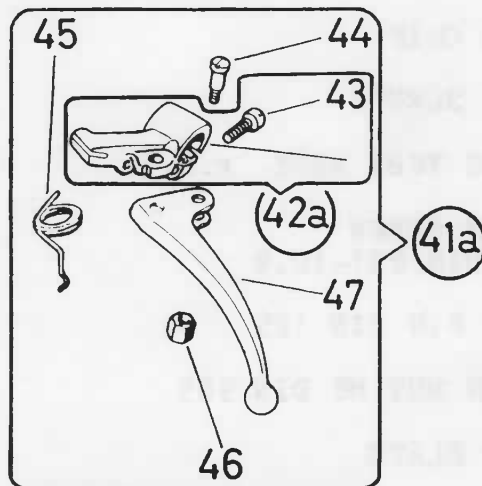
MX / 30 / 1 US.

12. FRONT FORK WITH STEERING

Ref.- No.	Part- No.	D e s c r i p t i o n	Required No.
1	323.1.30.000.0	FRONT FORK compl.	1
2	901.1009	HEXAGON HEAD SCREW M10x30 DIN 933-8.8	2
3	22792	WASHER 10,5 DIN 125	2
4	323.1.30.007.2	TOP BRIDGE FOR FORK	1
5	323.1.30.006.2	BOTTOM BRIDGE FOR FORK	1
6	349.1.30.518.1	FORK SHAFT NUT	1
7	901.3935	WASHER 26,2/32x2,5	1
8	321.1.30.708.1	TOP GUIDE BUSHING	1
9	25226	BALL Ø5	42
10	25221	BEARING CUP	2
11	25220	BOTTOM GUIDE BUSHING	1
12	323.1.30.015.0	SLIDING TUBE l.h. Assy.	1
13	323.1.30.029.1	FIXING CLIP	2
14	323.1.30.028.1	RUBBER SLEEVE	2
15	323.1.30.016.0	SLIDING TUBE ASSY. r.h.	1
16	D009310212	HEXAGON SCREW M8x60 DIN 931-10.9	2
17	24797	WASHER 8,4 DIN 125	2
18	900.2968	HEXAGON NUT M8 DIN 985	2
21	323.1.27.005.1	NUMBER PLATE	1
22	901.9826	TIE-WRAP	2

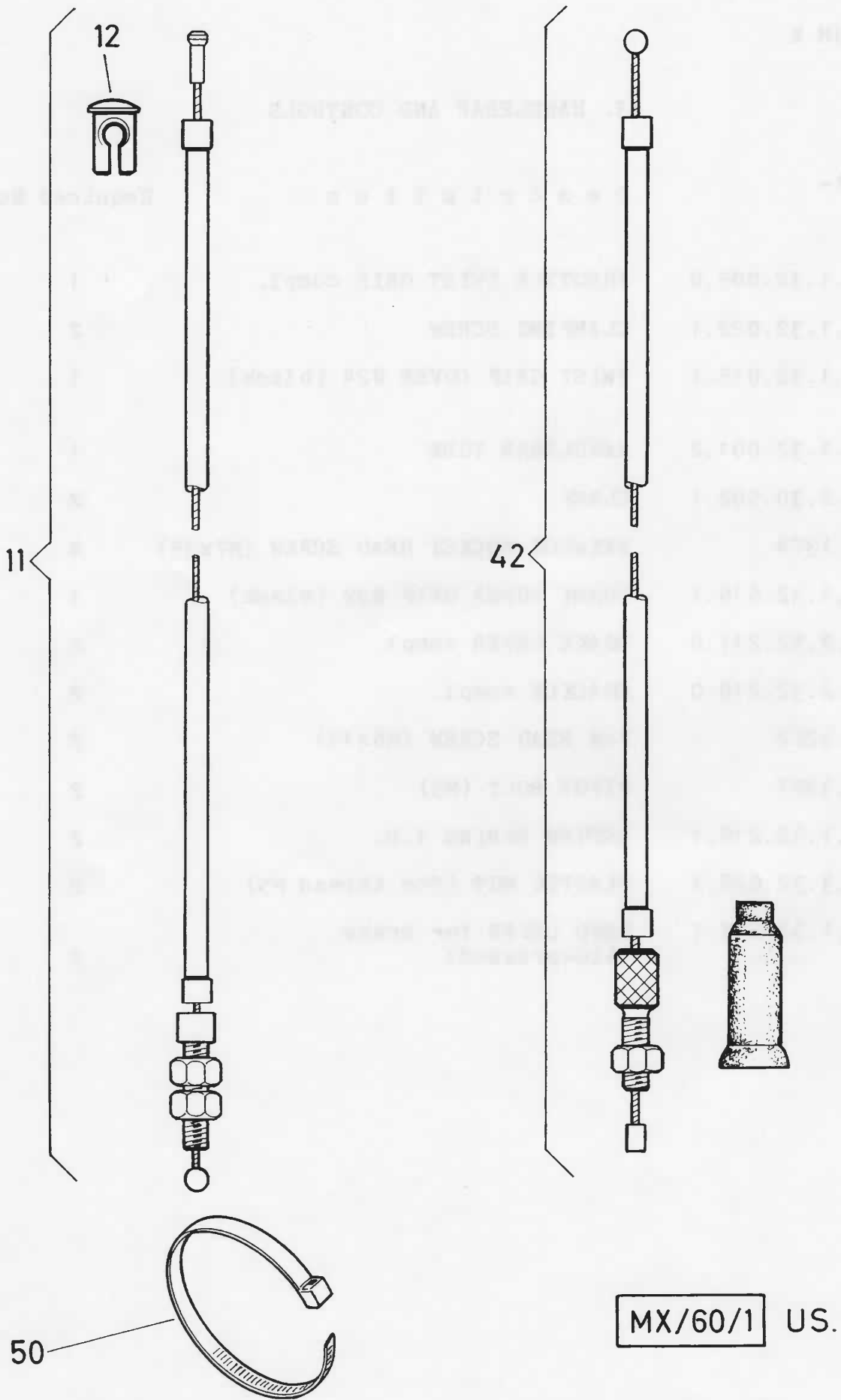


MX/32/1 US.



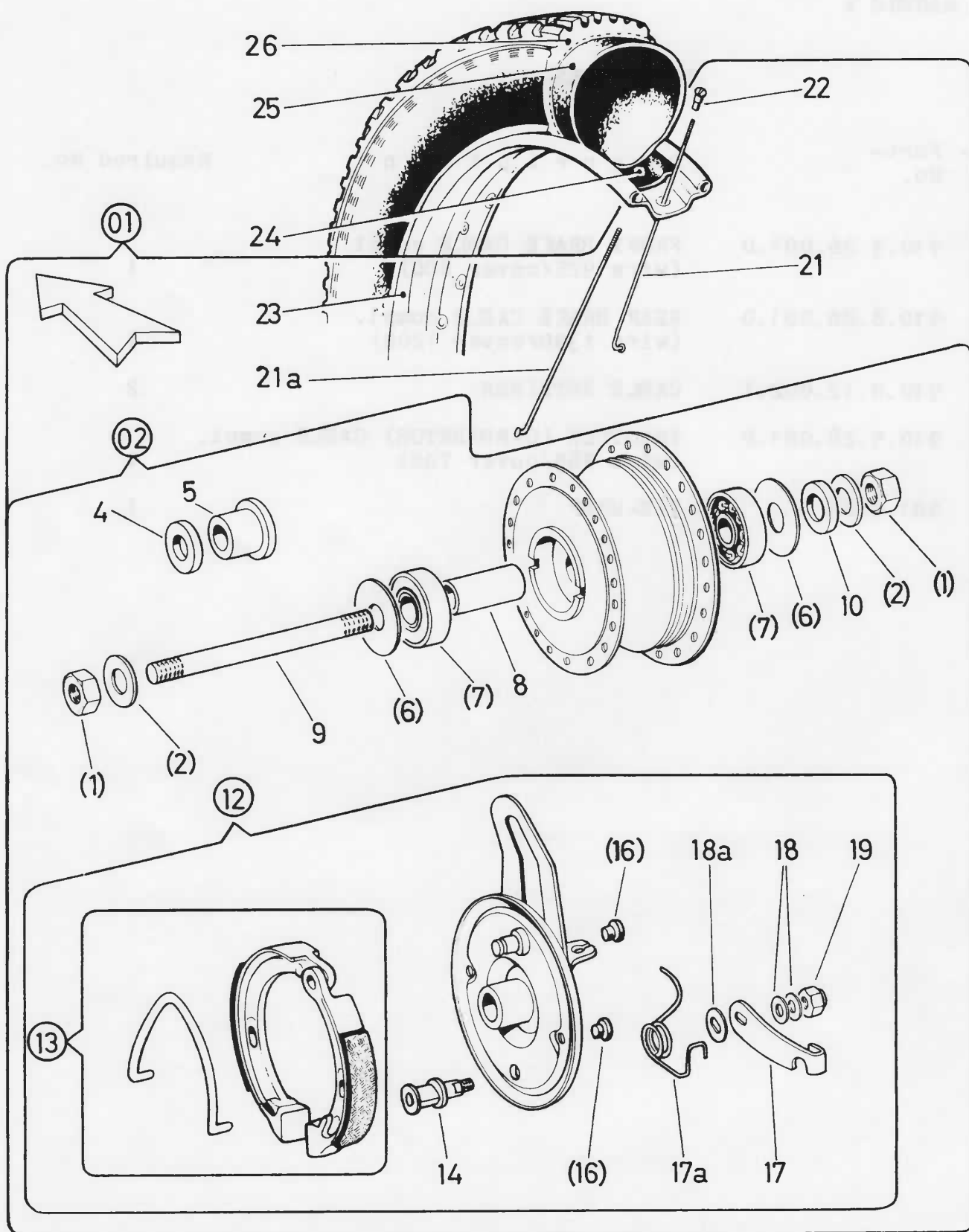
13. HANDLEBAR AND CONTROLS

Ref.- No.	Part- No.	D e s c r i p t i o n	Required No.
1	323.1.32.005.0	THROTTLE TWIST GRIP compl.	1
2	323.1.32.022.1	CLAMPING SCREW	2
3	323.1.32.015.1	TWIST GRIP COVER Ø24 (black)	1
20	323.1.32.001.2	HANDLEBAR TUBE	1
21	349.2.30.502.1	CLAMP	2
22	900.1374	HEXAGON SOCKET HEAD SCREW (M7x35)	4
29	349.1.32.816.1	DUMMY RUBER GRIP Ø22 (black)	1
41a	349.2.32.217.0	BRAKE LEVER compl.	2
42a	349.2.32.218.0	SHACKLE compl.	2
43	050.3222	PAN HEAD SCREW (M6x15)	2
44	050.3227	PIVOT BOLT (M5)	2
45	349.1.32.219.1	RETURN SPRING l.h.	2
46	349.3.32.028.1	PLASTIC NUT (for thread M5)	2
47	349.1.32.217.1	HAND LEVER for brake (Alu-pressed)	2



14. CABLES

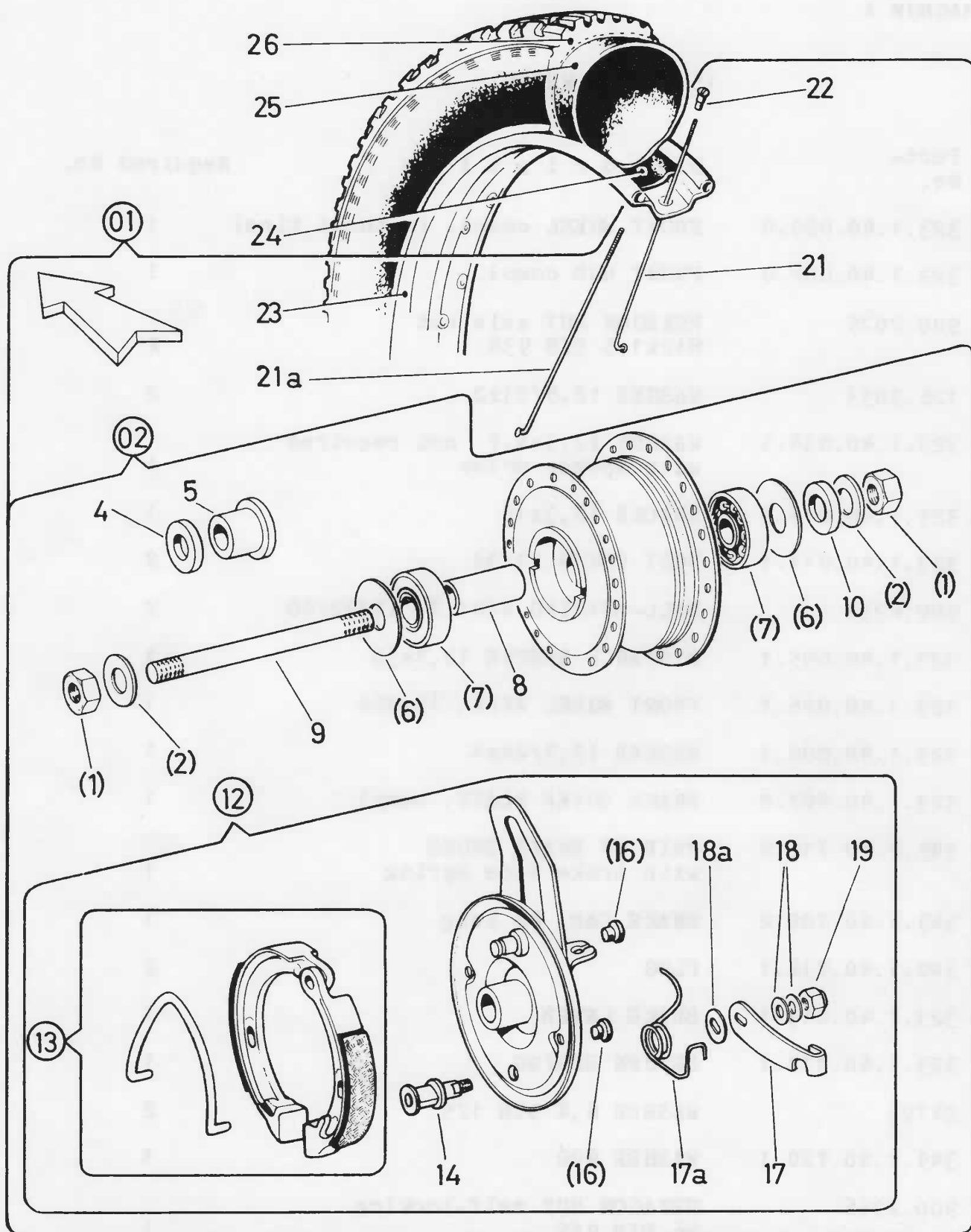
Ref.- No.	Part- No.	D e s c r i p t i o n	Required No.
11	910.3.26.001.0	FRONT BRAKE CABLE compl. (wire 925/cover 800)	1
11	910.8.20.001.0	REAR BRAKE CABLE compl. (wire 1390/cover 1260)	1
12	910.0.12.002.1	CABLE RETAINER	2
42	910.5.28.001.2	THROTTLE (CARBURETOR) CABLE compl. (wire 765/cover 700)	1
50	901.9805	TIE-WRAP	1



MX/40/1 US.

15. FRONT WHEEL

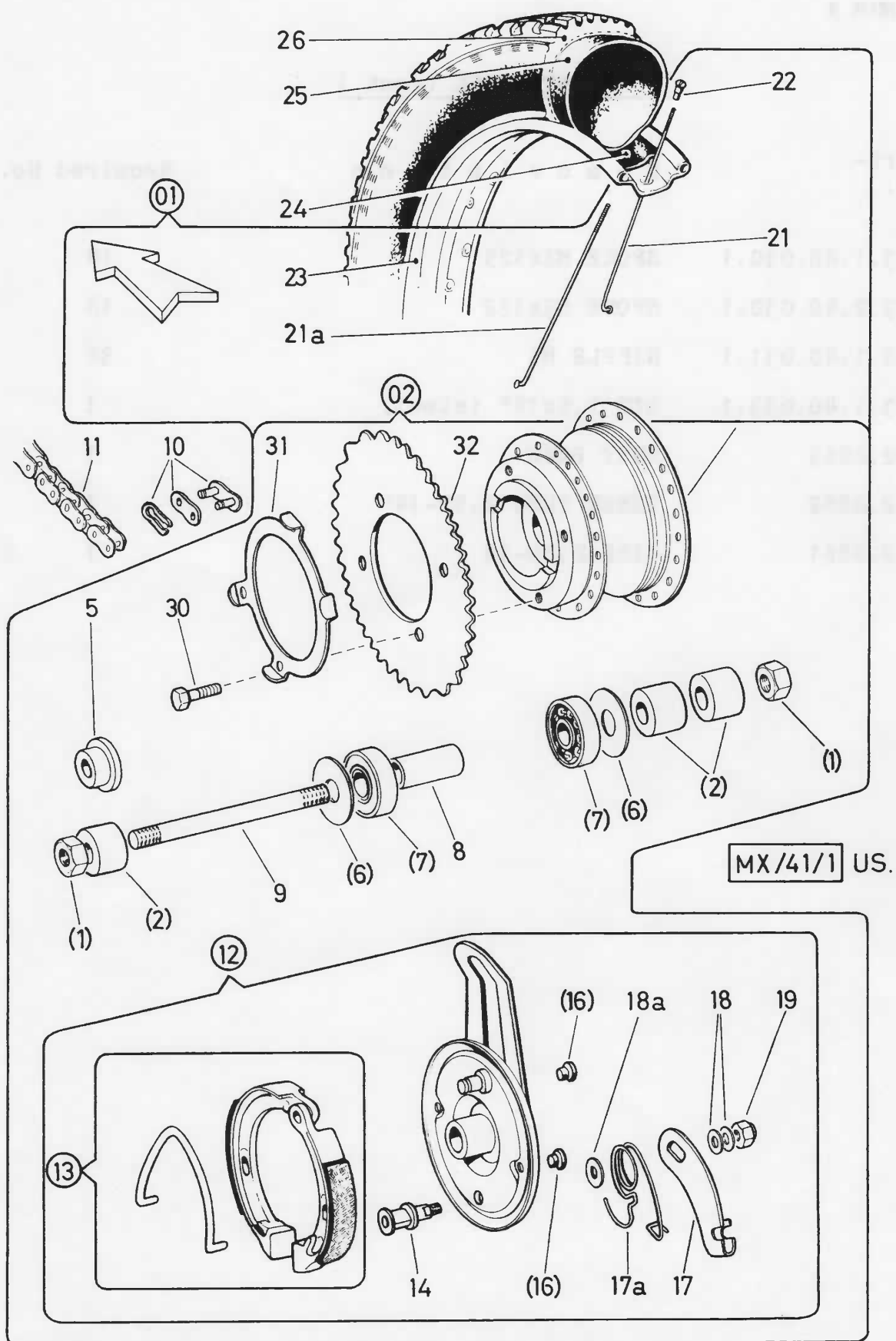
Ref.- No.	Part- No.	D e s c r i p t i o n	Required No.
01	323.1.40.000.0	FRONT WHEEL compl. (without tire)	1
02	323.1.40.002.0	FRONT HUB compl.	1
1	900.2025	HEXAGON NUT axle nut M12x1,5 DIN 934	2
2	126.3033	WASHER 12,8/21x2	2
4	323.1.40.034.1	WASHER 12,3x4,7 not required with speedo drive	1
5	323.1.40.010.1	SPACER 12,3x18	1
6	323.1.40.011.1	DUST COVER 21/32	2
7	900.6234	BALL-BEARING 6201 Z, 12/32/10	2
8	323.1.40.005.1	DISTANCE SLEEVE 12,3x35	1
9	323 1.40.026.1	FRONT WHEEL AXLE, 12x150	1
10	323.1.40.006.1	WASHER 12,3/24x4	1
12	323.1.40.007.0	BRAKE COVER PLATE, compl.	1
13	349.2.40.715.9	PAIR OF BRAKE SHOES with brake shoe spring	1
14	349.2.40.709.2	BRAKE CAM, 46 long	1
16	349.1.40.716.1	PLUG	2
17	323.1.40.013.1	BRAKE LEVER	1
17a	323.1.40.019.1	RETURN SPRING	1
18	24795	WASHER 6,4 DIN 125	2
18a	349.2.40.720.1	WASHER Ø20	1
19	900.2966	HEXAGON NUT self-locking M6 DIN 985	1



MX/40/1 US.

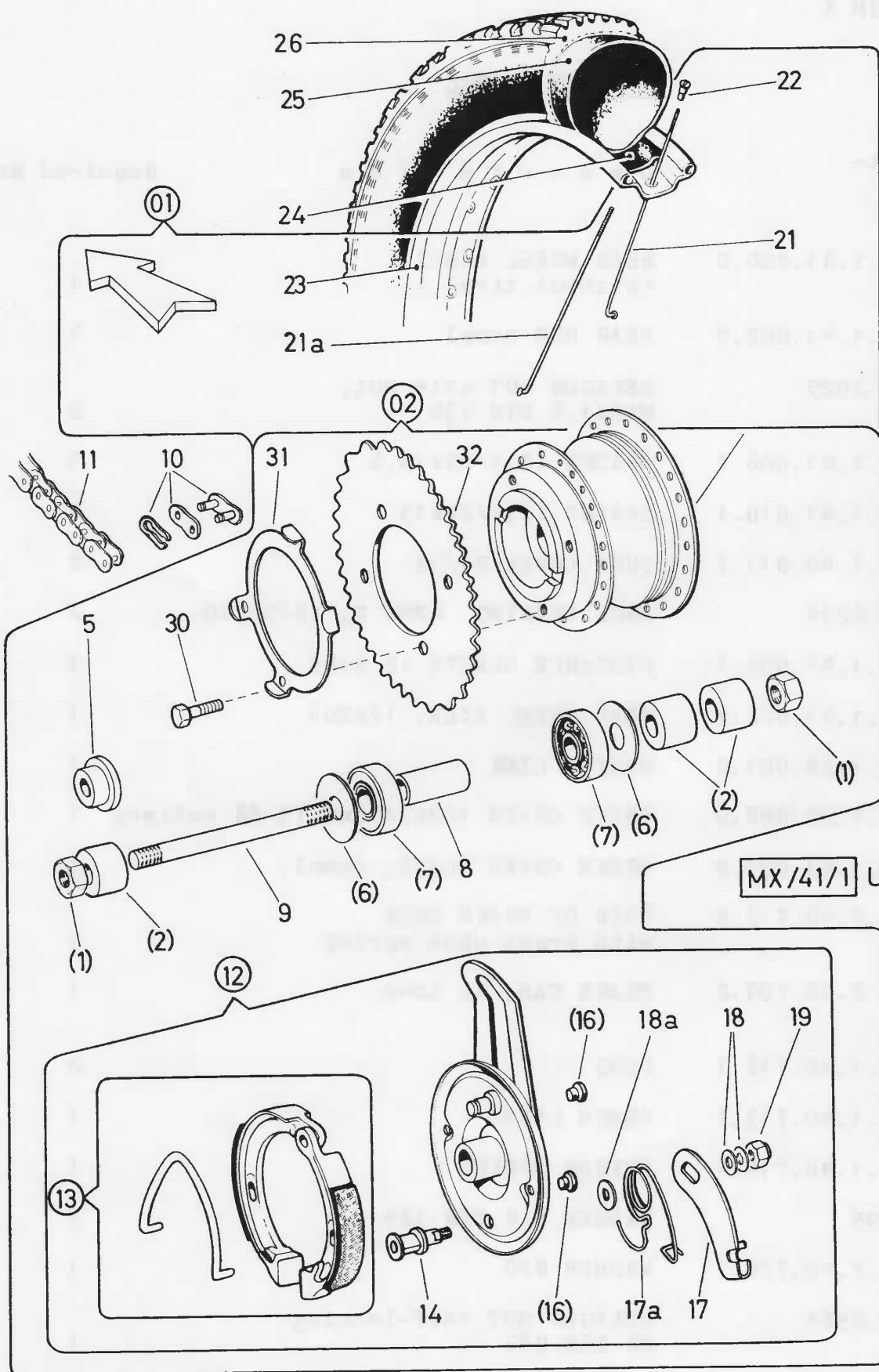
15. FRONT WHEEL (cont.)

Ref.- No.	Part- No.	D e s c r i p t i o n	Required No.
21	323.1.40.030.1	SPOKE M3x125	18
21a	323.2.40.030.1	SPOKE M3x132	18
22	323.1.40.031.1	NIPPLE M3	36
23	323.1.40.033.1	RIM 1,5x14" (steel)	1
24	902.0863	RUST BAND	1
25	902.0862	INNER TUBE 2,50-14"	1
26	902.0861	TIRE 2,50-14	1



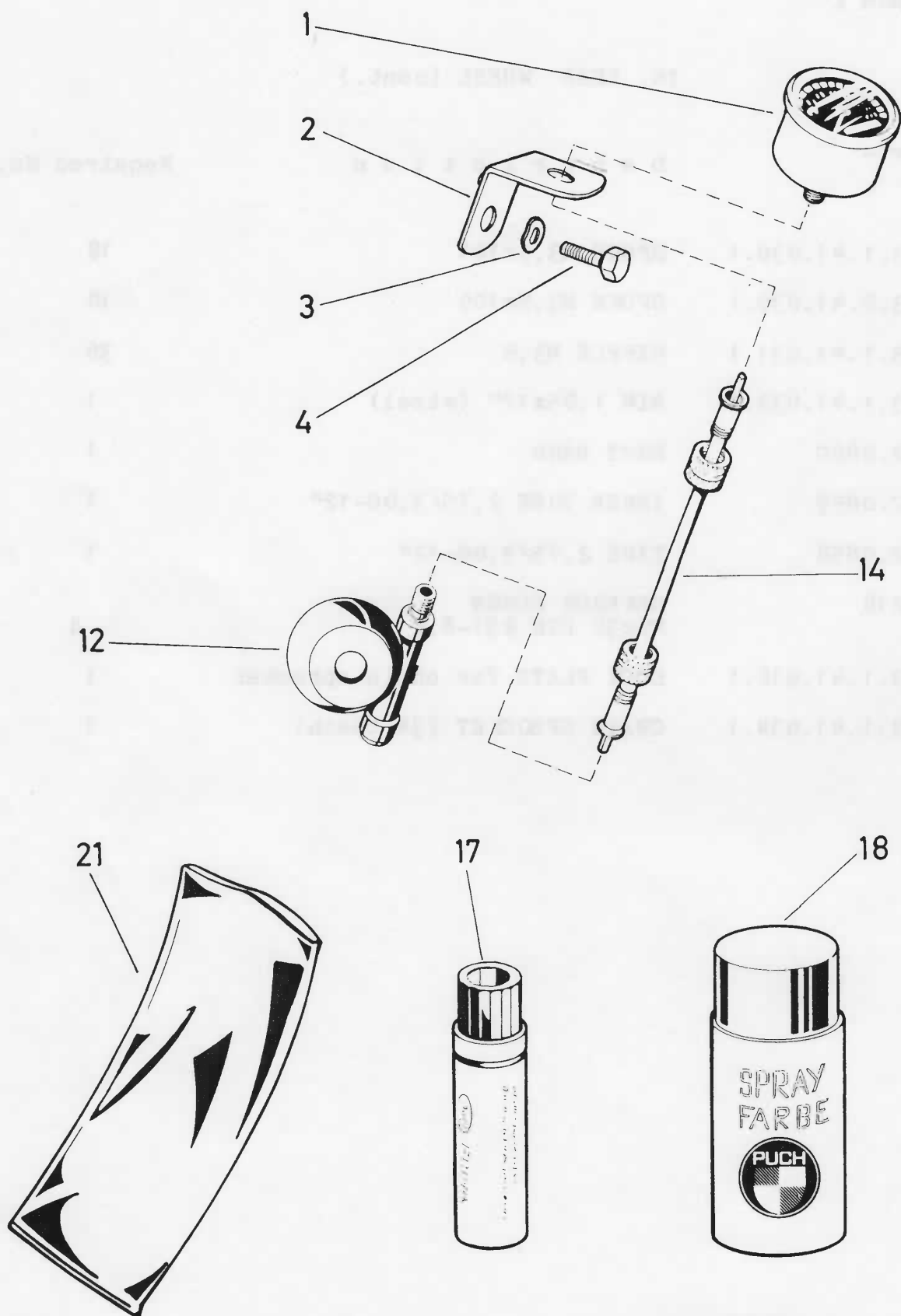
16. REAR WHEEL

Ref.- No.	Part- No.	D e s c r i p t i o n	Required No.
01	323.1.41.000.0	REAR WHEEL compl. (without tire) -	1
02	323.1.41.002.0	REAR HUB compl.	1
1	900.2025	HEXAGON NUT axle nut, M12x1,5 DIN 934	2
2	323.1.41.006.1	SPACER 12,3/25x15,5	3
5	323.1.41.010.1	SPACER 12,3/24x13	1
6	323.1.40.011.1	DUST COVER 21/32	2
7	900.6234	BALL BEARING 6201 Z, 12/32/10	2
8	323.1.41.005.1	DISTANCE SLEEVE 12,3x65	1
9	323.1.41.026.1	REAR WHEEL AXLE, 12x204	1
10	907.1.28.001.0	MASTER LINK	1
11	907.1.28.088.0	DRIVE CHAIN 1/2x3/16x7,75-88 rollers	1
12	323.1.41.007.0	BRAKE COVER PLATE, compl.	1
13	349.2.40.715.9	PAIR OF BRAKE SHOE with brake shoe spring	1
14	349.2.40.709.2	BRAKE CAM, 46 long	1
16	349.1.40.716.1	PLUG	2
17	349.1.40.713.1	BRAKE LEVER	1
17a	349.1.40.719.1	RETURN SPRING	1
18	24795	WASHER 6,4 DIN 125	2
18a	349.2.40.720.1	WASHER Ø20	1
19	900.2966	HEXAGON NUT self-locking M6 DIN 985	1



16. REAR WHEEL (cont.)

Ref.- No.	Part- No.	D e s c r i p t i o n	Required No.
21	323.1.41.030.1	SPOKE M3,5x104	18
21a	323.2.41.030.1	SPOKE M3,5x109	18
22	323.1.41.031.1	NIPPLE M3,5	36
23	323.1.41.033.1	RIM 1,85x12" (steel)	1
24	902.0860	RUST BAND	1
25	902.0859	INNER TUBE 2,75/3,00-12"	1
26	902.0858	TIRE 2,75/3,00-12"	1
30	24218	HEXAGON SCREW M7x35 DIN 931-8.8	4
31	323.1.41.018.1	LOCK PLATE for chain sprocket	1
32	323.1.41.034.1	CHAIN SPROCKET (34 teeth)	1



MX/70/1 US.

17. SPEEDOMETER WITH SPEEDOMETER DRIVE, ACCESSORIES

Part- No.		Description	Required No.
1	350.2.53.224.0	SPEEDOMETER HEAD dia.48mm, 45 mph	as reqd.
2	323.1.30.051.1	BRACKET for speedometer	as reqd.
3	900.3211	SPRING WASHER B8 DIN 137	as reqd.
4	900.1164	SCREW HEXAGON HEAD M8x12 DIN 933	as reqd.
2	323.1.40.050.0	SPEEDOMETER DRIVE compl.	as reqd.
4	323.1.53.025.0	SPEEDOMETER CABLE, 130mm long	as reqd.
7	900.0223/09	PAINT STIK white (RAL 9001)	as reqd.
7	900.0220/09	PAINT STIK black (GR 9005)	as reqd.
8	900.0223/08	SPRAY PAINT white (RAL 9001)	as reqd.
8	900.0220/08	SPRAY PAINT black (GR 9005)	as reqd.
1	323.1.10.010.0	GASKET SET	1