

TRIUMPH
TIGER CUB

SPORTS MODEL
REPLACEMENT
PARTS CATALOGUE

No. 1

ÊTRE VENDU

TIGER CUB
'A' RANGE MODELS
T20SM T20SH
FROM ENGINE NO. 101

Each 1963 TRIUMPH an Achievement



"The scooter that thinks for itself." Brand new in design — brand new performance! Reduces motoring to its simplest and safest. Has just two controls, a twistgrip accelerator and brakes, no clutch or gears. Climbs hills silently, smoothly as transmission automatically adjusts itself to the grade. Perfect choice for a household's "second vehicle" in convenience, first cost, and expense. Under \$340.00.



SPORTS TIGER CUB

Appealing all-around lightweight with an extra punch provided by the special sports engine. Fitted with AC magneto and direct lighting (no battery), this model is equally at home on the highway or in hills and is ideal for hunting and fishing.



THUNDERBIRD

International pace setter for styling, noted for unusual performance plus economy. Whisper quiet, and smooth, the all-new 1963 Thunderbird is lighter and easier to handle — it's certain to be the overwhelming choice of discerning riders.



TIGER 100

Stylish and fast "500" twin in highway sports trim. The Tiger 100 offers an amazing power range with the added virtue of being extremely light and easy to handle. The 1963 Tiger T100S/R sets a new standard for style — is the most popular "500" in the world!



TROPHY

Superb high performance sports twin with amazing ability for practical all-around highway fun. Its sturdiness and smooth handling make for exceptional riding comfort. The 1963 Trophy is an all-new and fast "650" with man-sized appeal!

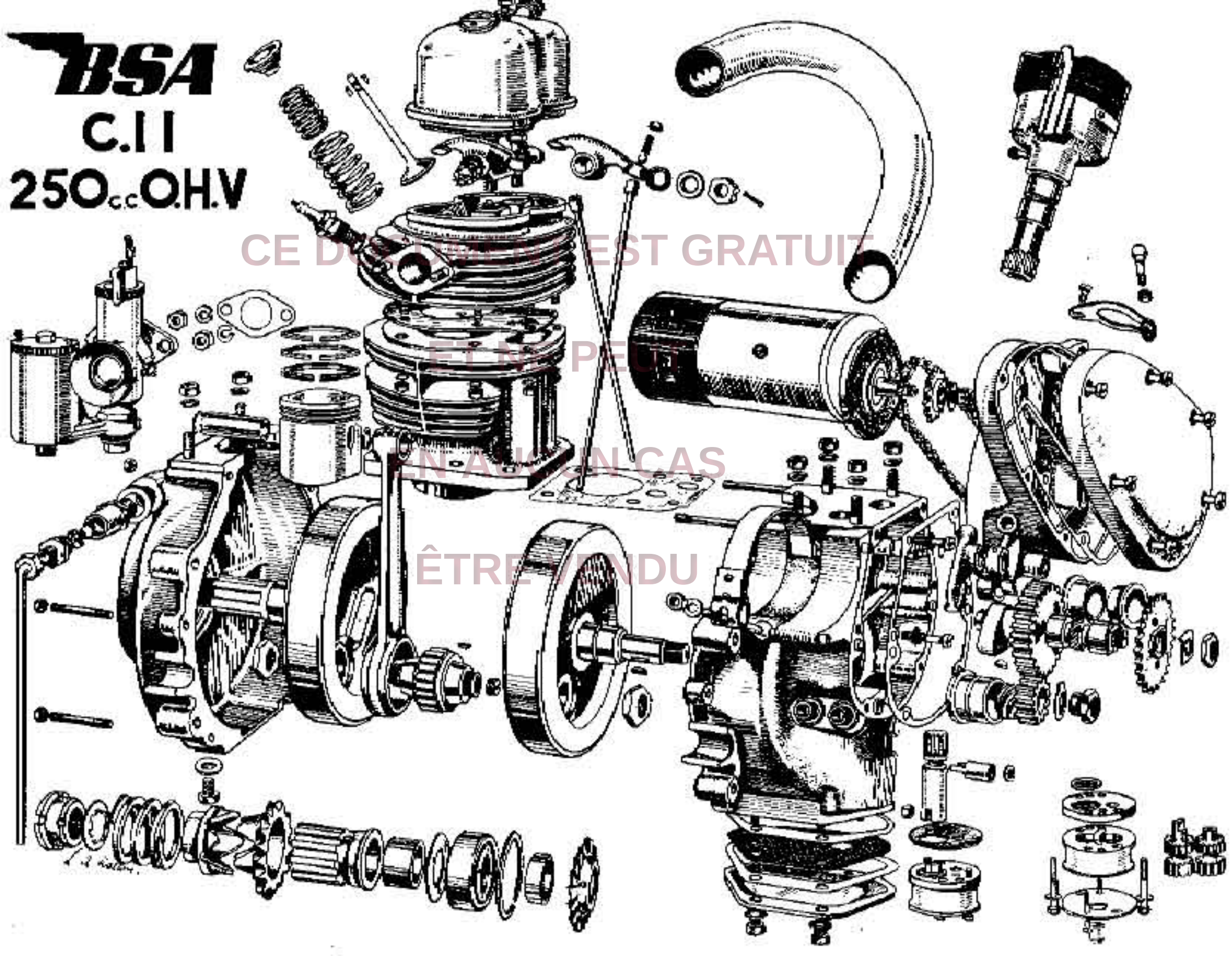
NOTE: Certain sports and competition models are not illustrated here — see your local Triumph dealer for complete details.

See ten New 1963

TRIUMPH

MOTORCYCLES

at your dealer...NOW!



BSA
C.11
250_{cc} O.H.V

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TRIUMPH

RECOMMENDED LUBRICANTS

UNITED KINGDOM

UNIT	MOBIL	B.P.	CASTROL	ESSO	SHELL	REGENT
Engine—Summer ... Winter ...	Mobiloil A Mobiloil Arctic	Energol SAE 30 Energol SAE 20W	Castrol XL Castrolite	Esso Extra Motor Oil 20W/30	Shell X-100 30 Shell X-100 20W	Havoline SAE.30 Havoline SAE.20W
Gearbox ...	Mobiloil D	Energol SAE 50	Castrol XL	Esso Extra Motor Oil 20W/30	Shell X-100 50	Havoline SAE.50
Primary Chaincase ...	Mobiloil Arctic	Energol SAE.20	Castrolite	Esso Extra Motor Oil 20W/30	Shell X-100 20W	Havoline SAE.20W
Telescopic Fork—Summer Winter	Mobiloil A Mobiloil Arctic	Energol SAE 30 Energol SAE 20W	Castrol XL Castrolite	Esso Extra Motor Oil 20W/30	Shell X-100 30 Shell X-100 20W	Havoline SAE.30 Havoline SAE.20W
Wheel Bearings ... Swinging Fork ...	Mobilgrease M.P.	Energol L2	Castrol L.M.	Esso Multipurpose Grease H	Shell Retinax A	Marfak Multipurpose 2
Easing Rusted Parts ...	Mobil Spring Oil	Energol Penetrating Oil	Castrol Penetrating Oil	Esso Penetrating Oil	Shell Donax P	Graphited Penetrating Oil

RECOMMENDED LUBRICANTS

OVERSEAS

UNIT	MOBIL	B.P.	CASTROL	ESSO	SHELL	CALTEX
Engine—Above 90°F. ... 32°—90°F. ... Below 32°F. ...	Mobiloil AF Mobiloil A Mobiloil Arctic	Energol SAE 40 Energol SAE 30 Energol SAE 20W	Castrol XXL Castrol XL Castrolite	Esso Extra Motor Oil 20W/40 10W/30	Shell X-100 40 Shell X-100 30 Shell X-100 20W	Caltex SAE.40 Caltex SAE.30 Caltex SAE.20W
Gearbox ...	Mobiloil A	Energol SAE 50	Castrol XL	Esso Extra Motor Oil 20W/40	Shell X-100 30	Caltex SAE.30
Primary Chaincase ...	Mobiloil Arctic	Energol SAE 20W	Castrolite	Esso Extra Motor Oil 20W/40	Shell X-100 20W	Caltex SAE.20W
Telescopic Fork ... Above 90°F. ... 60°—90°F. ... Below 60°F. ...	Mobiloil D Mobiloil A Mobiloil Arctic	Energol SAE 50 Energol SAE 30 Energol SAE 20W	Castrol Grand Prix Castrol XL Castrolite	Esso Extra Motor Oil 20W/40	Shell X-100 50 Shell X-100 30 Shell X-100 20W	Caltex SAE.50 Caltex SAE.30 Caltex SAE.20W
Wheel Bearings, Swinging Fork, Steering Races ...	Mobilgrease M.P.	Energol L2	Castrol L.M.	Esso Multipurpose Grease H	Shell Retinax A	Marfak Multipurpose 2
Easing Rusted Parts ...	Mobil Spring Oil	Energol Penetrating Oil	Castrol Penetrating Oil	Esso Penetrating Oil	Shell Donax P	Caltex Penetrating Oil

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ÊTRE VENDU

MODEL T20

199 c.c.

O.H.V.

TRIUMPH
TIGER CUB



ROAD TEST *reprinted from*



23rd, February 1961



TIGER CUB SPORTS MODELS

**REPLACEMENT
PARTS**

CATALOGUE No. I

TIGER CUB
'A' RANGE MODELS
T20SM
T20SH

from Engine No. 101
September 1965

TRIUMPH ENGINEERING COMPANY LIMITED
MERIDEN WORKS · ALLESLEY · COVENTRY · ENGLAND
TELEPHONE MERIDEN 331 TELEGRAMS "TRUSTY, COVENTRY"

HOW TO USE THIS PARTS CATALOGUE

First check that the engine number of your machine is subsequent to that quoted on the title page.

Next consult the indices on Pages 5 and 6 for the parts or group of parts which you wish to locate. When you have located the parts on the illustration check the reference number on the facing page and make sure from the end columns that the part you have located does apply to your machine.

List the quantities required as single units; do not ask for "2 pairs" or "3 dozen".

In case of painted items always state the colour required. Painted parts are available only in the colours or alternatives specified for that model of that particular year.

Colour

Black
Grenadier Red
Alaskan White

Suffix letter to Part No.

W.
GR.
AW

Paint is available also in all colours in $9\frac{3}{4}$ oz. Aerosol cans or 1 gallon tins.

TRIUMPH GUARANTEE

1. In this Guarantee the word "machine" refers to the motor cycle, scooter, motor cycle combination or sidecar as the case may be, purchased by the Purchaser.
2. In order to obtain the benefit of this Guarantee, the Purchaser must have correctly completed the registration form and returned it to us within fourteen days of the purchase.
3. We will supply, free of charge, a new part in exchange for, or, if we consider repair sufficient, will repair free of charge any part proved within six months of the date of purchase of any new machine, (three months overseas) or within three months of its renewal or repair in the case of a part already renewed or repaired, to be defective by reason of our faulty workmanship or materials. We do not undertake to bear the cost of fitting such new or repaired part or accessory.
4. Any part considered to be defective must be sent to our Works, carriage paid, accompanied by the following information:—
 - (a) Name of purchaser and his address;
 - (b) Date of purchase of machine;
 - (c) Name of dealer from whom the purchase was made;
 - (d) Engine number and model.
5. This Guarantee shall not extend to defects or damage appearing after misuse, neglect, abnormal stress or strain, or the incorporation or affixing of unsuitable attachments or parts and in particular:—
 - (a) Hiring out;
 - (b) Racing and Competitions;
 - (c) Adaptation or alteration of any part or parts after leaving our Works;
 - (d) The attaching of a sidecar in a manner not approved by us or to an unsuitable motor cycle.

This Guarantee shall not extend to machines whose trade mark, name or manufacturing number has been altered or removed, or in which has been used any part not supplied or approved by us, or to tyres, saddles, chains, speedometers, revolution counters and electrical equipment or to parts supplied to the order of the Purchaser and different from our standard specification.
6. Our liability and that of our dealer who sells the machine, shall be limited to that set out in this guarantee, and no other claims including claims for consequential damage or injury to person or property, shall be admissible. All other conditions and warranties statutory or otherwise and whether express or implied are hereby excluded and no guarantee other than that expressly herein contained applies to the machine to which this Guarantee relates or any accessory or part thereof.
7. We reserve the right to modify or deviate from the Published Specification without notice.

REPAIRS GUARANTEE

1. Whilst the highest standard of workmanship and materials is aimed at, we cannot accept liability for any defects appearing more than three months after the machine, assembly or component has left our Works after being repaired.
2. We will repair or replace at our option free of charge any defective work, materials or parts relating to the repairs carried out by us appearing within that time but shall not be under any further or other liability for any other loss or damage whether direct or consequential and our liability shall be limited to the cost of so making good. We do not undertake to bear the cost of fitting any replacement or repaired part.
3. We do not accept liability in respect of parts of proprietary manufacture, e.g. tyres, saddles, chains, speedometers, revolution counters and electrical equipment which may be used by us in effecting a repair. All other conditions and warranties statutory or otherwise express or implied are hereby excluded.

TRIUMPH SPARES

HOW TO ORDER. Every part is indicated by number, and this should be quoted together with the description. In order to assist customers, dimensions have been given in many cases where parts are similar. Parts where possible have been listed in order of assembly and a number of the illustrations show the assembly order also. With these aids there should be no difficulty in identifying the parts you require. **Always head your order with the engine number, stamped on the front engine lug, together with the prefix letters.**

WHERE TO OBTAIN. Triumph Spare Parts can only be obtained from an authorised Triumph Dealer, and we recommend our customers to place their orders with the Triumph Dealer in their district. When parts not usually asked for are required, and for which the Dealer may have to write or obtain specially, the postage or carriage incurred becomes payable.

Triumph Spares are not supplied to private owners direct from the factory. A list of authorised dealers who stock Triumph spares is published overleaf. If difficulty is experienced in obtaining the required parts, the matter should be taken up directly with the Triumph Spares Department.

Customers are warned against the risk incurred by purchasing parts that are not of genuine Triumph manufacture. This risk is eliminated if parts are ordered as instructed from recognised Dealers.

PATTERNS AND PARTS FOR REPAIR. It is not necessary to send patterns if the part number is quoted. The sending of patterns often delays the order as parcel post or rail takes longer than letter post.

Parts sent to Coventry for repair, replacement, or as patterns should bear the sender's name and address and clear instructions should accompany the parts. In your own interest send a copy of the advice note under separate cover. All parts must be forwarded carriage paid and care should be taken to ensure that all remittances are sent separately and not enclosed with the parts. Fragile units such as cylinders, etc., should always be boxed to avoid damage in transit. Complete machines should have all fitments such as windscreens, driving mirrors, tools, etc., removed by the sender before despatch, as it is impossible for us to accept responsibility in the event of loss in transit. We are always pleased to give estimates for overhauling and repairs, but should an estimate not be accepted, a charge will be made covering cost of dismantling and re-assembling, if carried out.

Communications relating to Parts should be addressed to the SPARES DEPARTMENT and for repairs, guarantee claims and technical advice to the SERVICE DEPARTMENT, Triumph Engineering Co. Ltd., Meriden Works, Allesley, Coventry. In order to facilitate quick reference, the quoting of any number, invoice number or reference from previous communications is essential. Accessories not of our manufacture should be sent direct to the actual makers, whose names and addresses appear below.

PROPRIETARY GROUP

Ancillary equipment which is fitted to our motor cycles is of the highest quality and is guaranteed by the manufacturers and not by ourselves. Any repairs or claims should be directed to the actual makers or their local agents who will always give owners every possible assistance. The following are the addresses of the various manufacturers:—

CARBURETTORS.

Messrs. Amal Ltd.,
Holdford Road, Witton, Birmingham, 6.

CHAINS.

Renold Chains Ltd.,
Wythenshawe, Manchester.

ELECTRICAL EQUIPMENT.

Messrs. J. Lucas Ltd.,
Gt. Hampton Street, Birmingham, 18.

TYRES.

Dunlop Rubber Co. Ltd.,
Fort Dunlop,
Birmingham, 24.
The Avon India Rubber Co. Ltd.,
Melksham,
Wiltshire.

SPARKING PLUGS.

Champion Sparking Plug Co. Ltd.,
Feltham, Middlesex.

SPEEDOMETERS.

Messrs. Smiths Motor Accessories Ltd.,
Cricklewood Works, London, N.W.2.

SUSPENSION UNITS.

Messrs. Girling Ltd.,
Birmingham Road, West Bromwich, Staffs.

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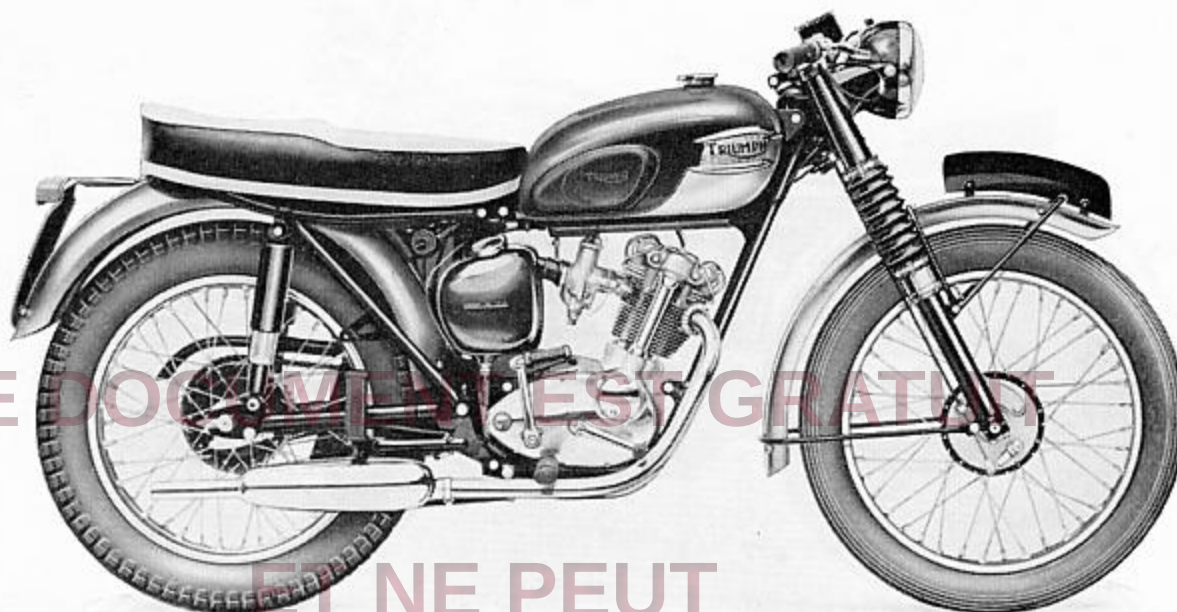
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TIGER CUB (T20SM) TECHNICAL DATA

Bore and Stroke	63 x 64 mm. 2.480 x 2.520 ins.
Capacity	199 c.c. (12 cu. ins.)
Compression Ratio	7 : 1
Sparking Plug	Champion L7
Carburetter	Amal Monobloc
	Choke Size $\frac{15}{16}$ in.
	Main Jet 140
	Needle Jet .105
	Needle Type C
	Throttle Valve $376/2\frac{1}{2}$
	Pilot Jet 15
Gearbox Sprocket	17 teeth
Final Drive Sprocket	54 teeth
Chains	Front $\frac{3}{8}$ in. x $\frac{7}{32}$ in. Duplex x 62 links
	Rear $\frac{3}{8}$ in. x $\frac{3}{16}$ in. x 117 links
Capacities	Fuel Tank $2\frac{5}{8}$ galls. (11.9 litres)
	Oil Tank $2\frac{1}{2}$ pints (1.55 litres)
	Gearbox $\frac{1}{2}$ pint (190 c.c.)
	Primary Chaincase $\frac{1}{2}$ pint (190 c.c.)
	Front Forks (each leg) $\frac{1}{2}$ pint (190 c.c.)
Brakes	Front and Rear Diameter $5\frac{1}{2}$ in. (13.97 cm.)
Tyre Size	Front 3.00 x 19
	Rear 3.50 x 18



TIGER CUB (T20SH) TECHNICAL DATA

Bore and Stroke	63 x 64 mm. 2.480 x 2.520 ins.
Capacity	199 c.c. (12 cu. ins.)
Compression Ratio	9 : 1
Sparking Plug	Champion L7
Carburetter	Amal Monobloc
	Choke Size $\frac{1}{16}$ in.
	Main Jet 140
	Needle Jet 106
	Needle Type C
	Throttle Valve 376/3
	Pilot Jet 20
Gearbox Sprocket	17 teeth
Final Drive Sprocket	48 teeth
Chains	Front $\frac{3}{8}$ in. x $\frac{7}{32}$ in. Duplex x 62 links
	Rear $\frac{1}{2}$ in. x $\frac{3}{16}$ in. x 113 links
Capacities	Fuel Tank 3 galls. (13.5 litres)
	Oil Tank $2\frac{3}{4}$ pints (1.55 litres)
	Gearbox $\frac{1}{2}$ pint (190 c.c.)
	Primary Chaincase $\frac{1}{2}$ pint (190 c.c.)
	Front Forks (each leg) $\frac{1}{2}$ pint (190 c.c.)
Brakes	Front and Rear Diameter $5\frac{1}{2}$ in. (13.97 cm.)
Tyre Size	Front 3.00 x 19
	Rear 3.50 x 18

CARTON PACK LIST

The following sub-assemblies are supplied in carton packs under the C.P. part number stated. The contents of these carton packs are preserved and will not deteriorate under adverse conditions.

Part No.		Contents
Big End Assembly		
C.P. 197	1 E6487	Connecting rod
	1 E5802	Crankpin
Brake Linings		
C.P. 128	2 W978	Brake linings
	14 W979	Rivets
Piston (T20SM)		
C.P. 141	1 E3358	Piston, C.R. 7 : 1
	1 E656	Compression ring (plain)
	1 E3048	Compression ring (taper)
	1 E3387	Oil control ring
	1 E1750	Gudgeon pin
	2 E1767	Circlip
Piston Rings (T20SM)		
C.P. 150	1 E656	Compression ring (plain)
	1 E3048	Compression ring (taper)
	1 E3387	Oil control ring
Piston (T20SH)		
C.P. 172	1 E3958	Piston, C.R. 9 : 1
	1 E3959	Compression ring (plain)
	1 E3960	Compression ring (taper)
	1 E3961	Oil control ring
	1 E1750	Gudgeon pin
	2 E1767	Circlip
Piston Rings (T20SH)		
C.P. 178	1 E3959	Compression ring (plain)
	1 E3960	Compression ring (taper)
	1 E3961	Oil control ring
Valve Guides		
C.P. 122	2 E3208	Valve guide
	2 E3209	Circlip
Valves		
C.P. 186	1 E3963	Inlet valve
	1 E3147	Exhaust valve

CARTON PACK LIST — continued

Part No.

Contents

Valve Springs C.P. 185

2 E5975
2 E3966

Inner valve spring
Outer valve spring

Steering Races C.P. 129

2 H835
2 H833
30 S70-3

Cup
Cone
Steel ball ($\frac{1}{4}$ in. diam.)

Gasket Set

GS T20/59

All models

De-Coke Gasket Set

D/GS 3

All models

ALTERNATIVE SPROCKETS

Gearbox

T1555/13 13 teeth
T1555/14 14 teeth
T1555/15 15 teeth
T1513/16 16 teeth
T1513/17 17 teeth
T1513/18 18 teeth
T1568 19 teeth

Rear Wheel

W1320 46 teeth
W984 48 teeth
W1074 50 teeth
W1075 52 teeth
W1076 54 teeth
W1078 58 teeth

WORKSHOP TOOLS

Z 135	Distributor Gear Extractor
Z 139	Timing Pinion Extractor
D 485	Contact Breaker Extractor
D 486	Contact Breaker Reassembly Pilot
D 400	Clutch Extractor
D 538	Flywheel Tool
D 220	Fork Spanner
D 526	Crankshaft bearing extractor tool
D 527	Fork Spanner (for dust excluder sleeve nuts)

PLEASE NOTE

THROUGHOUT THIS LIST, ASSEMBLIES ARE PRINTED IN CAPITALS AND THE COMPONENTS INCLUDED IN THAT ASSEMBLY ARE INDENTED IN THE DESCRIPTION COLUMN, REVERTING TO THE ORIGINAL ALIGNMENT WHEN THE ASSEMBLY IS COMPLETE. TO ORDER THE COMPLETE ASSEMBLY IT IS NECESSARY ONLY TO QUOTE THE ASSEMBLY NUMBER. ANY COMPONENT PARTS LISTED MAY ALSO BE OBTAINED SEPARATELY, IF REQUIRED.

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SPECIAL WORKSHOP TOOLS

A COMPLETE LIST OF WORKSHOP TOOLS CAN BE MADE AVAILABLE BY EITHER CONTACTING YOUR DEALER OR APPLYING DIRECT TO THE TRIUMPH SERVICE DEPARTMENT. IN MOST CASES THESE TOOLS ARE VERY COSTLY AS THEY ARE MADE ENTIRELY FOR WORKSHOP USE, AND THEREFORE, IT IS NOT RECOMMENDED THAT THE PRIVATE OWNER PURCHASE THE TOOLS IN ORDER TO AID SERVICING THE MACHINE ONCE OR TWICE ONLY. IN THESE CIRCUMSTANCES IT IS FAR MORE ECONOMICAL TO GET IN TOUCH WITH A RECOGNISED DEALER.

CRANKSHAFT ASSY. REF. N° 1

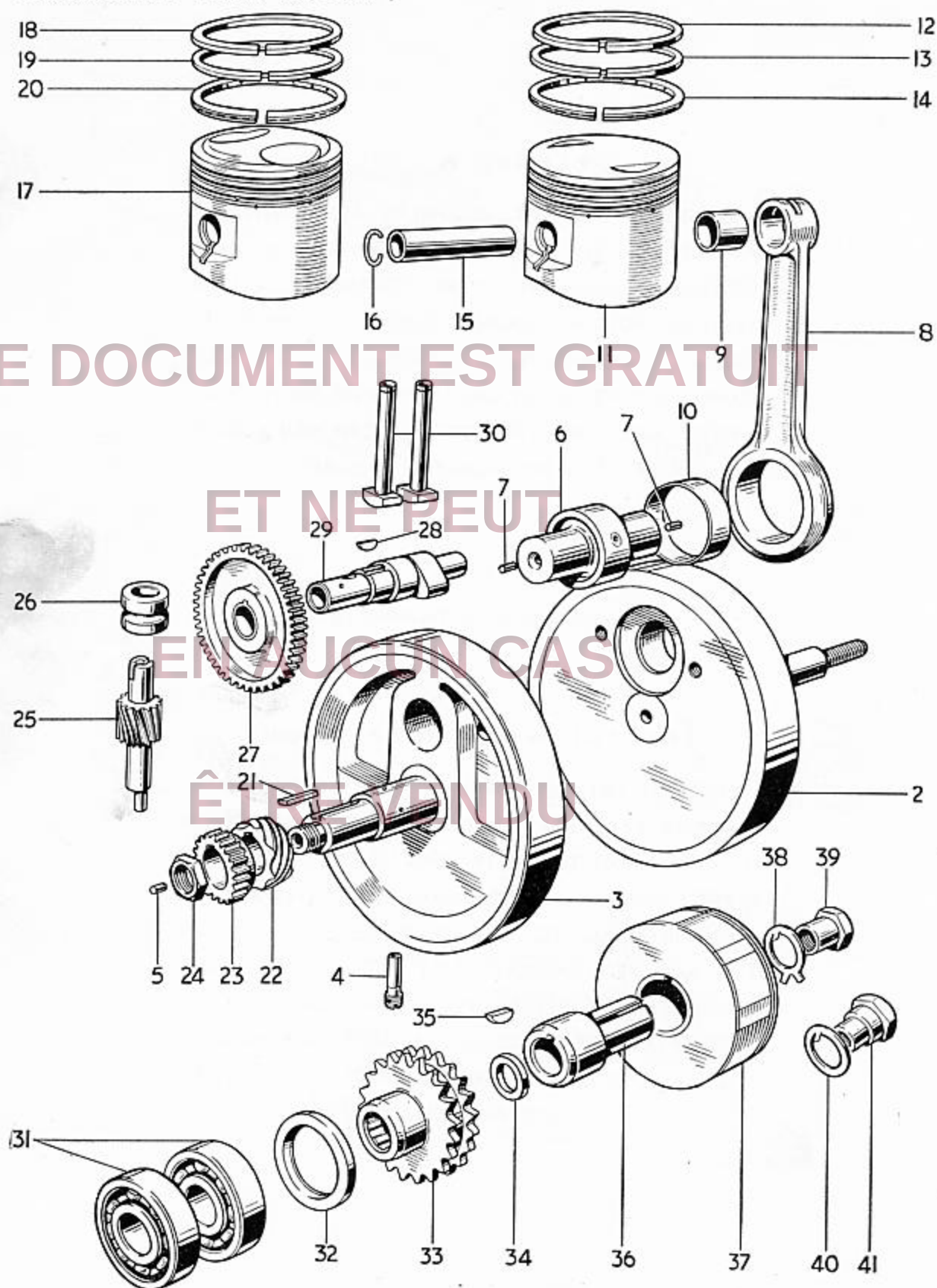


Fig. 1. CRANKSHAFT, PISTON AND TIMING GEARS

CRANKSHAFT, PISTON AND TIMING GEARS

											T20SM	T20SH
1	E6489	CRANKSHAFT ASSEMBLY	...	...	...	...	...	...	...	...	1	1
2	E4436	Left flywheel ...	...	...	...	...	...	...	...	...	1	1
3	E5893	RIGHT FLYWHEEL	...	...	...	...	...	...	...	...	1	1
4	E5806	Screwed plug	...	...	...	...	...	...	...	...	1	1
5	E3902	Oilway plug	...	...	...	...	...	...	...	...	1	1
6	E5802	CRANKPIN	...	...	...	...	...	...	...	...	1	1
7	E3292	Oilway plug	...	...	...	...	...	...	...	...	2	2
8	E6487	Connecting rod	...	...	...	...	...	...	...	...	1	1
9	E1762	Small end bush	...	...	...	...	...	...	...	...	1	1
10	E6488	Big end bush (Export only)	...	...	...	...	...	...	...	...	1	1
11	CP141	PISTON COMPLETE, C.R. 7:1	...	...	...	...	...	...	...	...	1	-
12	E656	Compression ring	...	...	...	...	...	...	...	...	1	-
13	E3048	Taper compression ring	...	...	...	...	...	...	...	...	1	-
14	E3387	Oil control ring	...	...	...	...	...	...	...	...	1	-
15	E1750	Gudgeon pin	...	...	...	...	...	...	...	...	1	-
16	E1767	Circlip	...	...	...	...	...	...	...	...	2	-
17	CP172	PISTON COMPLETE, C.R. 9:1	...	...	...	...	...	...	...	...	-	1
18	E3959	Compression ring	...	...	...	...	...	...	...	...	-	1
19	E3960	Taper compression ring	...	...	...	...	...	...	...	...	-	1
20	E3961	Oil control ring...	...	...	...	...	...	...	...	...	-	1
15	E1750	Gudgeon pin	...	...	...	...	...	...	...	...	-	1
16	E1767	Circlip	...	...	...	...	...	...	...	...	-	2
21	E4453	Key	...	...	...	...	...	...	...	...	1	1
22	E5260	Distributor drive gear	...	...	...	...	...	...	...	...	1	1
23	E4451	Timing pinion	...	...	...	...	...	...	...	...	1	1
24	F2725	Nut	...	...	...	...	...	...	...	...	1	1
25	E5913	Oil pump drive shaft	...	...	...	...	...	...	...	...	1	1
26	E4693	Oil pump shaft bush...	...	...	...	...	...	...	...	...	1	1
27	E3185	Camshaft pinion	...	...	...	...	...	...	...	...	1	1
28	E3184	Camshaft key	...	...	...	...	...	...	...	...	1	1
29	E6608	Camshaft	...	...	...	...	...	...	...	...	1	1
30	E3285	Tappet...	...	...	...	...	...	...	...	...	2	2
31	E3152	Main bearing	...	...	...	...	...	...	...	...	2	2
32	E3379	Oil seal	...	...	...	...	...	...	...	...	1	1
33	E3912	Engine sprocket (19 teeth Duplex)	...	...	...	...	...	...	...	...	1	1
34	E4458	Spacing washer	...	...	...	...	...	...	...	...	-	1
35	E4455	Key	...	...	...	...	...	...	...	...	1	1
36	E4454	Adaptor sleeve	...	...	...	...	...	...	...	...	1	1
37	54213903	Rotor, RM18	...	...	...	...	...	...	...	...	-	1
37	54213901	Rotor, RM19	...	...	...	...	...	...	...	...	1	-
38	E4058	Tab washer	...	...	...	...	...	...	...	...	-	1
39	E3971	Nut	...	...	...	...	...	...	...	...	-	1
40	E3975	Tab washer	...	...	...	...	...	...	...	...	1	-
41	E4503	Nut	...	...	...	...	...	...	...	...	1	-

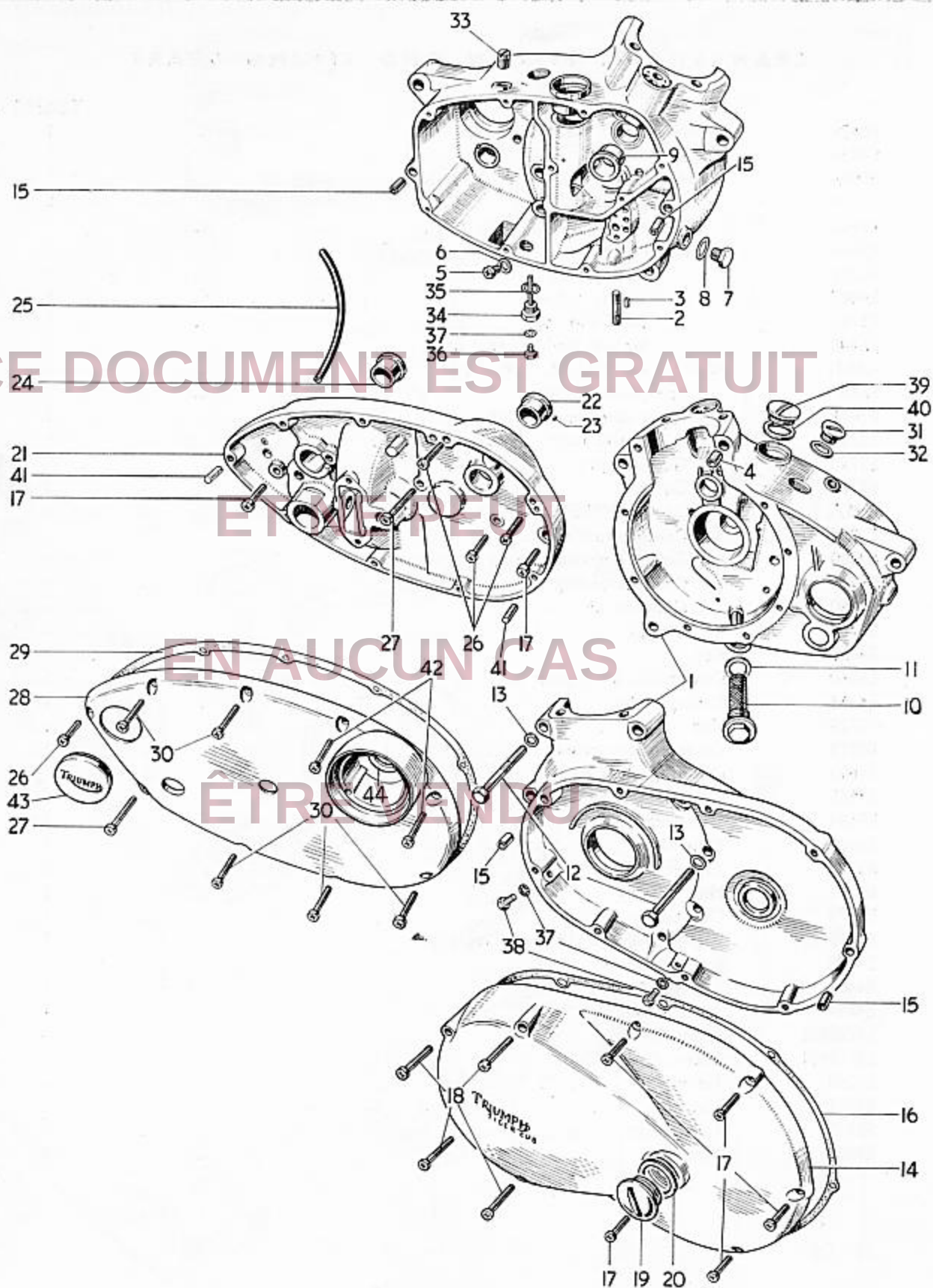


Fig. 2. CRANKCASE

CRANKCASE

			T20SM	T20SH
1	E4087/5908	CRANKCASE	1	1
2	E3171	Oil junction block stud	1	1
3	E3169	Oil junction block dowel	1	1
4	E4121	Hollow dowel	1	1
5	T1553	Screw plug ($\frac{3}{8}$ in. U.H.)	1	1
6	E2441	Copper washer	1	1
7	E2615	Screw plug	1	1
8	E1335	Copper washer	1	1
9	E3175	Camshaft bush	1	1
10	E5456	Crankshaft filter	1	1
11	E2570	Fibre washer	1	1
12	E4098	Bolt ($1\frac{1}{8}$ in. U.H.)	9	9
13	S25-3	Plain washer	9	9
14	E4089	Left outer cover	1	1
15	T989	Hollow dowel	4	4
16	E4871	Joint washer	1	1
17	E3204	Screw (1 in. U.H.)	7	7
18	E4096	Screw ($2\frac{3}{8}$ in. U.H.)	4	4
19	E732	Filler plug	1	1
20	NE507	Fibre washer	1	1
21	E4787	RIGHT INNER COVER	1	1
22	E4666	Camshaft bush	1	1
23	E3172	Peg	1	1
24	T1147	Mainshaft bush	1	1
25	F3775	Breather pipe	1	1
26	E3220	Screw ($1\frac{1}{2}$ in. U.H.)	4	4
27	E3221	Screw ($1\frac{1}{8}$ in. U.H.)	2	2
28	E4637	Right outer cover	1	1
29	E4872	Joint washer	1	1
30	E3231	Screw ($1\frac{1}{8}$ in. U.H.)	7	7
31	T1599	Filler plug	1	1
32	E1465	Fibre washer	1	1
33	E4048	Blanking plug	1	1
34	T1112	Drain plug (with level tube)	1	1
35	T1257	Fibre washer	1	1
36	T361	Level plug	1	1
37	WE170	Fibre washer	3	3
38	D557	Screwed plug	2	2
39	E4587	Blanking plug	1	1
40	E4593	Fibre washer	1	1
41	E4172	Hollow dowel	2	2
42	E4638	Outer cover screw ($\frac{5}{8}$ in. U.H.)	2	2
43	H1466	Clutch cable access grommet	1	1
44	E4568	Oil seal	1	1

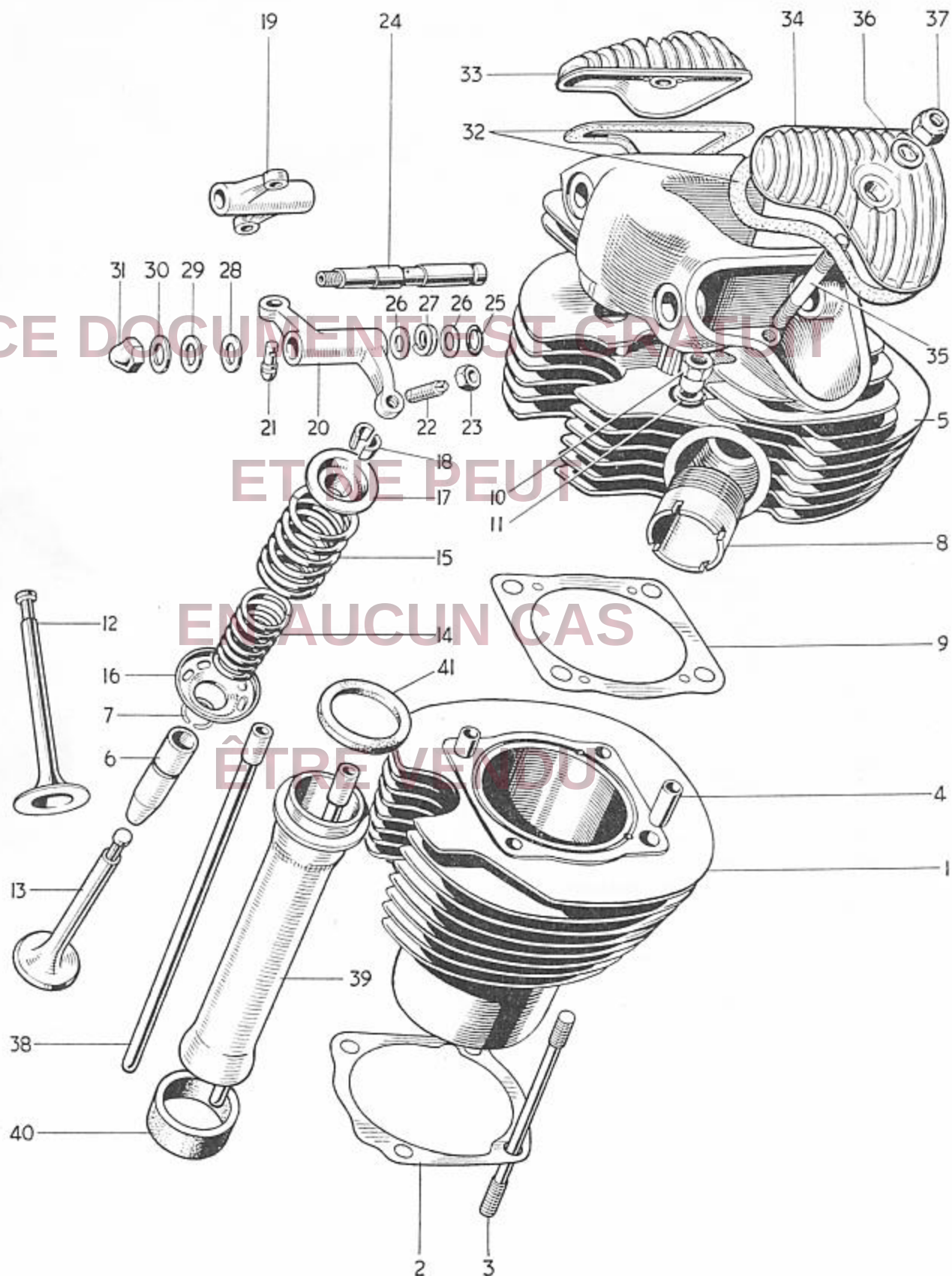
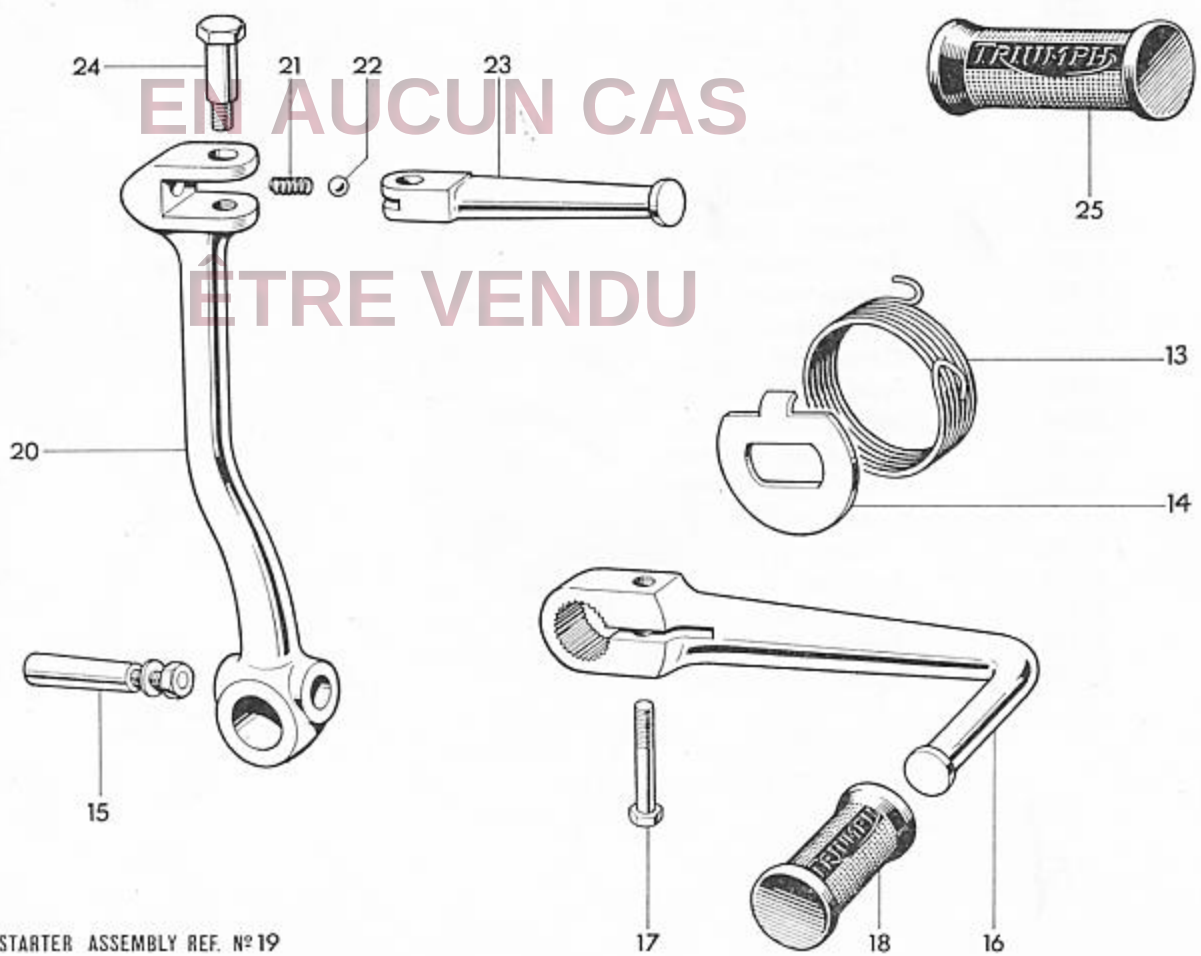
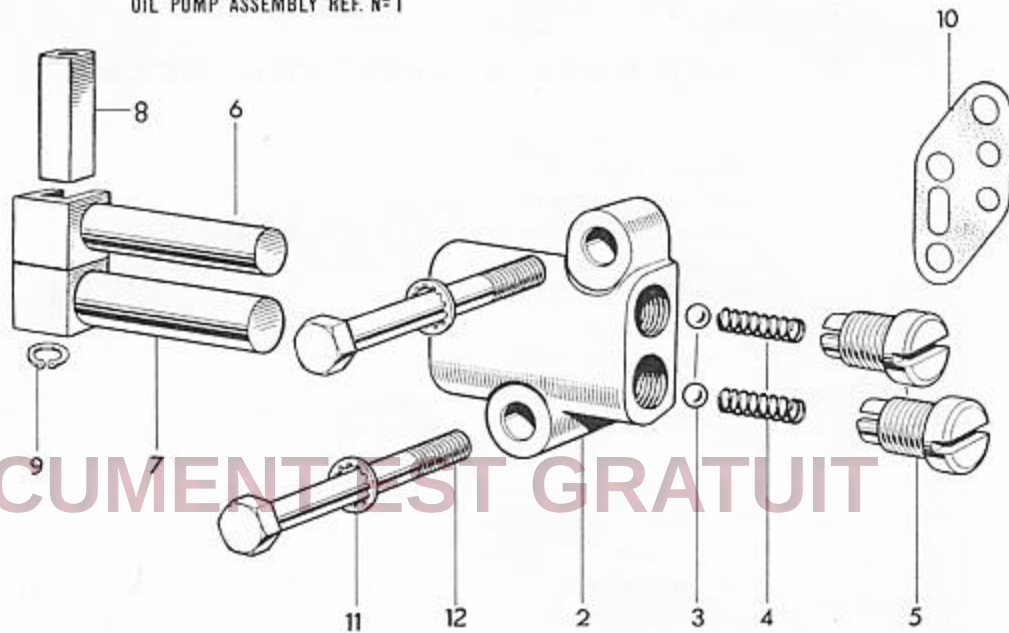


Fig. 3. CYLINDER BARREL AND HEAD

CYLINDER BARREL AND HEAD

											T20SM	T20SH
1	E6094	Cylinder Barrel	...	...	...	...	...	...	...	...	1	1
2	E4037	Cylinder base washer	...	...	...	...	...	...	...	...	1	1
3	E3170	Crankcase to cylinder head stud (4 $\frac{1}{2}$ in. O.A.)	...	...	...	...	...	...	...	...	4	4
4	E3386	Cylinder head dowel	...	...	...	...	...	...	...	...	2	2
5	E6093A	CYLINDER HEAD C/W GUIDES	...	...	...	...	...	...	...	...	1	1
6	E3208	Valve guide	...	...	...	...	...	...	...	...	2	2
7	E3209	Valve guide circlip	...	...	...	...	...	...	...	...	2	2
8	E3207	Exhaust pipe adaptor	...	...	...	...	...	...	...	...	1	1
9	E3217	Cylinder head gasket	...	...	...	...	...	...	...	...	1	1
10	E5897	Nut	...	...	...	...	...	...	...	...	4	4
11	E3446	Plain washer	...	...	...	...	...	...	...	...	4	4
12	E3963	Inlet valve	...	...	...	...	...	...	...	...	1	1
13	E3147	Exhaust valve...	...	...	...	...	...	...	...	...	1	1
14	E5975	Inner valve spring	...	...	...	...	...	...	...	...	2	2
15	E3966	Outer valve spring (red)	...	...	...	...	...	...	...	...	2	2
16	E5974	Bottom cup	...	...	...	...	...	...	...	...	2	2
17	E3301	Top collar	...	...	...	...	...	...	...	...	2	2
18	WE259A	Split cotter	...	...	...	...	...	...	...	...	4	4
19	E3251	INLET ROCKER	...	...	...	...	...	...	...	...	1	1
20	E3252	EXHAUST ROCKER	...	...	...	...	...	...	...	...	1	1
21	E3222	Rocker ball pin	...	...	...	...	...	...	...	...	2	2
22	E3223	Adjuster pin	...	...	...	...	...	...	...	...	2	2
23	GS662	Nut	...	...	...	...	...	...	...	...	2	2
24	E3225	Rocker spindle	...	...	...	...	...	...	...	...	2	2
25	E3253	Sealing ring	...	...	...	...	...	...	...	...	2	2
26	E2534	Thrust washer $\frac{7}{16}$ in.	...	...	...	...	...	...	...	...	4	4
27	E3224	Thackeray washer	...	...	...	...	...	...	...	...	2	2
28	E2594	Thrust washer $\frac{3}{8}$ in.	...	...	...	...	...	...	...	...	2	2
29	E1335	Copper washer $\frac{3}{8}$ in.	...	...	...	...	...	...	...	...	2	2
30	E3249	Copper washer $\frac{5}{16}$ in.	...	...	...	...	...	...	...	...	2	2
31	H400	Domed nut	...	...	...	...	...	...	...	...	2	2
32	E3226	Joint washer	...	...	...	...	...	...	...	...	2	2
33	E4648	Inlet rocker cover	...	...	...	...	...	...	...	...	1	1
34	E4649	Exhaust rocker cover	...	...	...	...	...	...	...	...	1	1
35	E3210	Stud (2 $\frac{5}{8}$ in. O.A.)	...	...	...	...	...	...	...	...	2	2
36	E2441	Copper washer	...	...	...	...	...	...	...	...	2	2
37	E3290	Self-locking nut	...	...	...	...	...	...	...	...	2	2
38	E3372	Push rod	...	...	...	...	...	...	...	...	2	2
39	E3537	Cover tube	...	...	...	...	...	...	...	...	1	1
40	E3391	Lower joint washer	...	...	...	...	...	...	...	...	1	1
41	E3540	Upper joint washer	...	...	...	...	...	...	...	...	1	1

OIL PUMP ASSEMBLY REF. N°1



KICKSTARTER ASSEMBLY REF. N°19

Fig. 4. OIL PUMP AND CONTROL PEDALS

OIL PUMP AND CONTROL PEDALS

			T20SM	T20SH
1	E6486	OIL PUMP ASSEMBLY	1	1
2	E5909	Pump body	1	1
3	S70-4	Steel ball ($\frac{3}{16}$ in. diam.)	2	2
4	E4404	Spring	2	2
5	E4212	Plug	2	2
6	E5910	Feed plunger	2	2
7	E5911	Scavenge plunger	1	1
8	E5912	Drive block	1	1
9	E6474	Circlip... ..	1	1
10	E3188	Joint washer	1	1
11	GS299	Serrated washer	2	2
12	E3197	Bolt ($\frac{1}{2}$ in. U.H.)	2	2
13	T1162	Kickstarter return spring	1	1
14	T1163	Return spring plate	1	1
15	T1222	Cotter pin c/w nut and washer	1	1
16	T1164	Gearchange pedal	1	1
17	F1369	Bolt ($\frac{5}{8}$ in. U.H.)	1	1
18	T449	Pedal rubber	1	1
19	T1679	KICKSTARTER ASSEMBLY	1	1
20	T1680	Crank	1	1
21	T1167	Spring	1	1
22	S70-3	Steel ball ($\frac{1}{4}$ in. diam.)	1	1
23	T2070	Pedal	1	1
24	T1169	Pivot bolt	1	1
25	F1814	Pedal rubber	1	1

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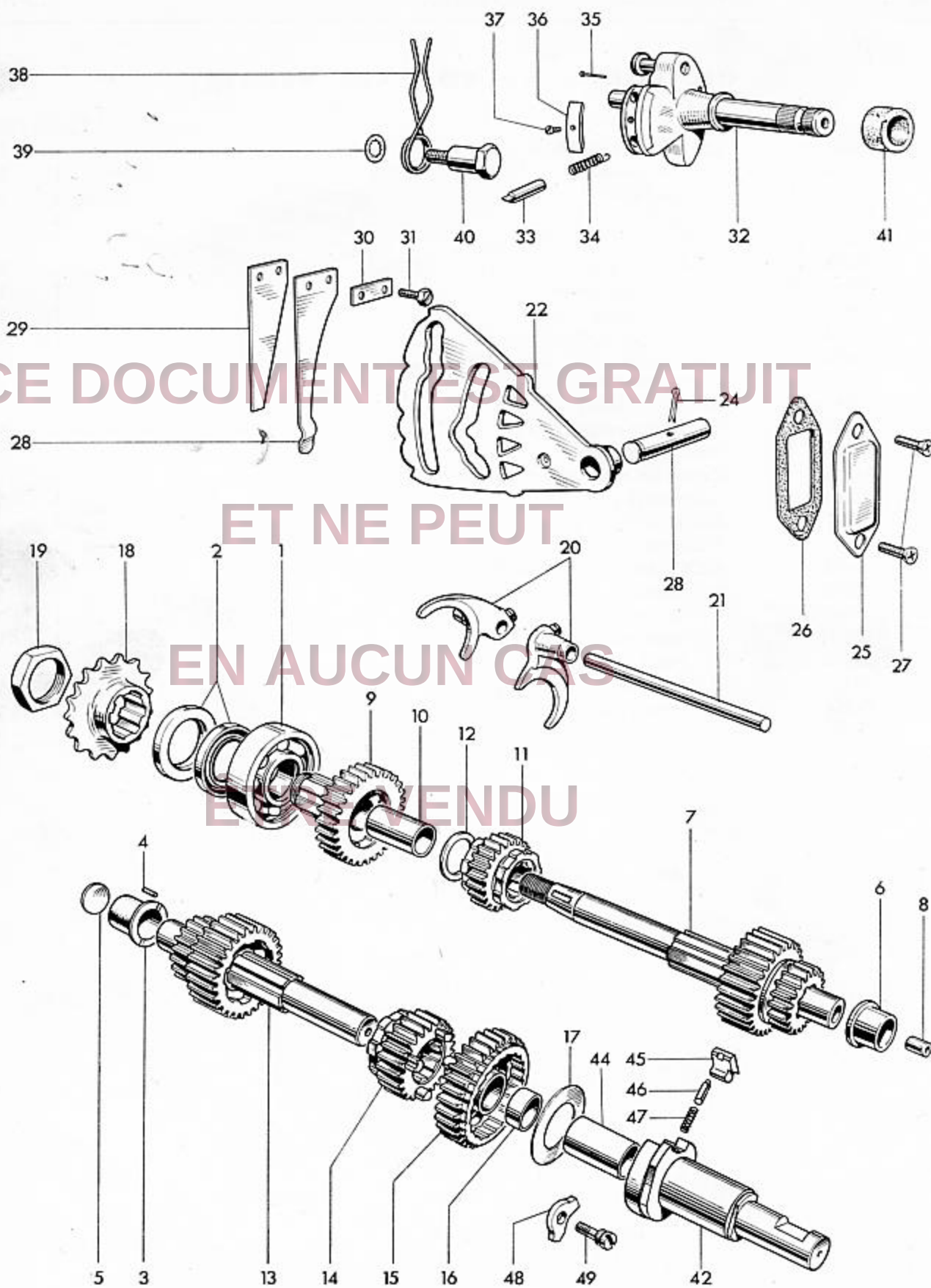


Fig. 5. GEARBOX SHAFTS AND GEARS

GEARBOX SHAFTS AND GEARS

			T20SM	T20SH
1	T1070	High gear bearing ...	1	1
2	H1168	Oil seal ...	2	2
3	T1073	Layshaft bearing bush ...	1	1
4	E3172	Peg ...	1	1
5	T1269	Blanking disc ...	1	1
6	T1147	Mainshaft bush ...	1	1
7	T1588	MAINSHAFT CLUSTER ...	1	1
8	T1085	Clutch rod bush ...	1	1
9	T1596	HIGH GEAR (29T) W.R. ...	1	-
9	T1565	HIGH GEAR (27T) C.R. ...	-	1
10	T1515	High gear bush ...	1	1
11	T1089	Mainshaft second gear ...	1	1
12	T1090	Mainshaft thrust ring ...	1	1
13	T1728	Layshaft cluster (16T) W.R. ...	1	-
13	T1594	Layshaft cluster (18T) C.R. ...	-	1
14	T1094	Layshaft third gear ...	1	1
15	T1095	LAYSHAFT LOW GEAR ...	1	1
16	T1097	Low gear bush ...	1	1
17	T1274	Pawl retaining disc ...	1	1
18	T1513/17	Gearbox sprocket (17 teeth) ...	1	1
19	T1082	Sprocket nut ...	1	1
20	T1098	Selector fork ...	2	2
21	T1102	Selector fork spindle ...	1	1
22	T1066	Camplate ...	1	1
23	T1069	Camplate spindle ...	1	1
24	$\frac{3}{32}$ in. x $\frac{3}{4}$ in.	Split pin ...	1	1
25	T1149	Cover plate ...	1	1
26	T1148	Joint washer ...	1	1
27	T1150	Screw (0-41 in. U.H.) ...	2	2
28	T1248	Index spring ...	1	1
29	T1249	Supplementary index spring ...	1	1
30	T1180	Lockplate ...	1	1
31	T1076	Screw ($\frac{3}{8}$ in. U.H.) ...	2	2
32	T2104	GEARCHANGE QUADRANT ...	1	1
33	T2105	Plunger ...	2	2
34	T2106	Spring ...	2	2
35	T1277	Peg ...	2	2
36	T2107	Keeper plate ...	1	1
37	T1676	Screw ...	1	1
38	T1109	Return spring ...	1	1
39	E2287	Serrated washer ...	1	1
40	T1077	Bolt ...	1	1
41	T1181	Felt washer ...	1	1

(continued on page 23)

For alternative sprockets see Page 10

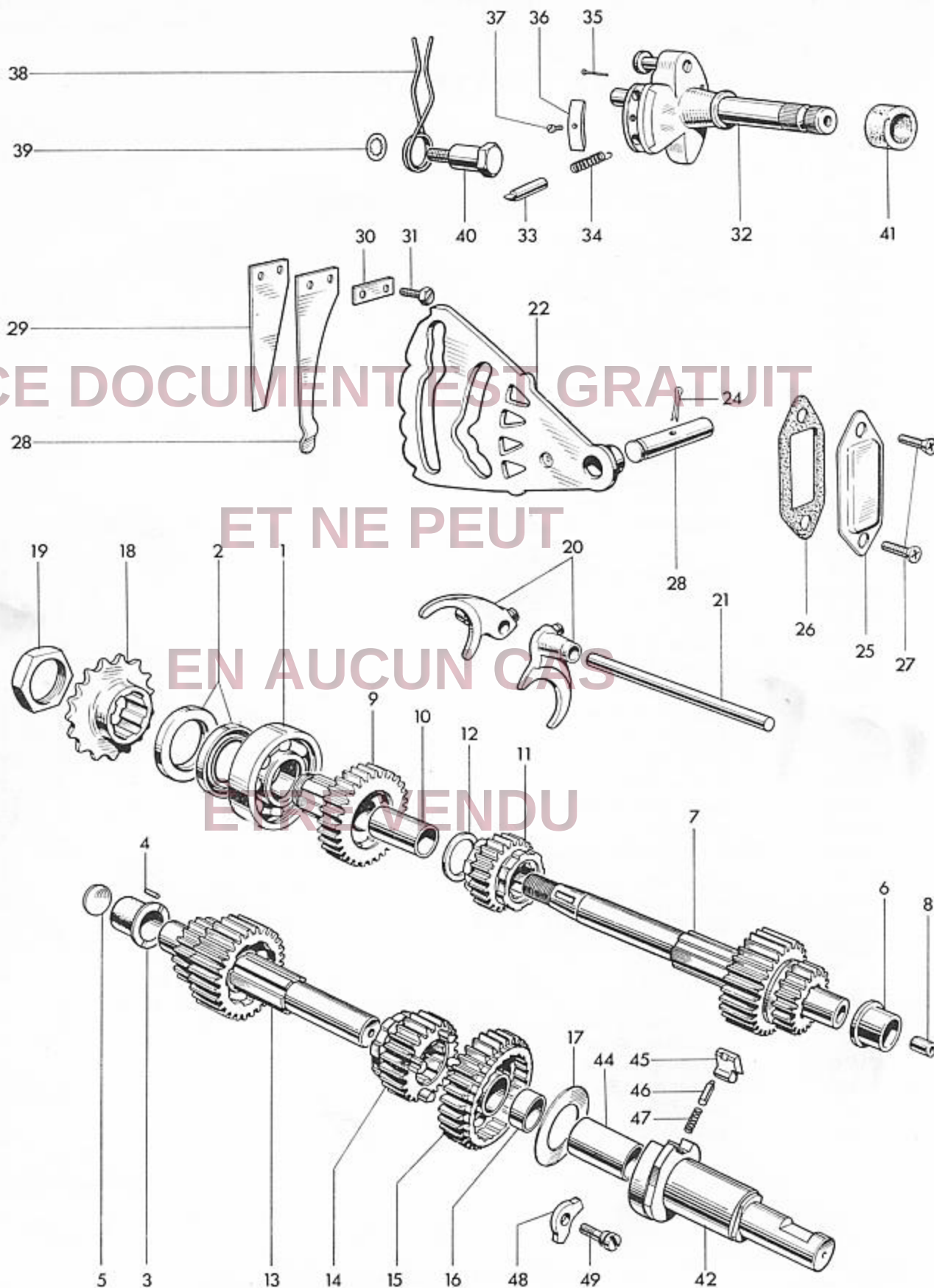


Fig. 5. GEARBOX SHAFTS AND GEARS

GEARBOX SHAFTS AND GEARS—(continued)

											T20SM	T20SH
42	T1279	KICKSTARTER SPINDLE	...	...	...	...	...	...	...	...	1	1
44	T1118	Bush	...	...	...	...	...	...	...	...	1	1
45	T1281	Pawl	...	...	...	...	...	...	...	...	1	1
46	T1282	Plunger	...	...	...	...	...	...	...	...	1	1
47	T1161	Spring	...	...	...	...	...	...	...	...	1	1
48	T1157	Stop plate	...	...	...	...	...	...	...	...	1	1
49	T1158	Screw	...	...	...	...	...	...	...	...	1	1

EXTRA CLOSE RATIO GEARS

7	T1819	Mainshaft cluster (E.C.R.)	Extra close ratio gear set.
9	T1652	Mainshaft high gear (E.C.R.)	
11	T1089	Mainshaft second gear (Std.)	
13	T1657	Layshaft cluster (E.C.R.)	
14	T1659	Layshaft third gear (E.C.R.)	
15	T1095	Layshaft low gear (Std.)	

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OPERATING LEVER ASSEMBLY REF. N° 1
CLUTCH COMPLETE REF. N° 13

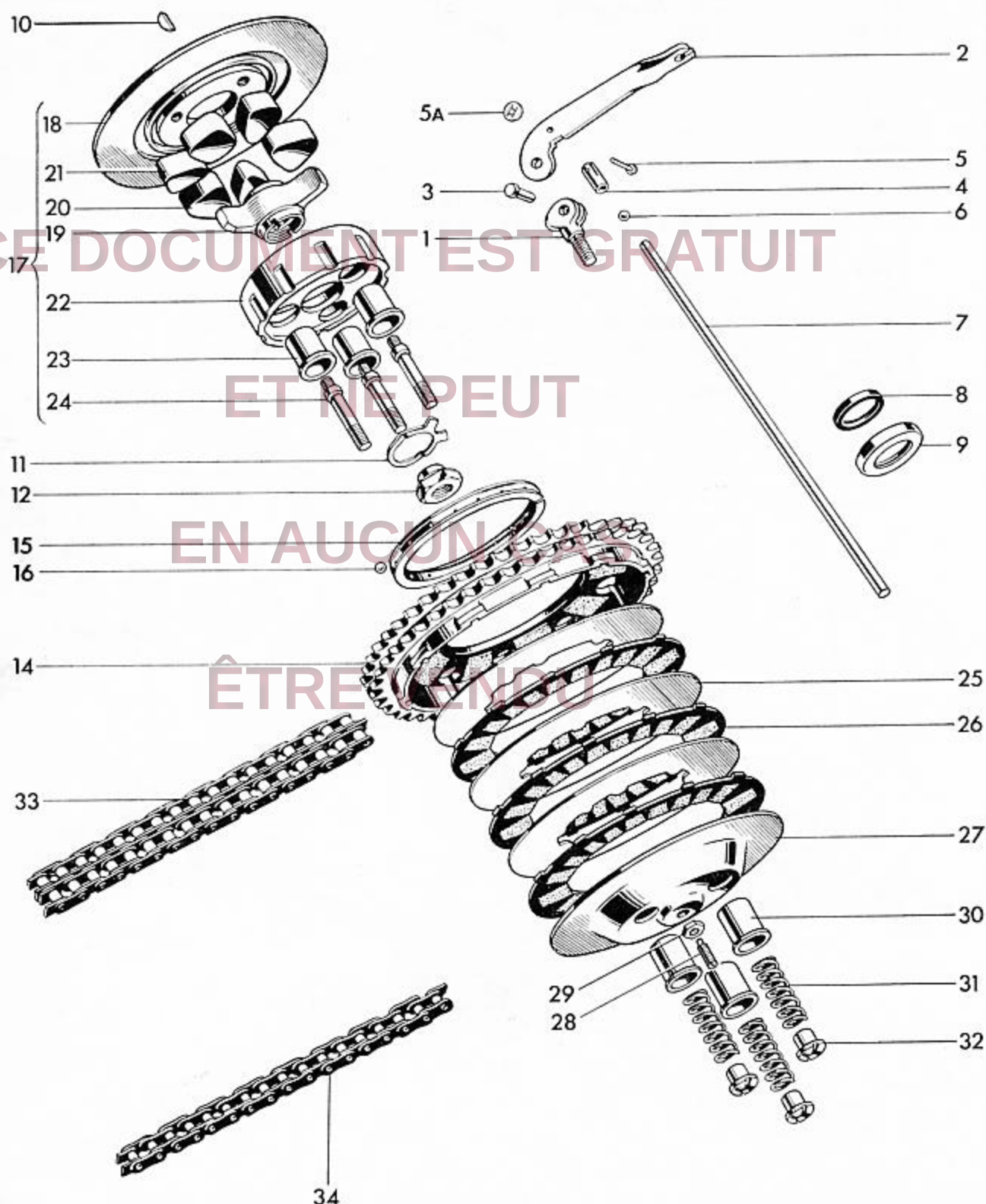


Fig. 6. CLUTCH AND CHAINS

CLUTCH AND CHAINS

										T20SM T20SH	
1	T2065	CLUTCH OPERATING LEVER ASSEMBLY	...	...	...	...	...	...	...	1	1
2	T2066	Lever	...	...	...	...	...	...	...	1	1
3	T1236	Pin	...	...	...	...	...	...	...	1	1
4	T2067	Cup	...	...	...	...	...	...	...	1	1
5	T2068	Split	...	...	...	...	...	...	...	1	1
5A	T2069	Push fix	...	...	...	...	...	...	...	1	1
6	T1124	Steel ball ($\frac{5}{32}$ in. diam.)	...	...	...	...	...	...	...	1	1
7	T1140	Clutch operating rod	...	...	...	...	...	...	...	1	1
8	E3932	Mainshaft oil seal	...	...	...	...	...	...	...	1	1
9	E3933	Oil seal retainer	...	...	...	...	...	...	...	1	1
10	T1119	Key	...	...	...	...	...	...	...	1	1
11	T1347	Tab washer	...	...	...	...	...	...	...	1	1
12	T1348	Nut	...	...	...	...	...	...	...	1	1
13	T1924	CLUTCH COMPLETE	...	...	...	...	...	...	...	1	1
14	T1509	Sprocket and housing (48 teeth)	...	...	...	...	...	...	...	1	1
15	T1264	Bearing ring	...	...	...	...	...	...	...	1	1
16	T1124	Steel ball ($\frac{5}{32}$ in. diam.)	...	...	...	...	...	...	...	16	16
17	T1667	SHOCK ABSORBER	...	...	...	...	...	...	...	1	1
18	T1668	Back plate	...	...	...	...	...	...	...	1	1
19	T1346	Spider	...	...	...	...	...	...	...	1	1
20	T1132	Drive rubber (large)	...	...	...	...	...	...	...	3	3
21	T1318	Rebound rubber (small)	...	...	...	...	...	...	...	3	3
22	T1314	Centre	...	...	...	...	...	...	...	1	1
23	T1669	Cup	...	...	...	...	...	...	...	3	3
24	T1670	Pin	...	...	...	...	...	...	...	3	3
25	T1315	Driven plate	...	...	...	...	...	...	...	3	3
26	T1503	Driving plate c/w linings	...	...	...	...	...	...	...	3	3
27	T1925	Pressure plate	...	...	...	...	...	...	...	1	1
28	T2064	Adjuster	...	...	...	...	...	...	...	1	1
29	GS662	Nut	...	...	...	...	...	...	...	1	1
30	T1927	Cup	...	...	...	...	...	...	...	3	3
31	T1742	Spring	...	...	...	...	...	...	...	3	3
32	T1146	Nut	...	...	...	...	...	...	...	3	3
33	D382	Primary chain ($\frac{3}{8}$ in. Duplex x 62 links)	...	...	...	...	...	...	...	1	1
34	D554	Rear chain ($\frac{1}{2}$ in. x $\frac{3}{16}$ in. x 117 links)	...	...	...	...	...	...	...	1	-
34	D430	Rear chain ($\frac{1}{2}$ in. x $\frac{3}{16}$ in. x 113 links)	...	...	...	...	...	...	...	-	1

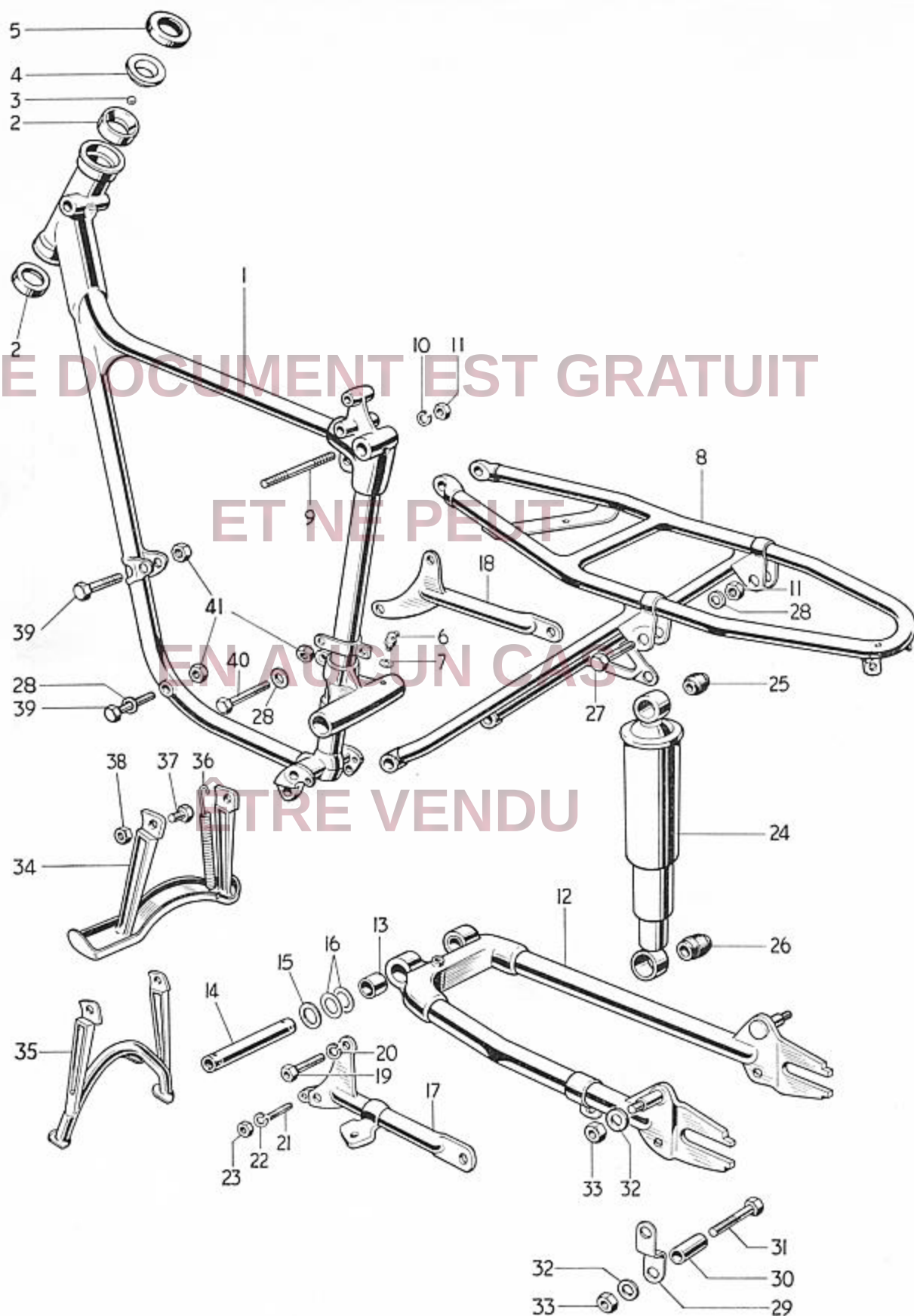


Fig. 7. FRAME COMPLETE

FRAME COMPLETE

												T20SM	T20SH
1	F4594	Front Frame ...	...	...	...	...	...	...	...	...	...	-	1
1	F5191	Front frame ...	...	...	...	...	...	...	...	...	...	1	-
2	H835	Steering race cup ...	...	...	...	...	...	...	...	...	...	2	2
3	S70-3	Steel ball ($\frac{1}{2}$ in. diam.)	...	...	...	...	...	...	...	...	...	30	30
4	H833	Top cone ...	...	...	...	...	...	...	...	...	...	1	1
5	H836	Dust cover ...	...	...	...	...	...	...	...	...	...	1	1
6	NW100	Grease nipple ...	...	...	...	...	...	...	...	...	...	1	1
7	WE170	Fibre washer ...	...	...	...	...	...	...	...	...	...	1	1
8	F5164	Rear frame ...	...	...	...	...	...	...	...	...	...	1	1
9	E1023	Stud ($3\frac{5}{8}$ in. O.A.)	...	...	...	...	...	...	...	...	...	1	1
10	S26-1	Spring washer ...	...	...	...	...	...	...	...	...	...	2	2
11	P0172A	Nut ...	...	...	...	...	...	...	...	...	...	4	4
12	F6192	SWINGING FORK	...	...	...	...	...	...	...	...	...	1	1
13	F4076	Pivot bush ...	...	...	...	...	...	...	...	...	...	2	2
14	F4079	Spindle ...	...	...	...	...	...	...	...	...	...	1	1
15	F4078	Spacing washer ...	...	...	...	...	...	...	...	...	...	1	1
16	F4385	Shim, 0-003 in.	...	...	...	...	...	...	...	...	...	as required	
16	F4386	Shim, 0-005 in.	...	...	...	...	...	...	...	...	...	as required	
17	F4278	Left bracket ...	...	...	...	...	...	...	...	...	...	1	1
18	F4081	Right bracket ...	...	...	...	...	...	...	...	...	...	1	1
19	F4087	Bolt ($1\frac{1}{2}$ in. U.H.)	...	...	...	...	...	...	...	...	...	2	2
20	PCW73A	Spring washer ...	...	...	...	...	...	...	...	...	...	2	2
21	E1396	Stud ($1\frac{1}{8}$ in. O.A.)	...	...	...	...	...	...	...	...	...	2	2
22	S26-3	Spring washer ...	...	...	...	...	...	...	...	...	...	2	2
23	S1-51	Nut ...	...	...	...	...	...	...	...	...	...	2	2
24	SC3/204	SUSPENSION UNIT	...	...	...	...	...	...	...	...	...	-	2
24	64054441	SUSPENSION UNIT	...	...	...	...	...	...	...	...	...	2	-
25	9054/316A	Bonded bush ...	...	...	...	...	...	...	...	...	...	2	2
26	9054/316J	Bonded bush ...	...	...	...	...	...	...	...	...	...	2	2
27	F1760	Bolt ($1\frac{1}{8}$ in. U.H.)	...	...	...	...	...	...	...	...	...	-	2
27	E2113	Bolt ($1\frac{5}{8}$ in. U.H.)	...	...	...	...	...	...	...	...	...	2	-
28	S25-2	Washer ...	...	...	...	...	...	...	...	...	...	4	4
29	F4311	Bracket ...	...	...	...	...	...	...	...	...	...	2	2
30	F3207	Spacer ...	...	...	...	...	...	...	...	...	...	2	2
31	H622	Bolt ($1\frac{1}{2}$ in. U.H.)	...	...	...	...	...	...	...	...	...	2	2
32	E1330C	Plain washer ...	...	...	...	...	...	...	...	...	...	4	4
33	S1-52	Nut ...	...	...	...	...	...	...	...	...	...	4	4
35	F5041	Centre stand ...	...	...	...	...	...	...	...	...	...	1	1
36	F2610	Return spring ...	...	...	...	...	...	...	...	...	...	1	1
37	F3520	Pivot bolt ...	...	...	...	...	...	...	...	...	...	2	2
38	H193	Nut ...	...	...	...	...	...	...	...	...	...	2	2
39	F1245	Bolt ($1\frac{5}{8}$ in. U.H.)	...	...	...	...	...	...	...	...	...	2	2
40	F3191	Bolt ($2\frac{1}{8}$ in. U.H.)	...	...	...	...	...	...	...	...	...	1	1
41	F3955	Self-locking nut ...	...	...	...	...	...	...	...	...	...	3	3

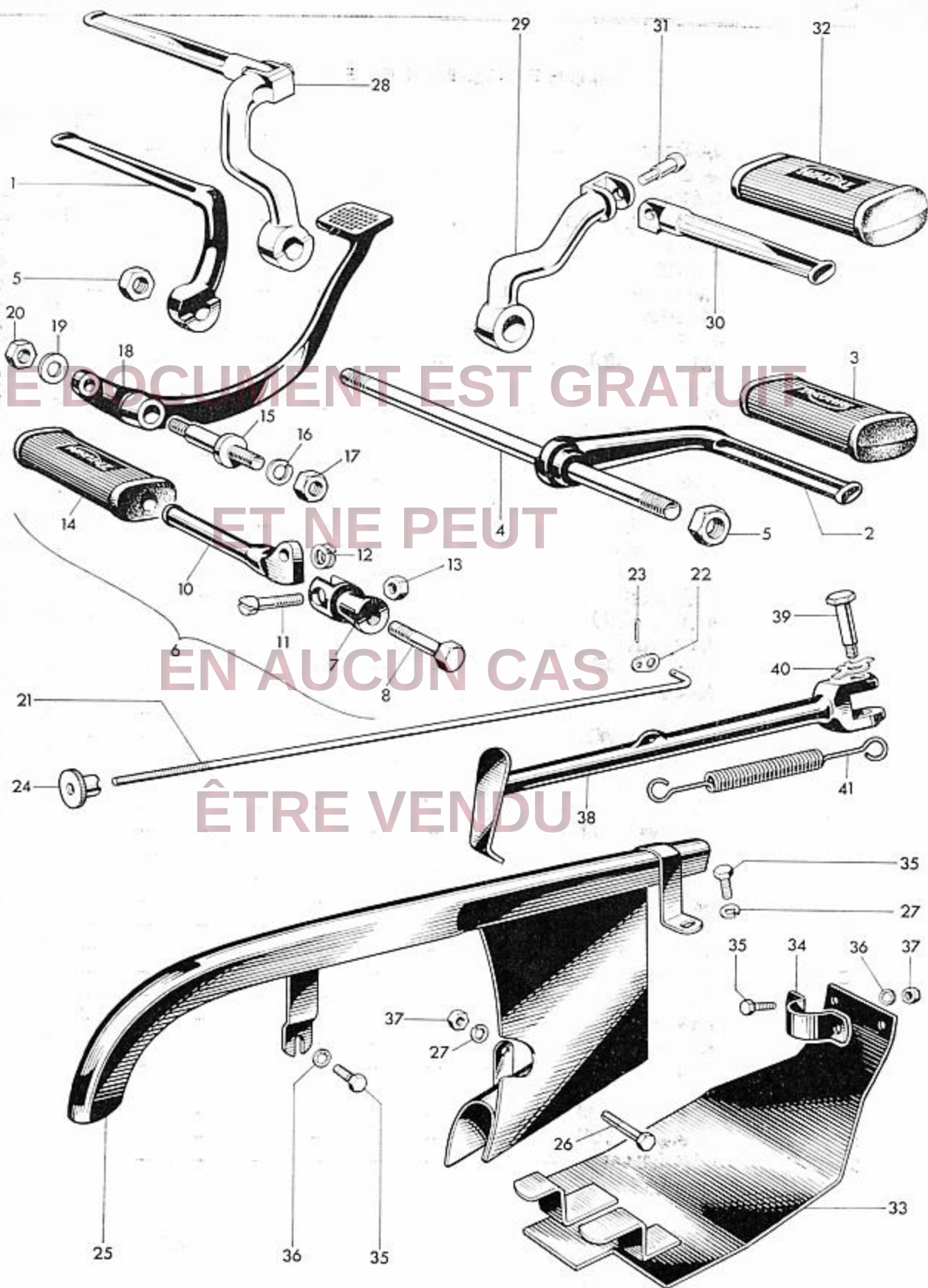


Fig. 8. FOOTRESTS, CHAINGUARD, PROPSTAND, ETC.

FOOTRESTS, CHAINGUARD, PROPSTAND, ETC.

											T20SM T20SH	
1	F4383	Left footrest ...	...	...	...	...	...	...	...	...	-	1
2	F3450	Right footrest ...	...	...	...	...	...	...	...	...	-	1
3	F1695	Pedal rubber ...	...	...	...	...	...	...	...	...	-	2
4	F3448	Footrest hanger rod ($6\frac{3}{4}$ in. O.A.)	...	...	...	...	...	...	...	...	1	1
5	H193	Nut ...	...	...	...	...	...	...	...	...	2	2
6	F5552	PILLION FOOTREST	...	...	...	...	...	...	...	...	2	2
7	F2268	Footrest hanger	...	...	...	...	...	...	...	...	2	2
8	F5535	Bolt ($\frac{13}{16}$ in. U.H.)	...	...	...	...	...	...	...	...	2	2
9	S26-1	Spring washer ...	...	...	...	...	...	...	...	...	2	2
10	F1694	Pedal ...	...	...	...	...	...	...	...	...	2	2
11	F2271	Pivot bolt ...	...	...	...	...	...	...	...	...	2	2
12	F2277	Spring washer ...	...	...	...	...	...	...	...	...	2	2
13	S1-51	Nut ...	...	...	...	...	...	...	...	...	2	2
14	F1695	Pedal rubber ...	...	...	...	...	...	...	...	...	2	2
15	F4090	Brake pedal spindle ...	...	...	...	...	...	...	...	...	1	1
16	S26-1	Spring washer ...	...	...	...	...	...	...	...	...	1	1
17	P0172A	Nut ...	...	...	...	...	...	...	...	...	1	1
18	F4091	Brake pedal ...	...	...	...	...	...	...	...	...	1	1
19	S25-3	Plain washer ...	...	...	...	...	...	...	...	...	1	1
20	T224	Nut ...	...	...	...	...	...	...	...	...	1	1
21	F4093	Brake rod ...	...	...	...	...	...	...	...	...	1	1
22	F3461	Washer ...	...	...	...	...	...	...	...	...	1	1
23	$\frac{1}{16}$ in. x $\frac{3}{8}$ in.	Split pin ...	...	...	...	...	...	...	...	...	1	1
24	F3463	Adjuster nut ...	...	...	...	...	...	...	...	...	1	1
25	F5053	Rear chainguard ...	...	...	...	...	...	...	...	...	1	1
26	F1369	Bolt ($\frac{5}{8}$ in. U.H.)	...	...	...	...	...	...	...	...	1	1
27	S26-2	Spring washer ...	...	...	...	...	...	...	...	...	2	2
28	F6982	Left footrest hanger	...	...	...	...	...	...	...	...	1	-
29	F6983	Right footrest hanger	...	...	...	...	...	...	...	...	1	-
30	F6411	Pedal ...	...	...	...	...	...	...	...	...	2	-
31	F6655	Pivot bolt ...	...	...	...	...	...	...	...	...	2	-
32	F5022	Pedal rubber ...	...	...	...	...	...	...	...	...	2	-
33	F4258	Crankcase shield	...	...	...	...	...	...	...	...	1	-
34	F4260	Clip ...	...	...	...	...	...	...	...	...	1	-
35	DS57	Bolt ($\frac{7}{16}$ in. U.H.)	...	...	...	...	...	...	...	...	5	3
36	E1612	Serrated washer ...	...	...	...	...	...	...	...	...	2	-
37	F879	Nut ...	...	...	...	...	...	...	...	...	3	1
38	F4277	PROP STAND COMPLETE	...	...	...	...	...	...	...	...	1	1
39	F3097	Pivot bolt ...	...	...	...	...	...	...	...	...	1	1
40	F3096	Tab washer ...	...	...	...	...	...	...	...	...	1	1
41	F2610	Return spring ...	...	...	...	...	...	...	...	...	1	1

FORK ASSEMBLY REF. N°1

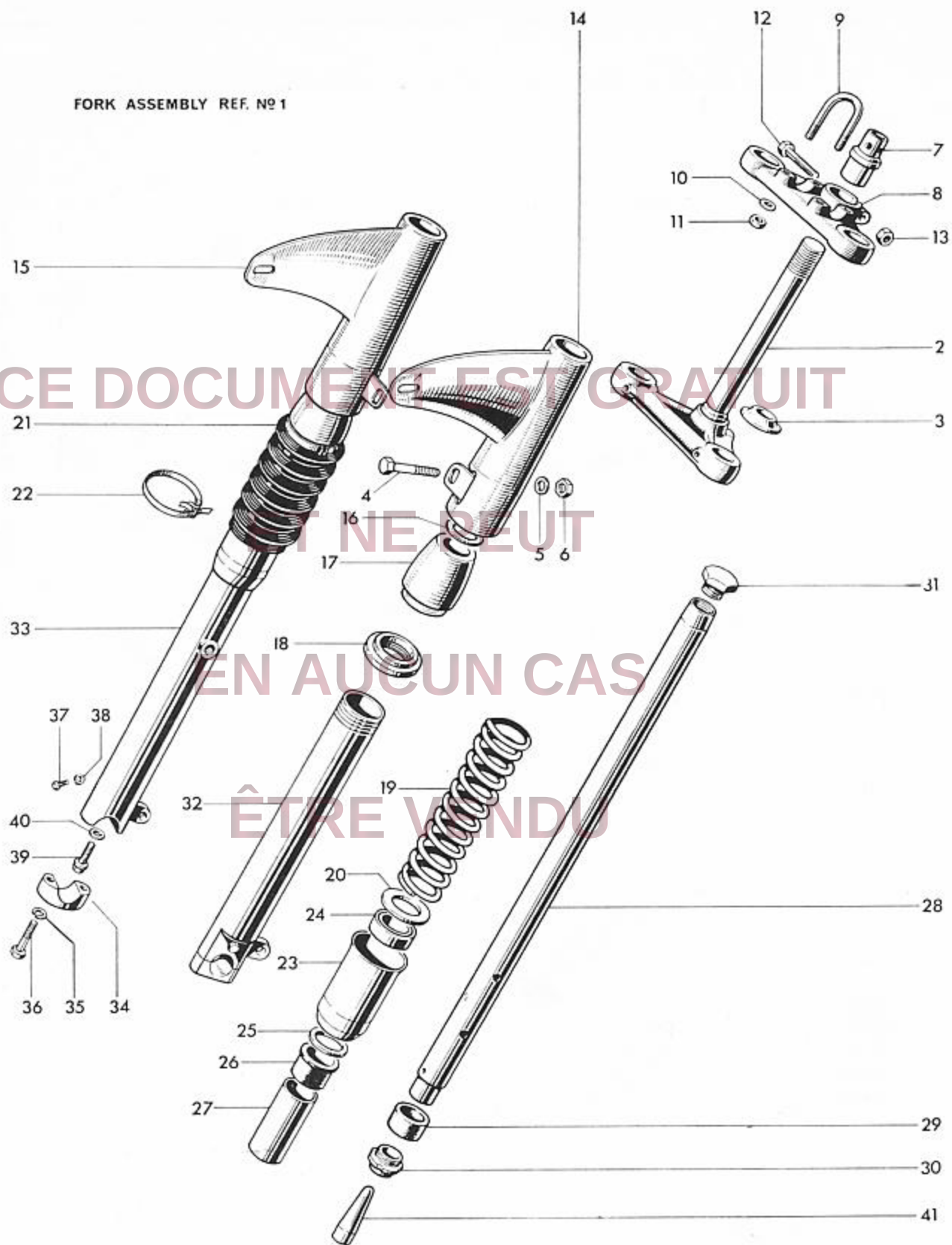


Fig. 9. TELESCOPIC FRONT FORK

TELESCOPIC FRONT FORK

											T20SM	T20SH
1	H1880	FORK ASSEMBLY	...	...	...	...	...	...	...	...	1	1
2	H1257	Middle lug and stem	...	...	...	...	...	...	...	...	1	1
3	H833	Bottom cone	...	...	...	...	...	...	...	...	1	1
4	H941	Pinch bolt (2¼ in. U.H.)	...	...	...	...	...	...	...	...	2	2
5	S25-2	Plain washer	...	...	...	...	...	...	...	...	2	2
6	H975	Nut	...	...	...	...	...	...	...	...	2	2
7	H1260	Fork stem sleeve nut	...	...	...	...	...	...	...	...	1	1
8	H1108	Top lug	...	...	...	...	...	...	...	...	1	1
9	H660	Handlebar 'U' bolt	...	...	...	...	...	...	...	...	2	2
10	S25-3	Plain washer	...	...	...	...	...	...	...	...	4	4
11	E1310	Nut	...	...	...	...	...	...	...	...	4	4
12	F1760	Pinch bolt (1½ in. U.H.)	...	...	...	...	...	...	...	...	1	1
13	H379	Seated nut	...	...	...	...	...	...	...	...	1	1
14	H1899	Left top cover	...	...	...	...	...	...	...	...	1	1
15	H1898	Right top cover	...	...	...	...	...	...	...	...	1	1
16	F4047	Cork washer	...	...	...	...	...	...	...	...	2	2
17	H1867	Spring abutment	...	...	...	...	...	...	...	...	2	2
18	H1866	Spring cup	...	...	...	...	...	...	...	...	2	2
19	H1865	Main spring—Black/Yellow	...	...	...	...	...	...	...	...	2	2
20	H1656	Plain washer	...	...	...	...	...	...	...	...	2	2
21	H1645	Telescopic gaiter	...	...	...	...	...	...	...	...	2	2
22	H2083	Gaiter clip	...	...	...	...	...	...	...	...	4	4
23	H1654	DUST EXCLUDER SLEEVE NUT	...	...	...	...	...	...	...	...	2	2
24	H1500	Oil seal	...	...	...	...	...	...	...	...	2	2
25	H431	Plain washer	...	...	...	...	...	...	...	...	2	2
26	H441	Top bearing	...	...	...	...	...	...	...	...	2	2
27	H1896	Damping sleeve	...	...	...	...	...	...	...	...	2	2
28	H1928	STANCHION C/W BEARING	...	...	...	...	...	...	...	...	2	2
29	H443	Lower bearing	...	...	...	...	...	...	...	...	2	2
30	H1058	Bearing nut	...	...	...	...	...	...	...	...	2	2
31	H1658	Cap nut	...	...	...	...	...	...	...	...	2	2
32	H1842	LEFT BOTTOM MEMBER C/W CAP	...	...	...	...	...	...	...	...	1	1
33	H1843	RIGHT BOTTOM MEMBER C/W CAP	...	...	...	...	...	...	...	...	1	1
34	H1844	Spindle cap...	...	...	...	...	...	...	...	...	2	2
35	S26-3	Spring washer	...	...	...	...	...	...	...	...	4	4
36	H1070	Bolt (1⅞ in. U.H.)	...	...	...	...	...	...	...	...	4	4
37	H1071	Drain plug	...	...	...	...	...	...	...	...	2	2
38	H430	Fibre washer	...	...	...	...	...	...	...	...	2	2
39	H1063	Flanged bolt (2½ in. U.H.)	...	...	...	...	...	...	...	...	2	2
40	H1062	Aluminium washer	...	...	...	...	...	...	...	...	2	2
41	H1499	Restrictor	...	...	...	...	...	...	...	...	2	2

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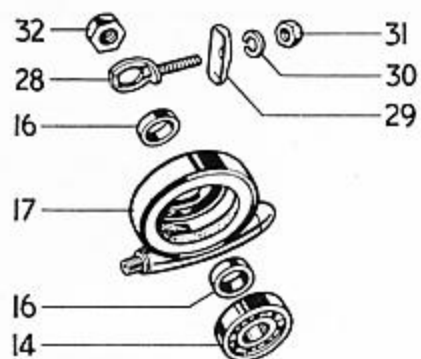


32

FRONT WHEEL

			T20SM	T20SH
1	W1655	FRONT WHEEL COMPLETE	1	1
2	W1285	RIM, SPOKES AND HUB ASSEMBLY	1	1
3	W1002	Front wheel rim, WM1-19	1	1
4	W1289	Spoke (10/12G x 8½ in. 90°) c/w nipple	20	20
5	W1205	Spoke (10/12G x 6¾ in. 100°) c/w nipple	10	10
6	W1206	Spoke (10/12G x 6¾ in. 80°) c/w nipple	10	10
7	W965	Nipple	40	40
8	W1286	Hub and brake drum	1	1
9	W1350	Wheel spindle	1	1
10	T530	Left bearing	1	1
11	W966	Dust cover	1	1
12	T532	Circlip	1	1
13	H826	Right bearing	1	1
14	W968	Retaining ring	1	1
15	W1650	Brake anchor plate	1	1
16	W977	BRAKE SHOE C/W LINING	2	2
17	W978	Brake lining	2	2
18	W979	Brass rivet	12	12
19	W200	Shoe return spring	1	1
20	W1128	Brake cam	1	1
21	W1653	Brake cam lever	1	1
22	S25-71	Plain washer	1	1
23	T224	Nut	1	1
24	W1093	Anchor plate nut	1	1
25	W1649	Spindle sleeve	2	2

ÊTRE VENDU



WHEEL COMPLETE REF. N° 1
RIM, SPOKES & HUB REF. N° 2

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ÊTRE VENDU

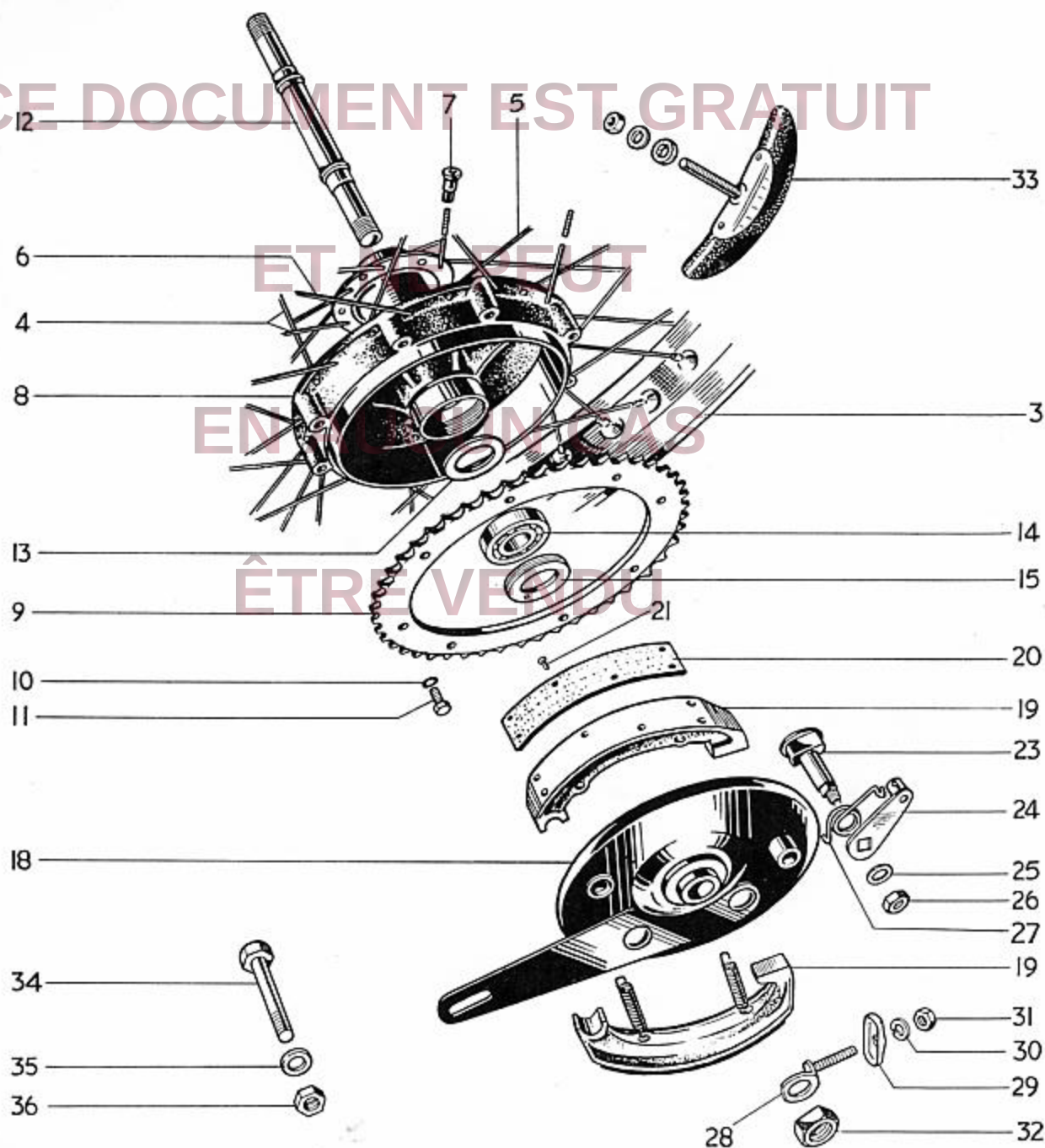


Fig. 11. REAR WHEEL

REAR WHEEL

			T20SM	T20SH
1	W1418	REAR WHEEL COMPLETE	—	1
1	W1446	REAR WHEEL COMPLETE	1	—
2	W1368	RIM, SPOKES AND HUB ASSEMBLY	—	1
2	W1447	RIM, SPOKES AND HUB ASSEMBLY	1	—
3	W1296	Rear wheel rim WM 2-18	—	1
3	W1007	Rear wheel rim WM 3-18	1	—
4	W1293	Spoke (10/12G x 7 $\frac{1}{8}$ in. 90°) c/w nipple	—	20
4	W1465	Spoke (10G x 7 $\frac{1}{8}$ in. 90°) c/w nipple	20	—
5	W1294	Spoke (10/12G x 6 $\frac{3}{8}$ in. 100°) c/w nipple	—	10
5	W934	Spoke (10G x 6 $\frac{3}{8}$ in. 94°) c/w nipple	10	—
6	W1295	Spoke (10/12G x 6 $\frac{3}{8}$ in. 80°) c/w nipple	—	10
6	W933	Spoke (10G x 6 $\frac{3}{8}$ in. 83°) c/w nipple	10	—
7	W965	Nipple...	—	40
7	S79-2	Nipple...	40	—
8	W1362	Hub and brake drum	1	1
9	W1076	*Sprocket (54T)	1	—
9	W984	*Sprocket (48T)	—	1
10	W1122	Spring washer	8	8
11	W1322	Bolt ($\frac{5}{8}$ in. U.H.)	8	8
12	W989	Spindle	1	1
13	W987	Backing ring	1	1
14	H826	Bearing	2	2
15	W988	Retaining ring	1	1
16	W1223	Distance piece	2	2
17	D175	Speedometer gearbox	1	1
18	W1365	Brake anchor plate	1	1
19	W977	BRAKE SHOE C/W LINING	2	2
20	W978	Brake lining	2	2
21	W979	Brass rivet	12	12
22	W200	Shoe return spring	2	2
23	W1128	Brake cam	1	1
24	W1221	Brake cam lever	1	1
25	S25-71	Plain washer	1	1
26	T224	Nut	1	1
27	W592	Return spring	1	—
28	W1224	Chain adjuster	2	2
29	W1227	End plate	2	2
30	S26-2	Spring washer	2	2
31	F879	Nut	2	2
32	W1000	Nut	2	2
33	D106	Tyre security bolt	—	1
33	WM-3	Tyre security bolt	2	—
34	H211	Bolt ($\frac{5}{16}$ in. U.H.)	1	1
35	F2184	Plain washer	1	1
36	F3955	Self-locking nut	1	1

*For alternative sprockets see Page 10.

MUDGUARDS AND NUMBER PLATES

												T20SM	T20SH
1	H1677	Mudguard blade	...	...	...	...	...	...	...	...	...	1	-
1	H1675	Mudguard blade	...	...	...	...	...	...	...	...	...	-	1
2	H1683	Bridge	...	...	...	...	...	...	...	...	...	1	1
3	H1685	Bracket	...	...	...	...	...	...	...	...	...	2	2
4	H1681	Front stay	...	...	...	...	...	...	...	...	...	1	1
5	H1678	Lower stay	...	...	...	...	...	...	...	...	...	1	1
6	F929	Bolt ($\frac{1}{2}$ in. U.H.)	...	...	...	...	...	...	...	...	...	2	3
7	F4299	Plain washer	...	...	...	...	...	...	...	...	...	2	2
8	DS55	Bolt ($\frac{13}{16}$ in. U.H.)	...	...	...	...	...	...	...	...	...	5	5
9	S25-3	Plain washer	...	...	...	...	...	...	...	...	...	2	2
10	T224	Nut	...	...	...	...	...	...	...	...	...	2	2
11	W1691	Self-locking nut	...	...	...	...	...	...	...	...	...	2	2
12	S1-51	Nut	...	...	...	...	...	...	...	...	...	3	4
13	D261	Licence holder	...	...	...	...	...	...	...	...	...	-	1
14	F6470	Number plate	...	...	...	...	...	...	...	...	...	-	1
15	H741	Clip assembly	...	...	...	...	...	...	...	...	...	-	2
16	F4715	Screw ($\frac{13}{32}$ in. U.H.)	...	...	...	...	...	...	...	...	...	3	2
17	H745	Nut	...	...	...	...	...	...	...	...	...	-	2
18	F6986	Mudguard	...	...	...	...	...	...	...	...	...	1	-
18	F6524	Mudguard	...	...	...	...	...	...	...	...	...	-	1
19	F5640	Stay	...	...	...	...	...	...	...	...	...	2	2
20	DS57	Bolt ($\frac{7}{8}$ in. U.H.)	...	...	...	...	...	...	...	...	...	12	8
21	S25-1	Plain washer	...	...	...	...	...	...	...	...	...	17	12
22	F879	Nut	...	...	...	...	...	...	...	...	...	19	14
23	PF204	Clip	...	...	...	...	...	...	...	...	...	1	1
24	F444	Backing plate	...	...	...	...	...	...	...	...	...	1	1
25	F6928	Tail lamp adaptor	...	...	...	...	...	...	...	...	...	1	-
26	F6945	Tail lamp plate	...	...	...	...	...	...	...	...	...	1	-
27	F6984	Registration plate bracket	...	...	...	...	...	...	...	...	...	2	-
28	E2980	Stud ($\frac{15}{16}$ in. O.H.)	...	...	...	...	...	...	...	...	...	1	-
29	F5924	Number plate	...	...	...	...	...	...	...	...	...	-	1
30	F1149	Bolt ($\frac{7}{8}$ in. U.H.)	...	...	...	...	...	...	...	...	...	-	2
31	F5410	Distance piece	...	...	...	...	...	...	...	...	...	-	2
32	S26-2	Spring washer	...	...	...	...	...	...	...	...	...	-	2
33	S26-3	Spring washer	...	...	...	...	...	...	...	...	...	1	2

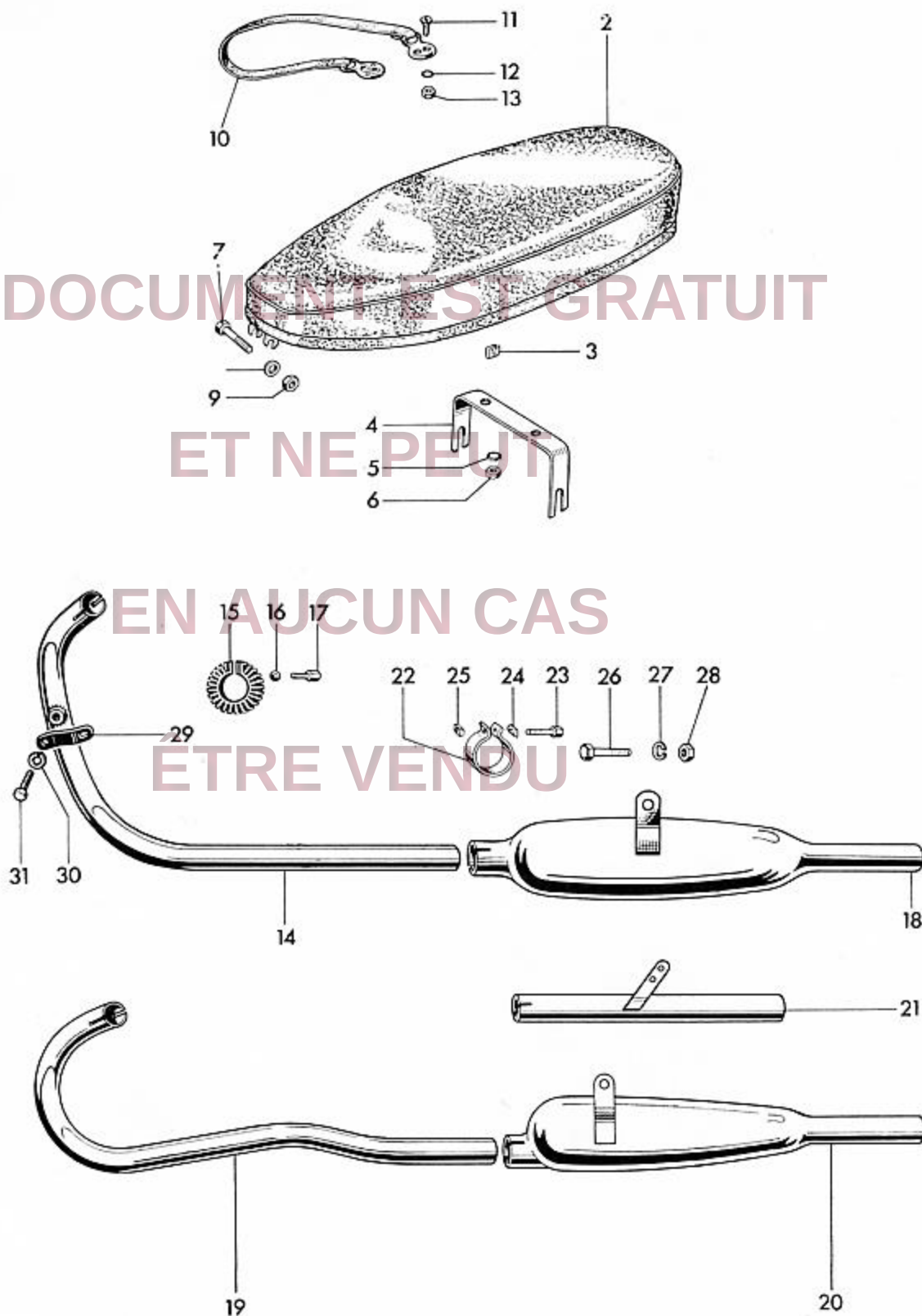


Fig. 13. TWINSEAT, REAR PANELS AND EXHAUST SYSTEM

TWINSEAT, REAR PANELS AND EXHAUST SYSTEM

											T20SM	T20SH
1	F4272	TWINSEAT COMPLETE	...	...	...	...	...	...	...	...	1	1
2	F4104	Cover c/w clips	...	...	...	...	...	...	...	...	1	1
3	F4475	Clip	...	...	...	...	...	...	...	...	as required	
4	F4261	Rear bracket	...	...	...	...	...	...	...	...	1	1
5	E1612	Serrated washer	...	...	...	...	...	...	...	...	2	2
6	F879	Nut	...	...	...	...	...	...	...	...	2	2
7	E667A	Bolt (1½ in. U.H.)	...	...	...	...	...	...	...	...	1	1
8	S25-3	Plain washer	...	...	...	...	...	...	...	...	1	1
9	E1310	Nut	...	...	...	...	...	...	...	...	1	1
10	F4361	Safety strap	...	...	...	...	...	...	...	...	1	A
11	F4129	Screw (½ in. U.H.)	...	...	...	...	...	...	...	...	4	4
12	G5299	Serrated washer	...	...	...	...	...	...	...	...	4	4
13	H745	Nut	...	...	...	...	...	...	...	...	4	4
14	E4738	Exhaust pipe	...	...	...	...	...	...	...	...	-	1
15	E4932	Clip (chrome)	...	...	...	...	...	...	...	...	1	1
16	S25-13	Plain washer	...	...	...	...	...	...	...	...	1	1
17	E3260	Bolt (¾ in. U.H.)	...	...	...	...	...	...	...	...	1	1
18	E3928	Silencer	...	...	...	...	...	...	...	...	1	1
19	E4497	Exhaust pipe (upswept)	...	...	...	...	...	...	...	...	1	-
20	E4496	Silencer (upswept)	...	...	...	...	...	...	...	...	1	-
21	E3967	Extension pipe	...	...	...	...	...	...	...	...	-	A
22	E3269	Clip	...	...	...	...	...	...	...	...	1	1
23	TE164E	Bolt	...	...	...	...	...	...	...	...	1	1
24	TE164D	"D" washer	...	...	...	...	...	...	...	...	1	1
25	TE164C	"D" nut	...	...	...	...	...	...	...	...	1	1
26	F1031	Bolt (½ in. U.H.), silencer hanger	...	...	...	...	...	...	...	...	A	A
27	S26-1	Spring washer	...	...	...	...	...	...	...	...	A	A
28	P0172A	Nut	...	...	...	...	...	...	...	...	A	A
29	E4737	Bracket	...	...	...	...	...	...	...	...	1	1
30	S26-3	Spring washer	...	...	...	...	...	...	...	...	1	1
31	F929	Bolt	...	...	...	...	...	...	...	...	1	1

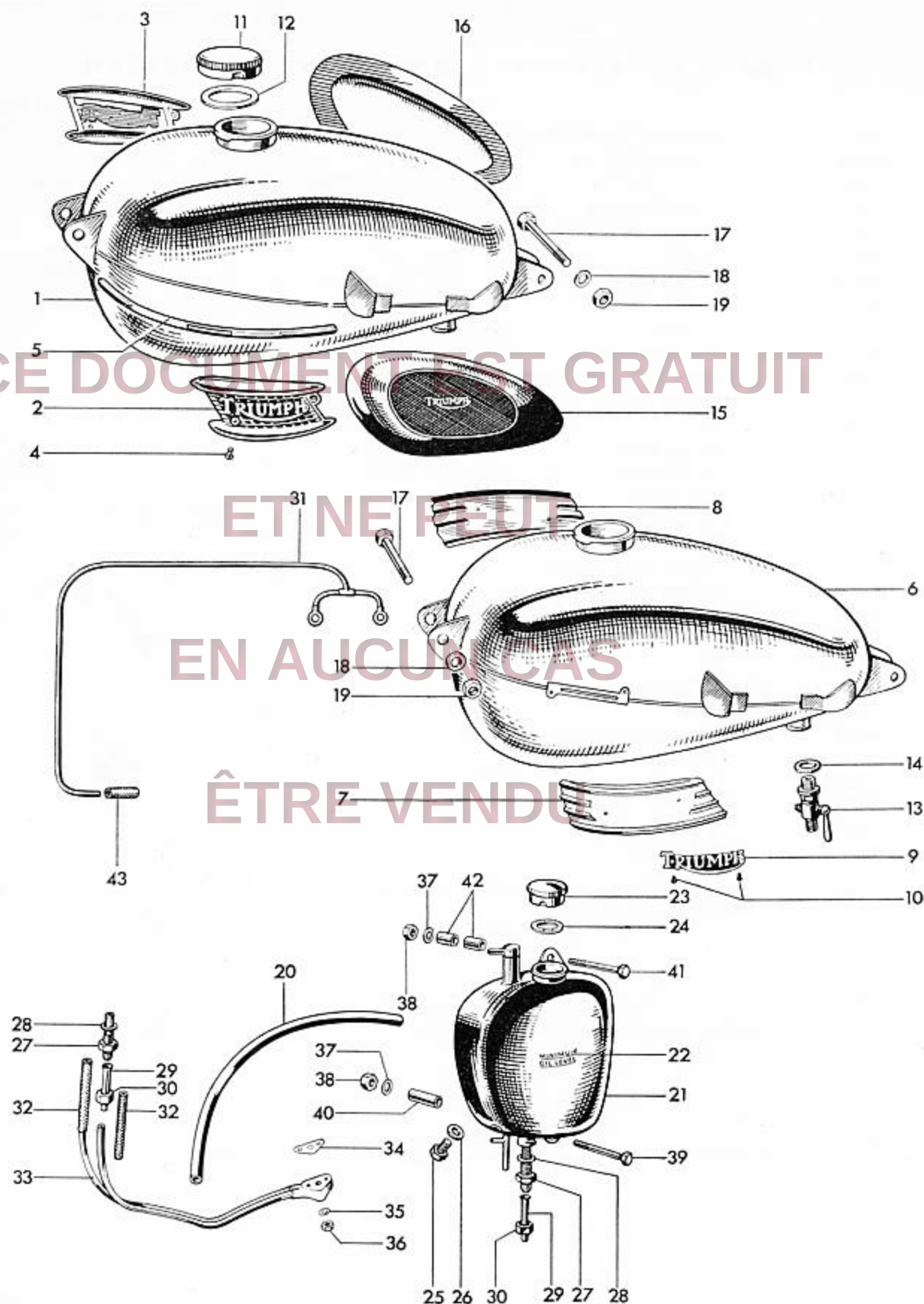


Fig. 14. PETROL AND OIL TANKS

PETROL AND OIL TANKS

												T20SM	T20SH
1	F4496	Petrol tank (3 gallons)	...	...	...	...	...	...	...	...	...	-	1
2	F4570	Left styling unit	...	...	...	...	...	...	...	...	...	-	1
3	F4571	Right styling unit	...	...	...	...	...	...	...	...	...	-	1
4	F4468	Screw ($\frac{1}{8}$ in. U.H.)	...	...	...	...	...	...	...	...	...	-	4
5	F5100	Styling strip	...	...	...	...	...	...	...	...	...	-	2
6	F3505	Petrol tank ($2\frac{1}{2}$ gallons)	...	...	...	...	...	...	...	...	...	1	-
7	F3494	Left styling band	...	...	...	...	...	...	...	...	...	1	-
8	F3495	Right styling band	...	...	...	...	...	...	...	...	...	1	-
9	F3496	Nameplate	...	...	...	...	...	...	...	...	...	2	-
10	F3497	Screw ($\frac{1}{8}$ in. U.H.)	...	...	...	...	...	...	...	...	...	4	-
11	F3220	FILLER CAP	...	...	...	...	...	...	...	...	...	1	1
12	F4048	Joint washer	...	...	...	...	...	...	...	...	...	1	1
13	F4908	Petrol tap	...	...	...	...	...	...	...	...	...	1	1
14	E697	Fibre washer	...	...	...	...	...	...	...	...	...	1	1
15	F1606	Left knee grip	...	...	...	...	...	...	...	...	...	1	1
16	F1605	Right knee grip	...	...	...	...	...	...	...	...	...	1	1
17	F3498	Bolt ($2\frac{5}{8}$ in. U.H.)	...	...	...	...	...	...	...	...	...	2	2
18	S25-3	Plain washer	...	...	...	...	...	...	...	...	...	2	2
19	S1-51	Nut	...	...	...	...	...	...	...	...	...	2	2
20	T1203	Flexible vent pipe	...	...	...	...	...	...	...	...	...	1	1
21	F4572	OIL TANK	...	...	...	...	...	...	...	...	...	1	1
22	A3	Transfer (Minimum oil level)	...	...	...	...	...	...	...	...	...	1	1
23	F3216	FILLER CAP	...	...	...	...	...	...	...	...	...	1	1
24	F4047	Joint washer	...	...	...	...	...	...	...	...	...	1	1
25	F5343	Drain plug	...	...	...	...	...	...	...	...	...	1	1
26	PT104B	Fibre washer	...	...	...	...	...	...	...	...	...	1	1
27	F3876	Filter	...	...	...	...	...	...	...	...	...	1	1
28	F1511	Fibre washer	...	...	...	...	...	...	...	...	...	1	1
29	F3503	Upper feed pipe	...	...	...	...	...	...	...	...	...	1	1
30	F3504	Union nut	...	...	...	...	...	...	...	...	...	1	1
31	E3244	Rocker oil feed pipe...	...	...	...	...	...	...	...	...	...	1	1
32	E6116	Rubber connector	...	...	...	...	...	...	...	...	...	2	2
33	E6113	Oil pipes and junction block	...	...	...	...	...	...	...	...	...	1	1
34	E3274	Joint washer	...	...	...	...	...	...	...	...	...	1	1
35	S25-13	Plain washer	...	...	...	...	...	...	...	...	...	1	1
36	F879	Nut	...	...	...	...	...	...	...	...	...	1	1
37	S25-3	Plain washer	...	...	...	...	...	...	...	...	...	2	2
38	S1-51	Nut	...	...	...	...	...	...	...	...	...	2	2
39	F2596	Bolt ($1\frac{7}{8}$ in. U.H.)	...	...	...	...	...	...	...	...	...	1	1
40	F3477	Distance piece	...	...	...	...	...	...	...	...	...	1	1
41	F3468	Bolt ($2\frac{1}{8}$ in. U.H.)	...	...	...	...	...	...	...	...	...	1	1
42	F3476	Distance piece	...	...	...	...	...	...	...	...	...	2	2
43	E3383	Rubber connector	...	...	...	...	...	...	...	...	...	1	1

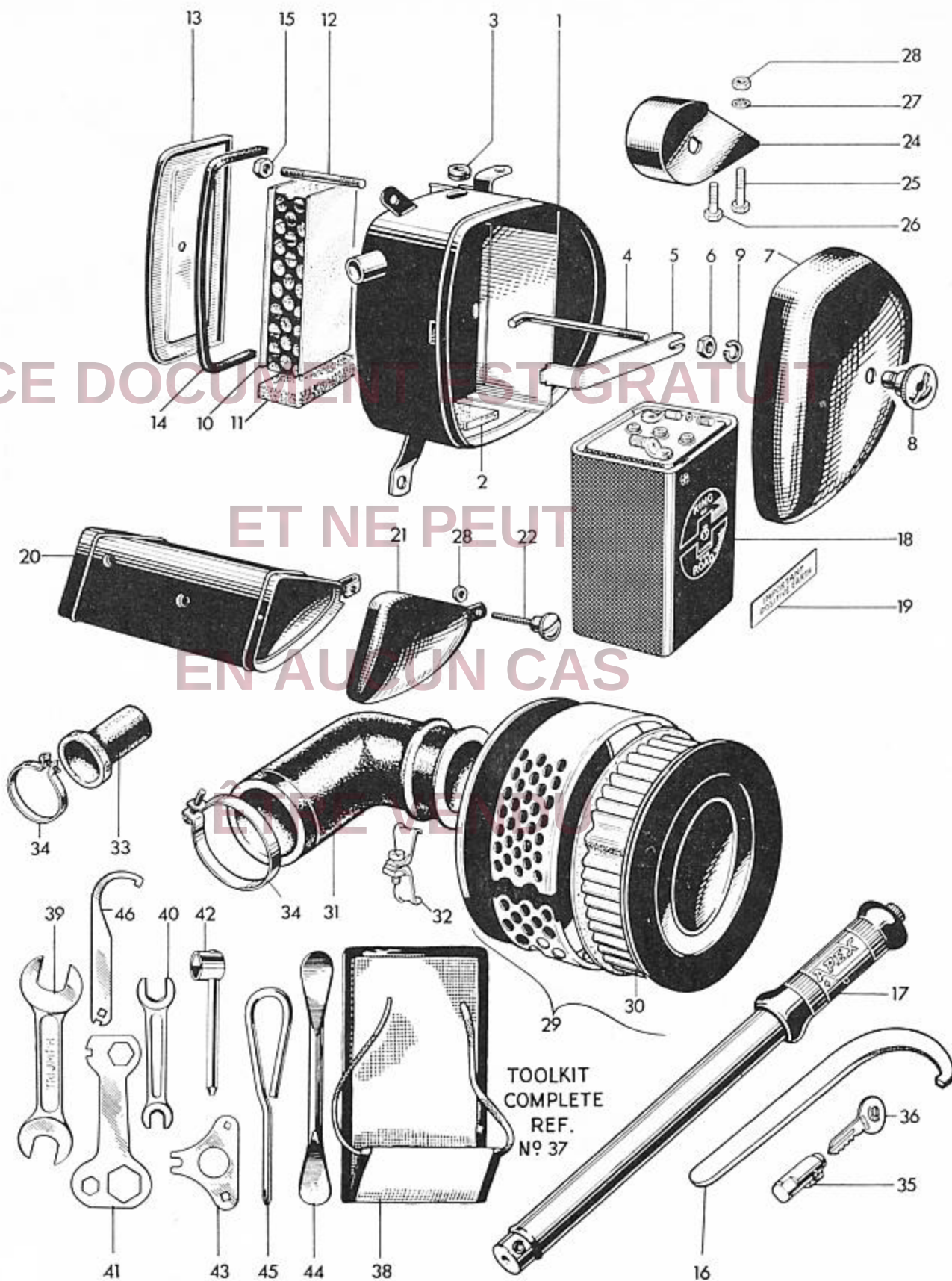
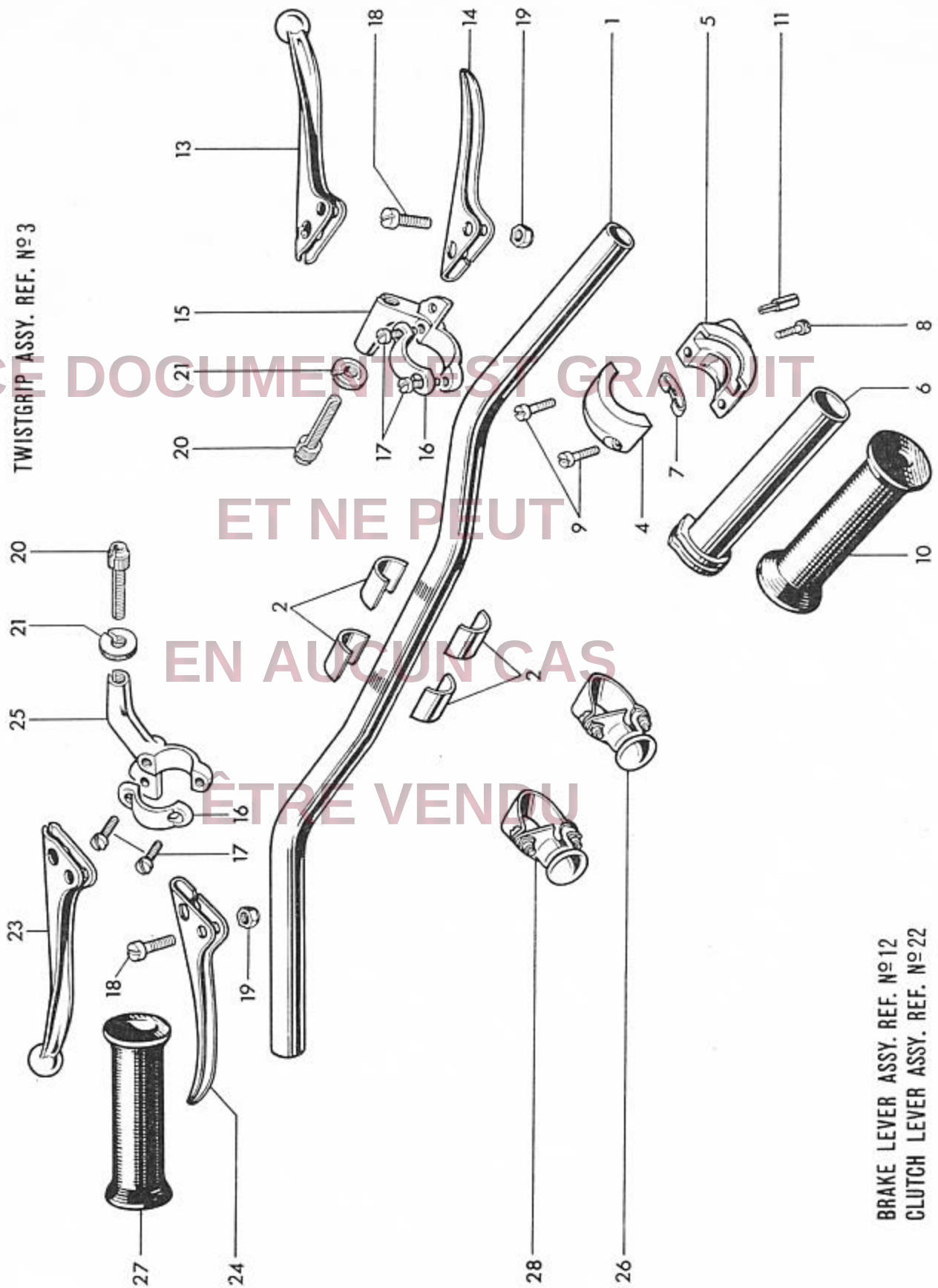


Fig. 15. BATTERY CASE, TOOLBOX AND AIR FILTER

BATTERY CASE, TOOLBOX AND AIR FILTER

											T20SM	T20SH
1	F5139	BATTERY CASE, AIR FILTER AND TOOL BOX	...	...	...	...	...	...	...	...	-	1
2	F3470	Rubber pad	...	...	...	...	...	...	...	...	-	2
3	199002	Grommet	...	...	...	...	...	...	...	...	-	1
4	F3472	Hook bolt	...	...	...	...	...	...	...	...	-	1
5	F3473	Strap	...	...	...	...	...	...	...	...	-	1
6	F879	Nut	...	...	...	...	...	...	...	...	-	1
7	F3493	Lid c/w knob	...	...	...	...	...	...	...	...	-	1
8	F3474	Knob	...	...	...	...	...	...	...	...	-	1
9	F3475	Circlip	...	...	...	...	...	...	...	...	-	1
10	F5137	Air filter element	...	...	...	...	...	...	...	...	-	1
11	F5140	Rubber pad	...	...	...	...	...	...	...	...	-	1
12	F3656	Stud (1½ in. O.A.)	...	...	...	...	...	...	...	...	-	1
13	F5141	Lid	...	...	...	...	...	...	...	...	-	1
14	H251	Beading	...	...	...	...	...	...	...	...	-	1
15	H745	Nut	...	...	...	...	...	...	...	...	-	1
16	D527	Fork sleeve nut spanner	...	...	...	...	...	...	...	...	as required	
17	D296	Tyre inflator	...	...	...	...	...	...	...	...	-	1
18	408200	Battery PUZ5E/11	...	...	...	...	...	...	...	...	-	1
19	A52	Transfer "Positive earth"	...	...	...	...	...	...	...	...	-	1
20	F4877	TOOLBOX	...	...	...	...	...	...	...	...	1	-
21	F4882	Toolbox lid	...	...	...	...	...	...	...	...	1	-
22	F4885	Fastener screw	...	...	...	...	...	...	...	...	1	-
23	F4717	Self locking nut	...	...	...	...	...	...	...	...	1	-
24	F5143	Switch bracket	...	...	...	...	...	...	...	...	-	2
25	F1369	Bolt (5/8 in. U.H.)	...	...	...	...	...	...	...	...	-	1
26	DS57	Bolt (7/16 in. U.H.)	...	...	...	...	...	...	...	...	-	3
27	E1612	Serrated washer	...	...	...	...	...	...	...	...	-	4
28	F879	Nut	...	...	...	...	...	...	...	...	-	4
29	F6428	AIR FILTER	...	...	...	...	...	...	...	...	1	-
30	F5694	Element and back plate assembly (paper element)	...	...	...	...	...	...	...	...	1	-
31	F5038	Rubber connector	...	...	...	...	...	...	...	...	1	-
32	F4810	Clip	...	...	...	...	...	...	...	...	1	-
33	F5142	Rubber connector	...	...	...	...	...	...	...	...	-	1
34	F3859	Clip	...	...	...	...	...	...	...	...	1	1
35	D402/3	FRAME LOCK C/W 2 KEYS	...	...	...	...	...	...	...	...	1	1
36	D403	Key (state number)	...	...	...	...	...	...	...	...	1	1
37	D290	TOOLKIT	...	...	...	...	...	...	...	...	-	1
37	D533	TOOLKIT	...	...	...	...	...	...	...	...	1	-
38	D291	Toolbag	...	...	...	...	...	...	...	...	1	1
39	D299	Open spanner, 3/8 in. x 7/16 in. Whit.	...	...	...	...	...	...	...	...	1	1
40	D292	Open spanner, 1/8 in. x 9/16 in. x 1/4 in. x 5/16 in. Whit.	...	...	...	...	...	...	...	...	1	1
41	D293	Combination spanner, 3/16 in. x 5/16 in. x 1/2 in. Whit.	...	...	...	...	...	...	...	...	1	1
42	D294	Screwdriver and 1/8 in. Whit. spanner	...	...	...	...	...	...	...	...	1	1
43	DA70	Clutch key	...	...	...	...	...	...	...	...	1	1
44	NA14A	Tyre lever	...	...	...	...	...	...	...	...	1	1
45	D335	Phillips No. 2 screwdriver	...	...	...	...	...	...	...	...	1	1
46	D362	"C" spanner	...	...	...	...	...	...	...	...	1	-

TWISTGRIP ASSY. REF. N°3



BRAKE LEVER ASSY. REF. N°12
CLUTCH LEVER ASSY. REF. N°22

Fig. 16. HANDLEBARS AND CONTROL LEVERS

HANDLEBARS AND CONTROL LEVERS

											T20SM	T20SH
1	H1519	Handlebar bend	...	...	...	...	...	...	...	...	1	-
1	H527	Handlebar bend	...	...	...	...	...	...	...	...	-	1
2	H1425	Packing piece	...	...	...	...	...	...	...	...	4	4
3	366/2	TWISTGRIP	...	...	...	...	...	...	...	...	1	1
4	366/001	Body top half	...	...	...	...	...	...	...	...	1	1
5	366/002	Body bottom half	...	...	...	...	...	...	...	...	1	1
6	366/004	Rotor	...	...	...	...	...	...	...	...	1	1
7	366/007	Friction spring	...	...	...	...	...	...	...	...	1	1
8	366/008	Friction spring screw	...	...	...	...	...	...	...	...	1	1
9	376/079	Screw	...	...	...	...	...	...	...	...	2	2
10	16/070	Handlebar grip	...	...	...	...	...	...	...	...	1	1
11	366/006	Cable stop	...	...	...	...	...	...	...	...	1	1
12	18/1065	FRONT BRAKE LEVER ASSEMBLY (Ball end)	...	...	...	...	...	...	...	...	1	-
12	18/999	FRONT BRAKE LEVER ASSEMBLY	...	...	...	...	...	...	...	...	-	1
13	18/754	Brake lever (Ball end)	...	...	...	...	...	...	...	...	1	-
14	18/535	Brake lever	...	...	...	...	...	...	...	...	-	1
15	18/1013	Brake lever bracket	...	...	...	...	...	...	...	...	1	1
16	12/595	Clamp	...	...	...	...	...	...	...	...	1	1
17	11/014	Screw	...	...	...	...	...	...	...	...	2	2
18	18/087	Fulcrum screw	...	...	...	...	...	...	...	...	1	1
19	18/053	Self-locking nut	...	...	...	...	...	...	...	...	1	1
20	18/1005	Cable adjuster	...	...	...	...	...	...	...	...	1	1
21	18/1006	Thumb nut	...	...	...	...	...	...	...	...	1	1
22	18/1066	CLUTCH LEVER ASSEMBLY (Ball end)	...	...	...	...	...	...	...	...	1	-
22	18/1000	CLUTCH LEVER ASSEMBLY	...	...	...	...	...	...	...	...	-	1
23	18/752	Clutch lever (Ball end)	...	...	...	...	...	...	...	...	1	-
24	18/528	Clutch lever	...	...	...	...	...	...	...	...	-	1
25	18/1009	Clutch lever bracket	...	...	...	...	...	...	...	...	1	1
16	12/595	Clamp	...	...	...	...	...	...	...	...	1	1
17	11/014	Screw	...	...	...	...	...	...	...	...	2	2
18	18/087	Fulcrum screw	...	...	...	...	...	...	...	...	1	1
19	18/053	Self-locking nut	...	...	...	...	...	...	...	...	1	1
20	18/1005	Cable adjuster	...	...	...	...	...	...	...	...	1	-
21	18/1006	Thumb nut	...	...	...	...	...	...	...	...	1	-
26	76204	Horn push or cut-out button, type 4A	...	...	...	...	...	...	...	...	2	1
27	16/069	Handlebar grip	...	...	...	...	...	...	...	...	1	1
28	D553	Horn button, Clear Hooters No. 10	...	...	...	...	...	...	...	...	1	-

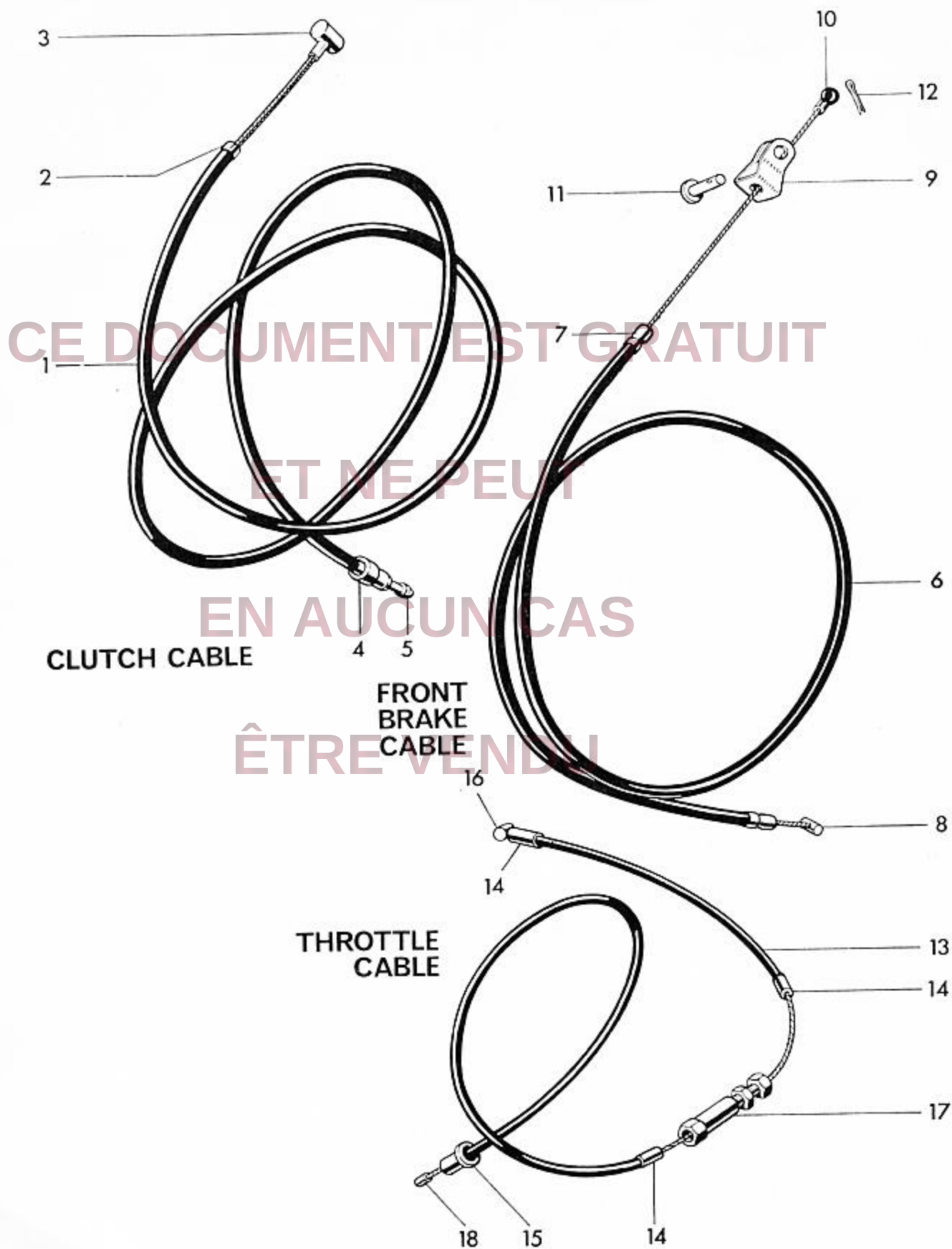


Fig. 17. CONTROL CABLES

CONTROL CABLES

												T20SM	T20SH
1	D567	CLUTCH CABLE	...	...	...	...	...	...	...	...	...	1	1
2	D103	Ferrule	...	...	...	...	...	...	...	...	...	2	2
3	D506	Nipple (H/Bar end)	...	...	...	...	...	...	...	...	...	1	1
4	D333	Abutment	...	...	...	...	...	...	...	...	...	1	1
5	D334	Nipple	...	...	...	...	...	...	...	...	...	1	1
6	D564	FRONT BRAKE CABLE	...	...	...	...	...	...	...	...	...	1	-
6	D569	FRONT BRAKE CABLE	...	...	...	...	...	...	...	...	...	-	1
7	D103	Ferrule	...	...	...	...	...	...	...	...	...	2	2
8	D506	Nipple (H/Bar end)	...	...	...	...	...	...	...	...	...	1	1
9	D280	Clevis	...	...	...	...	...	...	...	...	...	1	1
10	DS73	Nipple	...	...	...	...	...	...	...	...	...	1	1
11	D281	Clevis pin	...	...	...	...	...	...	...	...	...	1	1
12	$\frac{1}{16}$ in. x $\frac{3}{8}$ in.	Split pin	...	...	...	...	...	...	...	...	...	1	1
13	D420	THROTTLE CABLE	...	...	...	...	...	...	...	...	...	1	1
14	12/083	Ferrule	...	...	...	...	...	...	...	...	...	3	3
15	6/132A	Ferrule	...	...	...	...	...	...	...	...	...	1	1
16	D411	Nipple (H/Bar end)	...	...	...	...	...	...	...	...	...	1	1
17	D104	Adjuster	...	...	...	...	...	...	...	...	...	1	1
18	NS191	Nipple	...	...	...	...	...	...	...	...	...	1	1

EN AUCUN CAS

ÊTRE VENDU

CARBURETTER COMPLETE REF. No. I

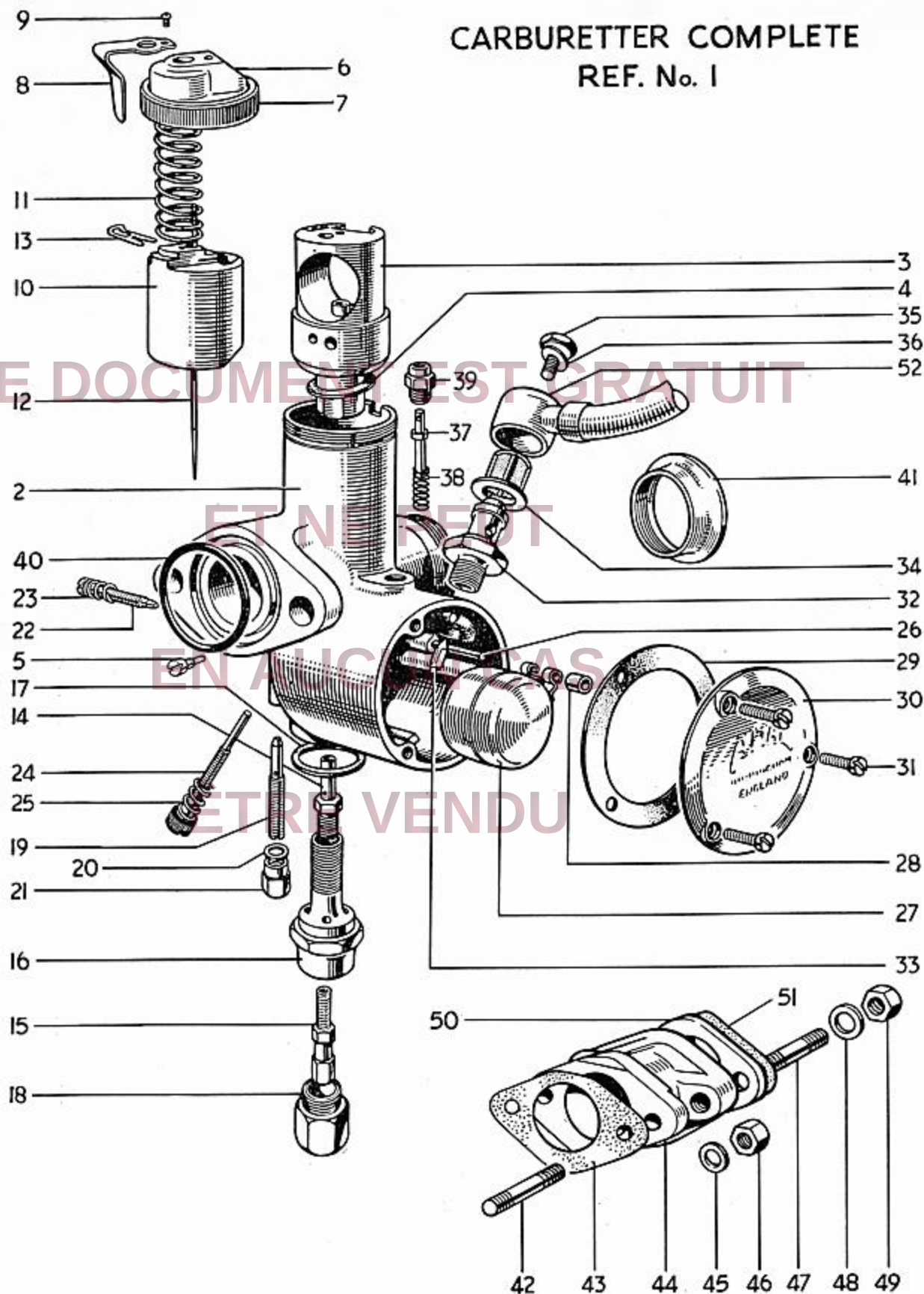


Fig. 18. AMAL CARBURETTER, TYPE 376

AMAL CARBURETTER, TYPE 376

										T20SM	T20SH
1	376/272	CARBURETTER COMPLETE (T20SM 376/314) ...	...	...	...	...	...	...	...	1	1
2	376/001	Mixing chamber ...	...	...	...	...	...	...	...	1	1
3	376/055	Jet block... ...	...	...	...	...	...	...	...	1	1
4	376/067	Joint washer ...	...	...	...	...	...	...	...	1	1
5	376/070	Peg screw ...	...	...	...	...	...	...	...	1	1
6	376/155	Mixing chamber top ...	...	...	...	...	...	...	...	1	1
7	376/065	Cap ring ...	...	...	...	...	...	...	...	1	1
8	29/308	Spring ...	...	...	...	...	...	...	...	1	1
9	4/241	Screw ...	...	...	...	...	...	...	...	1	1
10	376/060	Throttle valve (No. 3 Cutaway) (T20SM—2½ Cutaway) ...	...	...	...	...	...	...	...	1	1
11	376/061	Spring ...	...	...	...	...	...	...	...	1	1
12	376/063	Needle (Type C) ...	...	...	...	...	...	...	...	1	1
13	4/230	Clip ...	...	...	...	...	...	...	...	1	1
14	376/072	Needle jet (106) (T20SM—105) ...	...	...	...	...	...	...	...	1	1
15	376/100	Main jet (140) ...	...	...	...	...	...	...	...	1	1
16	376/073	Jet holder ...	...	...	...	...	...	...	...	1	1
17	376/074	Fibre washer ...	...	...	...	...	...	...	...	1	1
18	376/075	Cover nut ...	...	...	...	...	...	...	...	1	1
19	376/076	Pilot jet (20) (T20SM—15) ...	...	...	...	...	...	...	...	1	1
20	116/162	Fibre washer ...	...	...	...	...	...	...	...	1	1
21	376/095	Cover nut ...	...	...	...	...	...	...	...	1	1
22	332/017	Air adjusting screw ...	...	...	...	...	...	...	...	1	1
23	4/148	Spring ...	...	...	...	...	...	...	...	1	1
24	376/068	Throttle stop screw ...	...	...	...	...	...	...	...	1	1
25	376/069	Spring ...	...	...	...	...	...	...	...	1	1
26	376/085	Float spindle ...	...	...	...	...	...	...	...	1	1
27	376/083	Float ...	...	...	...	...	...	...	...	1	1
28	376/094	Bush ...	...	...	...	...	...	...	...	1	1
29	376/078	Joint washer ...	...	...	...	...	...	...	...	1	1
30	376/077	Cover ...	...	...	...	...	...	...	...	1	1
31	376/079	Screw ...	...	...	...	...	...	...	...	3	3
32	376/088	Needle seating ...	...	...	...	...	...	...	...	1	1
33	376/089	Needle ...	...	...	...	...	...	...	...	1	1
34	376/093	Filter ...	...	...	...	...	...	...	...	1	1
35	376/091	Bolt ...	...	...	...	...	...	...	...	1	1
36	376/092	Fibre washer ...	...	...	...	...	...	...	...	1	1
37	376/086	Tickler ...	...	...	...	...	...	...	...	1	1
38	376/087	Spring ...	...	...	...	...	...	...	...	1	1
39	343/011	Tickler body ...	...	...	...	...	...	...	...	1	1
40	244/1048	"O" ring seal ...	...	...	...	...	...	...	...	1	1
41	376/066	Air intake tube ...	...	...	...	...	...	...	...	A	A
42	E6549	Stud (1 in. O.A.) ...	...	...	...	...	...	...	...	2	2
43	E5902	Joint washer ...	...	...	...	...	...	...	...	1	1
44	E5900	Adaptor ...	...	...	...	...	...	...	...	1	1
45	E2728	Plain washer ...	...	...	...	...	...	...	...	2	2
46	E5269	Nut ...	...	...	...	...	...	...	...	2	2
47	E6550	Stud (1½ in. O.A.) ...	...	...	...	...	...	...	...	2	2
48	S25-3	Plain washer ...	...	...	...	...	...	...	...	2	2
49	S1-51	Nut ...	...	...	...	...	...	...	...	2	2
50	E4504	Insulating block ...	...	...	...	...	...	...	...	1	1
51	NA43	Joint washer ...	...	...	...	...	...	...	...	1	1
52	F4886	Petrol pipe ...	...	...	...	...	...	...	...	1	1

ELECTRICAL EQUIPMENT

									T20SM T20SH	
1	58395L	HEADLAMP ASSEMBLY, MCH 66 c/w High beam warning	...	...	...	...	...	...	1	-
1	58935F	HEADLAMP ASSEMBLY, MCH 66	...	...	...	...	...	...	-	1
2	534343	Rim	...	...	...	...	...	...	1	1
3	54520452	Light unit	...	...	...	...	...	...	1	-
3	516828	Light unit	...	...	...	...	...	...	-	1
4	504665	Fixing wire	...	...	...	...	...	...	6	6
5	38189	Warning lamp body and lens	...	...	...	...	...	...	1	-
6	54933910	Warning bulbholder	...	...	...	...	...	...	1	-
7	282	Warning bulb, BA 7S, 6V, 0.6W.	...	...	...	...	...	...	1	-
8	850641	Double snap connector	...	...	...	...	...	...	1	-
9	166	Bulb (24/24W. Pre-focus, Vertical Dip)	...	...	...	...	...	...	1	1
10	554602	Adaptor	...	...	...	...	...	...	1	1
11	554710	Pilot bulbholder	...	...	...	...	...	...	-	1
12	988	Bulb (3W. MCC)	...	...	...	...	...	...	-	1
13	112201	Bolt	...	...	...	...	...	...	2	2
14	137499	Washer	...	...	...	...	...	...	2	2
15	31356	Lighting switch	...	...	...	...	...	...	1	-
16	31620	Dip switch	...	...	...	...	...	...	1	1
17	144921	Screw	...	...	...	...	...	...	1	1
18	534296	Plate	...	...	...	...	...	...	1	1
19	54094433	Wiring harness	...	...	...	...	...	...	1	-
19	54933224	Wiring harness	...	...	...	...	...	...	-	1
20	34289	Lighting switch, type 88SA	...	...	...	...	...	...	-	1
21	54330934	Knob c/w screw	...	...	...	...	...	...	-	1
22	34427	IGNITION SWITCH c/w KEY, TYPE 88SA	...	...	...	...	...	...	-	1
23	54336176	Ignition key	...	...	...	...	...	...	-	1
24	54336178	Ignition switch cover	...	...	...	...	...	...	-	1
25	F5431	Extended nut	...	...	...	...	...	...	-	1
26	54930007	Replacement harness socket (lighting)	...	...	...	...	...	...	-	A
27	54930008	Replacement harness socket (ignition)	...	...	...	...	...	...	-	A
28	70178	Horn, type 8H	...	...	...	...	...	...	-	1
29	E2287	Serrated washer	...	...	...	...	...	...	-	1
30	H1429	Bracket	...	...	...	...	...	...	-	1
31	F4771	Bolt ($\frac{1}{2}$ in. U.H.)	...	...	...	...	...	...	-	2
32	GS299	Serrated washer	...	...	...	...	...	...	-	2
33	70145	Horn, type HF 1950	...	...	...	...	...	...	1	-
34	H1304	Bracket	...	...	...	...	...	...	1	-
35	F5008	Screw ($\frac{7}{16}$ in. U.H.)	...	...	...	...	...	...	3	-
36	E2880	Serrated washer	...	...	...	...	...	...	3	-
37	H691	Nut	...	...	...	...	...	...	3	-
38	49072	Rectifier, type DS 506	...	...	...	...	...	...	-	1
39	S1-51	Nut	...	...	...	...	...	...	-	1

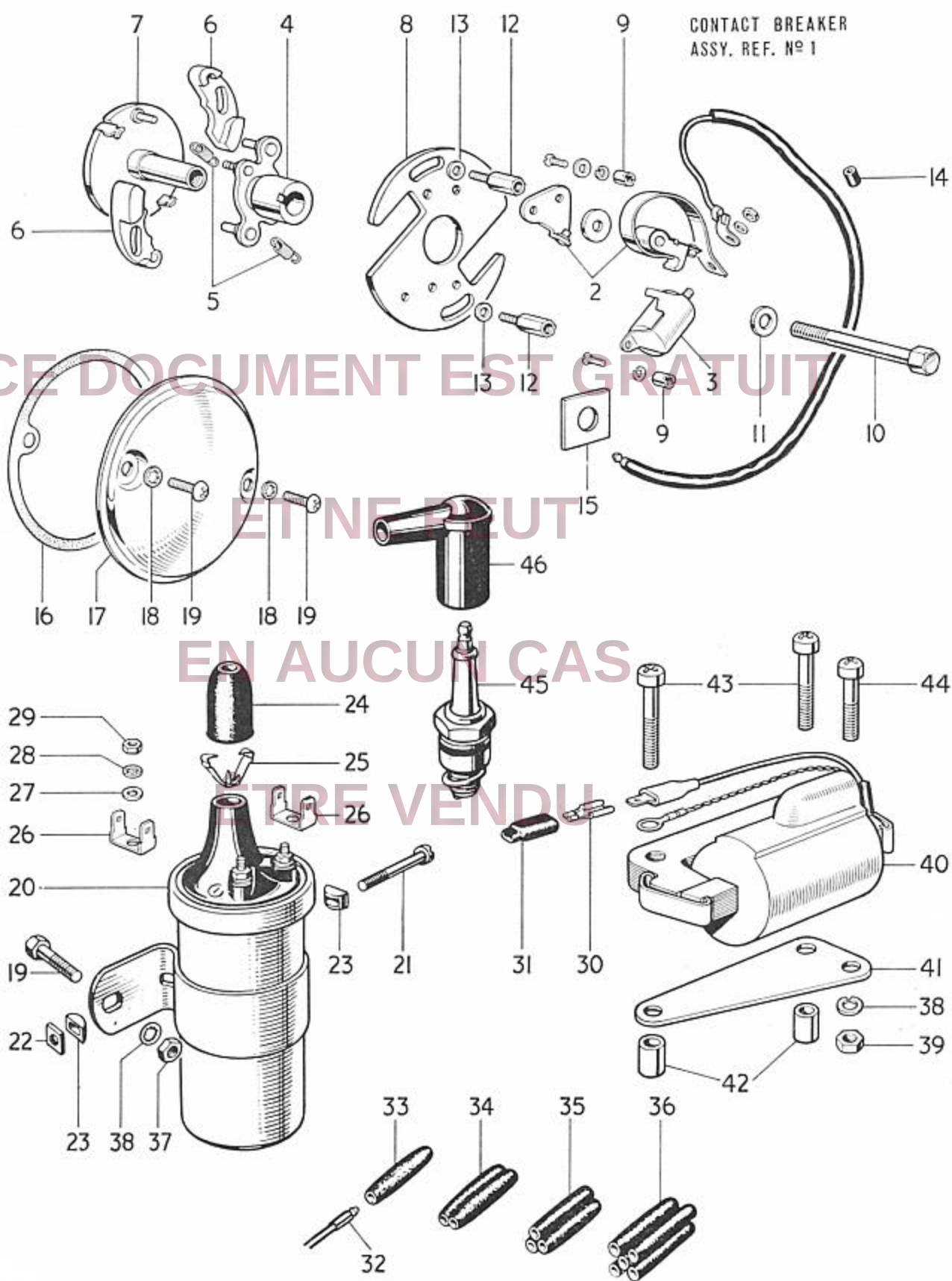


Fig. 20. CONTACT BREAKER AND IGNITION COIL

CONTACT BREAKER AND IGNITION COIL

										T20SM	T20SH
1	47621	CONTACT BREAKER, type 4CA	...	...	...	...	...	...	...	-	1
1	47624	CONTACT BREAKER, type 4CA	...	...	...	...	...	...	...	1	-
2	54415803	Contact set	...	...	...	...	...	...	...	1	1
3	425377	Condenser	...	...	...	...	...	...	...	1	1
4	54440029	Cam	...	...	...	...	...	...	...	-	1
4	54415053	Cam	...	...	...	...	...	...	...	1	-
5	425768	Spring set	...	...	...	...	...	...	...	-	1
5	54415640	Spring set	...	...	...	...	...	...	...	1	-
6	54440031	Weight	...	...	...	...	...	...	...	2	2
7	54415655	Sleeve and action plate	...	...	...	...	...	...	...	-	1
7	54415749	Sleeve and action plate	...	...	...	...	...	...	...	1	-
8	425370	Base plate	...	...	...	...	...	...	...	1	1
9	169194	Slotted nut	...	...	...	...	...	...	...	2	2
10	E5451	Bolt (2 in. U.H.)	...	...	...	...	...	...	...	1	1
11	S25-43	Plain washer	...	...	...	...	...	...	...	1	1
12	E4747	Pillar bolt ($\frac{13}{32}$ in. U.H.)	...	...	...	...	...	...	...	2	2
13	E2351	Plain washer	...	...	...	...	...	...	...	2	2
14	E4750	Grommet	...	...	...	...	...	...	...	1	1
15	E5050	Cable clip	...	...	...	...	...	...	...	1	1
16	E5049	Joint washer	...	...	...	...	...	...	...	1	1
17	E4571	Cover	...	...	...	...	...	...	...	1	1
18	GS299	Serrated washer	...	...	...	...	...	...	...	2	2
19	F4715	Screw ($\frac{11}{32}$ in. U.H.)	...	...	...	...	...	...	...	2	2
20	45152	COIL, type MA.6	...	...	...	...	...	...	...	-	1
21	100104	Clip screw	...	...	...	...	...	...	...	-	1
22	169160	Square nut	...	...	...	...	...	...	...	-	1
23	422369	"D" washer	...	...	...	...	...	...	...	-	2
24	421554	Grommet	...	...	...	...	...	...	...	-	1
25	421863	Clip	...	...	...	...	...	...	...	-	1
26	54190108	Lucar terminal	...	...	...	...	...	...	...	-	2
27	131023	Plain washer (E2351)	...	...	...	...	...	...	...	-	2
28	188330	Serrated washer (GS299)	...	...	...	...	...	...	...	-	2
29	166043	Nut (F3799)	...	...	...	...	...	...	...	-	2
30	54942078	Lucar connector	...	...	...	...	...	...	...	As required	
31	54190042	Insulating cover	...	...	...	...	...	...	...	As required	
32	900269	Snap connector terminal	...	...	...	...	...	...	...	As required	
33	900288	Single snap connector	...	...	...	...	...	...	...	As required	
34	850641	Double snap connector	...	...	...	...	...	...	...	As required	
35	850844	Triple snap connector	...	...	...	...	...	...	...	As required	
36	850832	Quintuple snap connector	...	...	...	...	...	...	...	As required	
37	DS57	Bolt ($\frac{7}{16}$ in. U.H.)	...	...	...	...	...	...	...	-	2
38	E1612	Serrated washer	...	...	...	...	...	...	...	1	2
39	F879	Nut	...	...	...	...	...	...	...	1	2
40	45149	Ignition coil, type 3 ET	...	...	...	...	...	...	...	1	-
41	F5396	Bracket	...	...	...	...	...	...	...	1	-
42	F4374	Spacer	...	...	...	...	...	...	...	2	-
43	E3800	Screw ($\frac{7}{8}$ in. U.H.)	...	...	...	...	...	...	...	2	-
44	E3668	Screw ($\frac{15}{16}$ in. U.H.)	...	...	...	...	...	...	...	1	-
45	—	Sparking plug (Champion L7)	...	...	...	...	...	...	...	1	1
46	D297	Plug cover and suppressor	...	...	...	...	...	...	...	-	1
46	D262	Plug cover	...	...	...	...	...	...	...	1	-

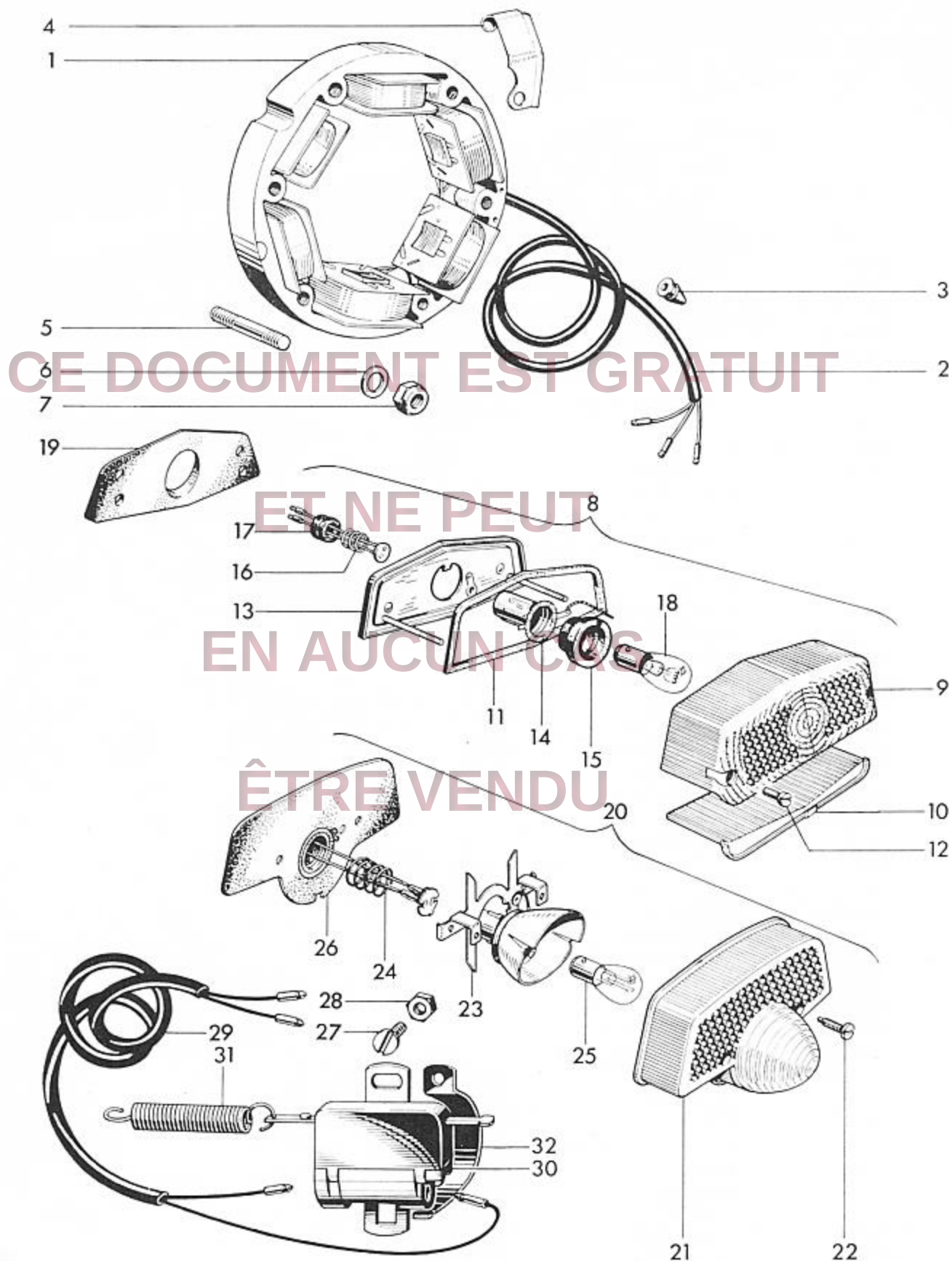


Fig. 21. STATOR, TAIL LAMP AND STOP LAMP SWITCH

STATOR, TAIL LAMP AND STOP LAMP SWITCH

			T20SM	T20SH
1	47161	STATOR, type RM18	...	1
1	47188	STATOR, type RM19	...	1
2	54942271	Stator output cable	...	1
2	54944251	Stator output cable	...	1
3	D455	Grommet	...	1
4	E4485	Clip	...	1
5	E3171	Stud (1 $\frac{5}{32}$ in. O.A.)	...	5
5	E3718	Stud (1 $\frac{5}{16}$ in. O.A.)	...	5
6	E3302	Plain washer	...	4
6	S25-13	Plain washer	...	5
7	E5269	Self-locking nut	...	5
8	53394	STOP AND TAIL LAMP, Type 564	...	1
9	573839	Lens	...	1
10	575200	Window	...	1
11	575208	Lens seating gasket	...	1
12	575219	Sleeve nut	...	2
13	576002	Base assembly	...	1
14	575209	Bulbholder	...	1
15	575207	Grommet	...	1
16	573828	Contact assembly	...	1
17	573825	Grommet	...	1
18	352	Bulb (3/18W. Offset pin)	...	1
19	F6437	Adaptor wedge	...	1
20	53972	STOP AND TAIL LAMP TYPE, L.679	...	1
21	54572932	Lens	...	1
22	572289	Screw	...	2
23	54574348	Bulbholder with reflector	...	1
24	573828	Contact assembly	...	1
25	384	Bulb (6/18W. Offset pin)	...	1
26	54571677	Gasket	...	1
27	H687	Bolt ($\frac{3}{8}$ in. U.H.)	...	1
28	H745	Nut	...	1
29	54941045	Stop switch lead	...	1
30	31437	Stop lamp switch	...	A
31	315738	Stop lamp switch spring	...	1
32	F4114	Switch bracket	...	1

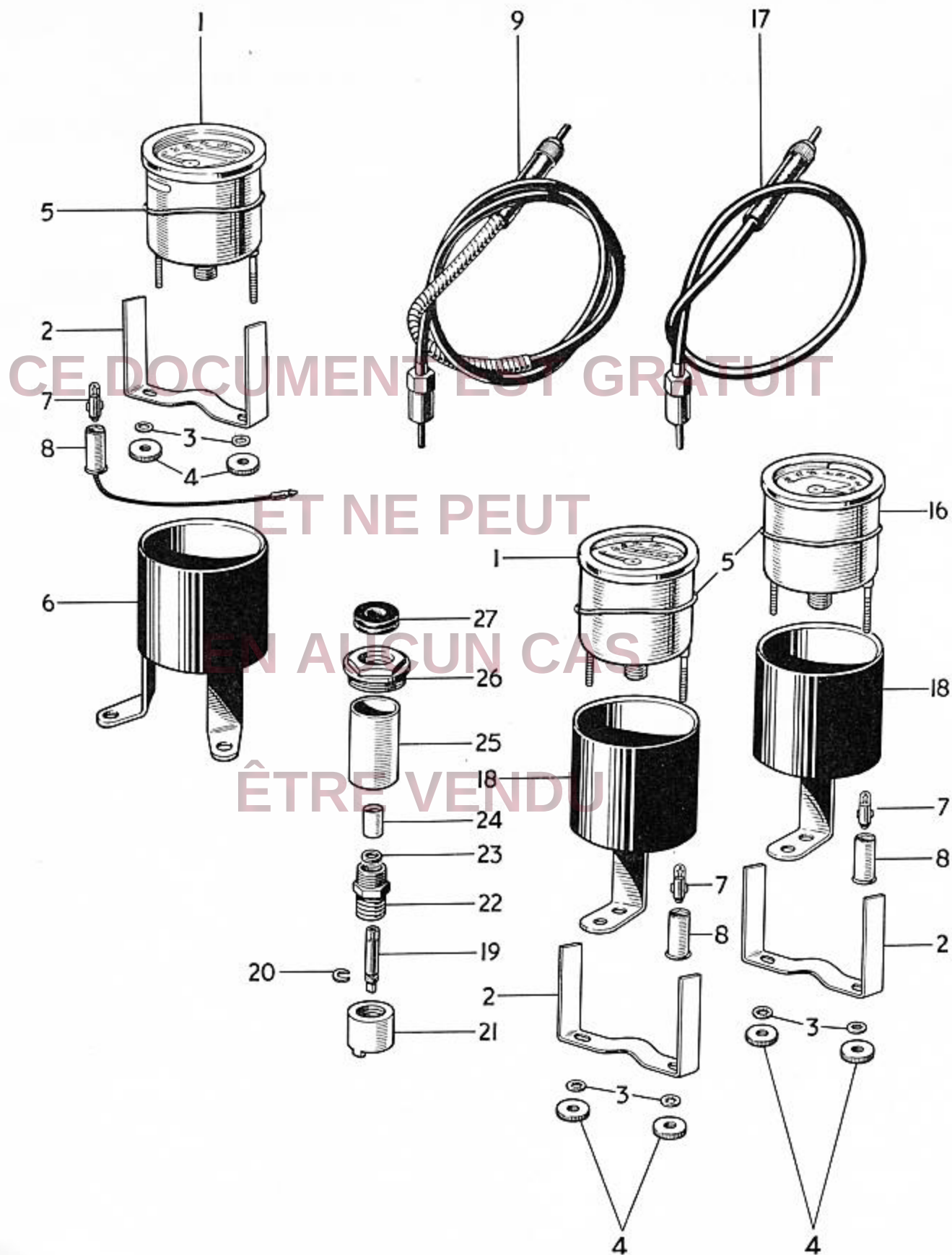


Fig. 22. SPEEDOMETER AND TACHOMETER EQUIPMENT

SPEEDOMETER AND TACHOMETER EQUIPMENT

SPEEDOMETER EQUIPMENT ONLY

T20SM T20SH

1	SSM2001/00	SPEEDOMETER 80 M.P.H....	...	...	...	...	...	...	...	1	1
1	SSM2001/03	SPEEDOMETER 140 K.P.H.	...	...	...	...	...	...	...	A	A
2	31-647-187-01	Fixing strap	...	...	...	...	...	...	...	1	1
3	30-283-014-11	Serrated washer	...	...	...	...	...	...	...	2	2
4	30-271-014-11	Nut	...	...	...	...	...	...	...	2	2
5	31-753-720	Rubber ring	...	...	...	...	...	...	...	1	1
6	H1468	Speedometer cover	...	...	...	...	...	...	...	1	1
7	282	Bulb 0-6W BA7S	...	...	...	...	...	...	...	1	1
8	54935300	Bulbholder	...	...	...	...	...	...	...	1	1
9	D634	Speedometer cable (61 ins. long)	...	...	...	...	...	...	...	1	1
TACHOMETER EQUIPMENT ONLY											
16	RSM2002/00	TACHOMETER HEAD 10,000 R.P.M.	...	...	...	...	...	...	...	1	1
2	31-647-187-01	Fixing strap	...	...	...	...	...	...	...	1	1
3	30-283-014-11	Serrated washer	...	...	...	...	...	...	...	2	2
4	30-271-014-11	Nut	...	...	...	...	...	...	...	2	2
5	31-753-720	Rubber ring	...	...	...	...	...	...	...	1	1
6	H1468	Tachometer cover	...	...	...	...	...	...	...	1	1
7	282	Bulb 0-6W BA7S	...	...	...	...	...	...	...	1	1
8	54935300	Bulbholder	...	...	...	...	...	...	...	1	1
17	D529	Tachometer cable	...	...	...	...	...	...	...	1	1
COMBINED SPEEDOMETER AND TACHOMETER EQUIPMENT											
1	SSM2001/00	SPEEDOMETER 80 M.P.H....	...	...	...	...	...	...	...	1	1
1	SSM2001/03	SPEEDOMETER 140 K.P.H.	...	...	...	...	...	...	...	A	A
16	RSM2002/00	TACHOMETER HEAD	...	...	...	...	...	...	...	1	1
2	31-647-187-01	Fixing strap	...	...	...	...	...	...	...	2	2
3	30-283-014-11	Serrated washer	...	...	...	...	...	...	...	4	4
4	30-271-014-11	Nut	...	...	...	...	...	...	...	4	4
5	31-753-720	Rubber ring	...	...	...	...	...	...	...	2	2
18	H1605	Instrument cover	...	...	...	...	...	...	...	2	2
7	282	Bulb 0-6W BA7S	...	...	...	...	...	...	...	2	2
8	54935300	Bulbholder	...	...	...	...	...	...	...	2	2
9	D490	Speedometer cable	...	...	...	...	...	...	...	1	1
17	D529	Tachometer cable	...	...	...	...	...	...	...	1	1
TACHOMETER DRIVE AT CRANKCASE											
19	D493	Tachometer cable spade	...	...	...	...	...	...	...	1	1
20	D494	Retaining washer	...	...	...	...	...	...	...	1	1
21	E4692	Adaptor for crankcase	...	...	...	...	...	...	...	1	1
22	E5667	UNION	...	...	...	...	...	...	...	1	1
23	E4803	"O" Ring	...	...	...	...	...	...	...	1	1
24	E5669	Nylon bush	...	...	...	...	...	...	...	1	1
25	E4691	Spacer	...	...	...	...	...	...	...	1	1
26	E4690	Plug	...	...	...	...	...	...	...	1	1
27	F5332	Grommet	...	...	...	...	...	...	...	1	1

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HANDLEBAR — GROUP 18

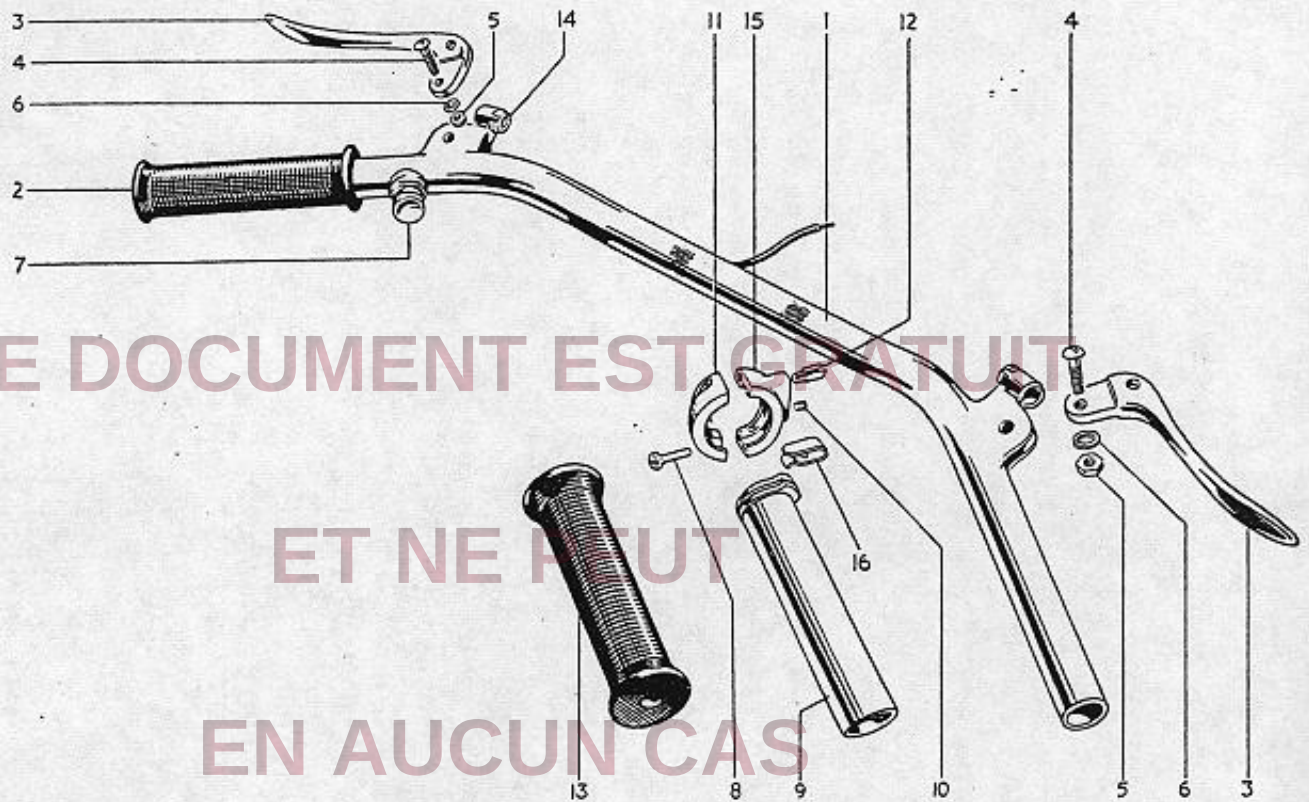


FIG. 14. HANDLEBAR AND COMPONENTS.

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4	100,006	44	24	13	16,070	46	17
5	18,717	44	26	14	70,005	44	27
6	70,016	44	25	15	366,002	46	12
7	H886	51	33	16	366,007	46	14
8	376,079	46	16				

MODEL T20S

REF. No.	PART No.	DESCRIPTION	QUANTITY
1	H1053	Cap, wheel spindle	2
2	S26-3	Washer, spring	4
3	H1070	Bolt, spindle cap	4
4	H1071	Plug, drain	2
5	H430	Washer, fibre	2
6	H1063	Bolt, restrictor to bottom lug	2
7	H1062	Washer, aluminium	2
8	H1126	Sleeve, bottom member	2
9	H441	Bearing, bottom member	2
10	H1194	Sleeve, assembly, dust excluder	2
11	H1168	Oil seal	2
12	H1124	Restrictor rod assembly	2
13	H1061	Rod, restrictor	2
14	H1060	Washer, spring support	2
15	H1125	Tube, lower guide	2
16	H1127	Spring, main (identification YELLOW)	2
17	H1064	Cap nut assembly	2
18	H1051	Tube, upper guide	2
19	H1066	Pin, tube to nut	2
20	H1065	Nut, stanchion cap	2
21	H1261	Cover, top c/w headlamp bracket, L.H.	1
22	H1262	Cover, top c/w headlamp bracket, R.H.	1
23	H1281	Cover, top L.H. and R.H. (less brackets)	A
24	H962	Gaiter, telescopic	2
25	D340	Clip, gaiter	2
26	H660	"U" bolt, handlebar	2
27	S25-3	Washer, plain	4
28	E1310	Nut, "U" bolt	4

WHEELS — GROUP 8

29	W1349	Wheel, front complete	1
30	W1350	Spindle, front wheel... ..	1
31	W1353	Plate, front brake anchor	1
32	W1351	Sleeve, front wheel spindle... ..	2
33	W1356	Wheel, rear complete	1
34	W984	Sprocket, 48 teeth	1

MODEL T20S

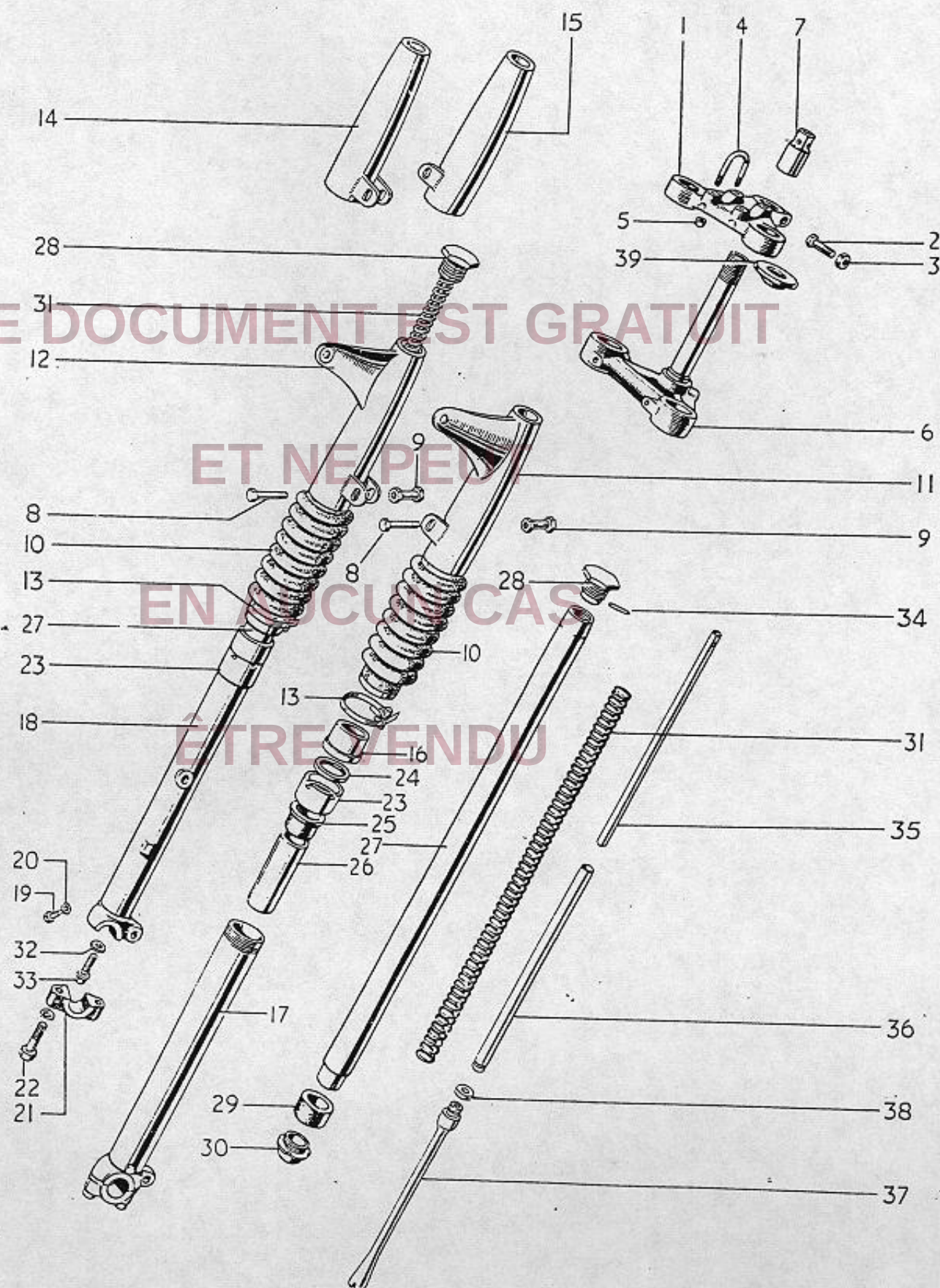


FIG. 16. TELESCOPIC FRONT FORK. T20S.

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3	H379	56	24
4	H660	57	26
5	E1310	57	28
6	H1257	56	18
7	H1260	56	25
8	H941	56	19
9	H975	56	21
10	H962	57	24
11	H1261	57	21
12	H1262	57	22
13	D340	57	25
14	H1281	57	23
15	H1281	57	23
16	Not supplied separately.		
17	H1117	56	29
18	H1118	56	30
19	H1071	57	4
20	H430	57	5
21	H1053	57	1
22	H1070	57	3
23	H1194	57	10
24	H1168	57	11
25	H441	57	9
26	H1126	57	8
27	H1280	56	26
28	H1065	57	20
29	H443	56	27
30	H1058	56	28
31	H1127	57	16
32	H1062	57	7
33	H1063	57	6
34	H1066	57	19
35	H1051	57	18
36	H1125	57	15
37	H1061	57	13
38	H1060	57	14
39	Steering races	Page 27	

MODEL T20S

REF. No. PART No.

DESCRIPTION

QUANTITY

MUDGUARDS — GROUP 9

1	H1269	Mudguard, front	...	...	...	...	...	...	1
2	H1271	Stay, front	...	...	...	...	...	...	1
3	H1270	Bridge, mudguard support	...	...	...	...	...	...	1
4	H1273	Stay, lower	...	...	...	...	...	...	1
5	F2335	Bolt, bridge and stay to fork leg	...	...	...	...	...	...	2
6	S25-3	Washer, plain	...	...	...	...	...	...	2
7	F929	Bolt, lower stay to fork leg	...	...	...	...	...	...	2
8	S25-3	Washer, plain	...	...	...	...	...	...	2

TOOLBOX AND AIR FILTER — GROUP 13

9	F4550	Air filter (retained by oil tank bolts)	...	...	...	...	...	...	1
10	F3858	Connection (rubber) carburetter to filter	...	...	...	...	...	...	1
11	F3859	Clip, connection	...	...	...	...	...	...	1

PETROL AND OIL TANK — GROUP 15

12	F4572	Oil tank, less fittings	...	...	...	...	...	...	1
----	-------	-------------------------	-----	-----	-----	-----	-----	-----	---

HANDLEBARS — GROUP 18

13	H1266	Handlebar bend only	...	...	...	...	...	...	1
14	18/935	Lever, assembly, front brake c/w adjuster	...	...	...	...	...	...	1

CONTROL CABLES — GROUP 19

15	D429	Cable assembly, front brake	...	...	...	...	...	...	1
16	D368	Nipple, handlebar end	...	...	...	...	...	...	1
17	D420	Throttle cable	...	...	...	...	...	...	1
18	12/083	Ferrule, casing	...	...	...	...	...	...	3
19	D104	Adjuster, throttle cable	...	...	...	...	...	...	1
20	6/132A	Ferrule, at carburetter	...	...	...	...	...	...	1
21	NS.191	Nipple, at carburetter	...	...	...	...	...	...	1

LUCAS ELECTRICAL EQUIPMENT — GROUP 22

22	54021002	Alternator assembly	...	...	...	...	...	...	1
23	45112A	Coil (Type 2 ET)	...	...	...	...	...	...	1
24	F3477	Distance tube, coil	...	...	...	...	...	...	2
25	T1401	Screw, coil fixing	...	...	...	...	...	...	2
26	E1612	Washer, shakeproof	...	...	...	...	...	...	2
27	F879	Nut	...	...	...	...	...	...	2
28	40664A	Distributor (Type 15DI)	...	...	...	...	...	...	1
29	58395A	Headlamp (Type M.C.H.66)	...	...	...	...	...	...	1
30	166 —	Bulb 6v 24, 24 Watt, Prefocus	...	...	...	...	...	...	1

REF. No.	PART No.	DESCRIPTION	QUANTITY
1	54094090	Wiring harness	2
2	76204	Horn push (type 4A)	1
3	76204	Cut-out button (type 4A)	1
4	53428	Tail lamp (type 529)	1
5	951	Bulb 6v 6W M.B.C.	1
6	70145	Horn (type H.F. 1950)	1
7	F4546	Bracket, horn (retained by coil fixing screw)	1
8	H688	Screw, horn to bracket	1
9	E2880	Washer, shakeproof	1
10	H691	Nut	1

CARBURETTER — GROUP 23

11	376/217	Carburetter, $\frac{1}{8}$ in. choke less float chamber	1
12	376/031	Body, mixing chamber	1
13	376/055	Block, jet	1
14	376/067	Washer, jet block	1
15	376/070	Peg, jet block locating	1
16	376/155	Top, mixing chamber	1
17	376/065	Cap ring, mixing chamber	1
18	29/308	Spring, mixing chamber cap	1
19	4/241	Screw, cap spring	1
20	376/060	Valve, throttle (3 cutaway)	1
21	376/061	Spring, throttle valve	1
22	376/063	Needle, throttle valve	1
23	4/230	Clip, needle	1
24	376/072	Jet, needle (.106)	1
25	376/100	Jet main (140)	1
26	376/140	Holder, main jet	1
27	376/074	Washer, jet holder	2
28	376/075	Nut, main jet cover	1
29	376/076	Jet pilot (20)	1
30	376/095	Nut, pilot jet cover	1
31	116/162	Washer, cover nut	1
32	332/017	Screw, air adjusting	1

MODEL T20S

REF. No.	PART No.	DESCRIPTION	QUANTITY
1	4/148	Spring, air adjusting screw	1
2	376/068	Screw, throttle stop	1
3	376/069	Spring, stop screw	1
4	376/077	Cover, side	1
5	376/078	Washer, cover joint	1
6	376/151	Screw, cover-fixing	3
7	376/141	Banjo, petrol inlet	1
8	14/620	Float chamber complete	1
9	14/363	Body, float chamber	1
10	14/034	Cover, float chamber	1
11	14/366	Needle, float	1
12	14/017	Float	1
13	161/054	Clip, float needle	1
14	14/209	Tickler	1
15	14/210	Stop, tickler	1
16	14/289	Cotter, tickler	1
17	14/032	Spring, tickler	1
18	14/219	Union, outlet...	1
19	14/336	Washer, fibre	1
20	14/035	Banjo, petrol inlet	1
21	14/037	Washer, fibre	2
22	14/369	Nut, banjo	1
23	E3989	Rod, mounting (14/370)	1
24	H745	Nut, mounting rod (81/027)	3
25	E3987	Flexible mounting	1
26	E4054	Screw, mounting to frame	2
27	E4053	Washer, spring	2
28	T1017	Nut	2

CARBURETTER FITTINGS

29	E4051	Joint washer, adaptor to head	1
30	E1987	Stud, adaptor to head	2
31	E3986	Adaptor, carburetter to head	1
32	S25-3	Washer, plain	

MODEL T20S

REF. No.	PART No.	DESCRIPTION	QUANTITY
----------	----------	-------------	----------

1	W103	Nut, adaptor stud	2
2	244/1048	"O" ring, carburetter to adaptor	1
3	E4052	Bolt, carburetter to adaptor	2
4	S25-3	Washer, plain	2
5	F4542	Pipe, float chamber to carburetter	1
6	E4035	Clip, pipe to union	2
7	F4553	Pipe assembly, tank to float chamber	1
8	F4554	Pipe, flexible	1
9	F3353	Elbow, obtuse	1
10	F3335	Elbow 90°	1
11	F3337	Nut union	1
12	E4035	Clip, pipe to union	2

SPEEDOMETER — GROUP 24

13	H1264	Bracket speedometer (retained by handlebar bolts) ...	1
14	SC.1102/11	Speedometer 80 m.p.h.	1
15	SC.1102/12	Speedometer 140 k.p.h.	A

CHAINS — GROUP 27

16	D430	Chain, rear 11004 $\frac{1}{2}$ in. $\times$ $\frac{3}{16}$ in. $\times$ 113 links	1
----	------	---	---

CONDITIONS OF GUARANTEE

If a defective part or accessory should be found in our motorcycles, motorcycle combinations or sidecars, or in any part or accessory supplied by way of exchange as before provided, it must be sent to us CARRIAGE PAID and accompanied by an intimation from the owner that he desires to have it repaired or exchanged free of charge under our guarantee, and he must also furnish us at the same time with the frame number of the machine, the date of purchase or the date when the alleged defective part or accessory was exchanged as the case may be. Failing compliance with the above, such articles will lie here at THE RISK OF THE OWNER, and this guarantee and any implied guarantee, warranty or condition shall not be enforceable.

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Any motorcycle, motorcycle combination or sidecar sent to us to be plated, enamelled or repaired will be repaired upon the following conditions, i.e., we guarantee that all precautions which are usual and reasonable have been taken by us to secure excellence of materials and workmanship, such guarantee to extend and be in force for three months only from the time such work shall have been executed, and this guarantee is in lieu and in exclusion of all conditions and warranties statutory or otherwise, and all liabilities whatsoever and the damages recoverable are limited to the cost of any further work which may be necessary to amend and make good the work found to be defective.

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„ 2. Mainshaft and layshaft gears	14
„ 3. Clutch and shock absorber unit... ..	17
„ 4. Frame and components	20
„ 5. Telescopic front fork	22
„ 6. Telescopic front fork T20C	24
„ 7. Front wheel	28
„ 8. Rear wheel... ..	30
„ 9. Mudguard, number plates and rear chainguard	34
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„ 11. Toolbox, battery carrier and air cleaner	39
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„ 15. Zenith carburetter	52
„ 16. Telescopic front fork T20S	58

To assist the owner and dealer in identifying requirements, this book contains numerous exploded views of the major assemblies. Each component part on the illustration is numbered, and by cross reference to the appropriate index, the part number of the component will be found. Against each part number a page and reference number is shown and by referring to the appropriate page, the full description of the part will be found against the reference number.

EXAMPLE.

To find the part number of the cylinder head gasket :

1. Refer to the illustration index above, where it will be found that the engine is illustrated on page 10.
2. Note that the number of the gasket in the illustration is 10.
3. Refer to the index on page 11.
4. Note that illustration number 9 is part number E3217 listed on page 6, line 11.

*Tournez s'il vous plait.
Véase al dorso.
Bitte wenden.*

MANIÈRE D'IDENTIFIER LA PIÈCE DE RECHANGE REQUISE

Afin d'assister MM. les marchands et MM. les possesseurs à l'identification des pièces de rechange, ce livre contient de nombreuses illustrations des montages principaux en façon de "perspectives éclatées".

Chaque pièce composante a l'illustration est numérotée ; en se référant à l'index approprié on peut trouver le numéro relatif.

A côté de chaque pièce illustrée se trouve le numéro de la page et le numéro de référence ; en se référant à la page appropriée la description complète de la pièce sera facilement constatée.

Exemple.

Pour identifier le numéro de référence du joint de culasse :

1. Se référer à la page intitulée "Index to Illustrations" où on trouvera que le moteur est illustré sur la page 10.
2. Noter qu'à côté du joint de culasse se trouve le numéro 10.
3. Se référer à l'index donné sur la page numéro 11.
4. On y constatera que suivant le numéro 9 se trouve :
 - (a) le numéro relatif—E.3217
 - (b) le numéro de la page d'index—6
 - (c) la ligne de référence—11.

ET NE PEUT

MANERA DE ENCONTRAR LA PIEZA DESEADA

Para ayudar al propietario y al representante en la identificación de las piezas deseadas este libro contiene numerosas ilustraciones de los principales montajes.

Cada pieza componente en la ilustración está numerada y al referirse al índice apropiada, se encontrará el número de la pieza.

Contra el número de cada pieza se muestra el número de referencia, y al referirse a la página apropiada a descripción completa de cada pieza se encontrará contra el número de referencia.

Ejemplo.

Para encontrar el número de pieza de la empaquetadura de la culata de cilindro :

1. Referirse a la página "Index to Illustrations" donde se verá que la ilustración del motor está en la página 10.
2. Nótese que el número de la empaquetadura en la ilustración es 10.
3. Referirse al índice de la ilustración en cuestión en la página 11.
4. Nótese que no. 9 es pieza número E.3217 en la lista de la página 6, línea de referencia no. 11.

ANWEISUNG ZUR IDENTIFIZIERUNG BENÖTIGTER ERSATZTEILE

Dieses Buch enthält zahlreiche Zerlege-Abbildungen der Hauptzusammenstellungen, um dem Besitzer und dem Verteiler beim Identifizieren seiner Förderungen zu helfen. Jedes Teil auf der Abbildung ist mit einer Nummer versehen, und die Bestandteilnummer wird durch Nachschlagen des bezüglichen Verzeichnisses gefunden. Mit jeder Teilnummer ist die Seite und die Referenznummer gegeben, und durch Nachschlagen der bezüglichen Seite wird die vollständige Beschreibung des Teiles unter der Referenznummer gefunden.

Zum Beispiel.

Um die Nummer der Zylinderkopfdichtung zu finden :

1. Schlagen Sie das Abbildungsverzeichnis, oben, nach, wo es gefunden wird, dass die Maschine auf Seite 10 abgebildet ist.
2. Merken Sie, dass Nr. 10 ist die Nummer der Dichtung auf der Abbildung.
3. Schlagen Sie das Verzeichnis auf Seite 11, nach.
4. Merken Sie, dass die Abbildungsnummer 9 ist die Teilnummer E.3217, eingetragen auf Seite 6, Zeile 11.

TRIUMPH TIGER CUB

REPLACEMENT PARTS

CATALOGUE No. 6

for

Models T20, T20C and T20S

(For T20S see Page 56)

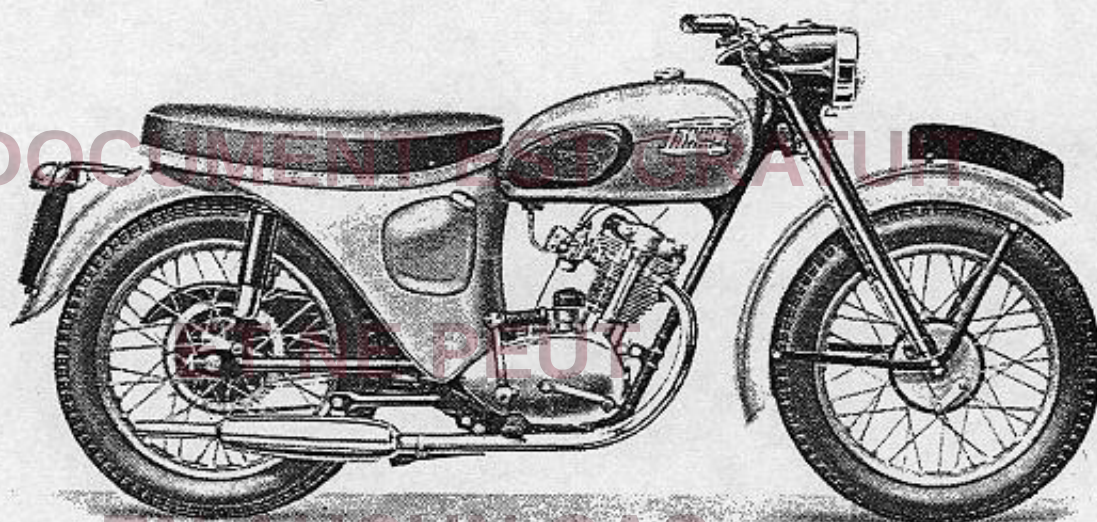
From Engine No. 45312

TRIUMPH ENGINEERING CO. LTD.

Meriden Works, Allesley
COVENTRY.

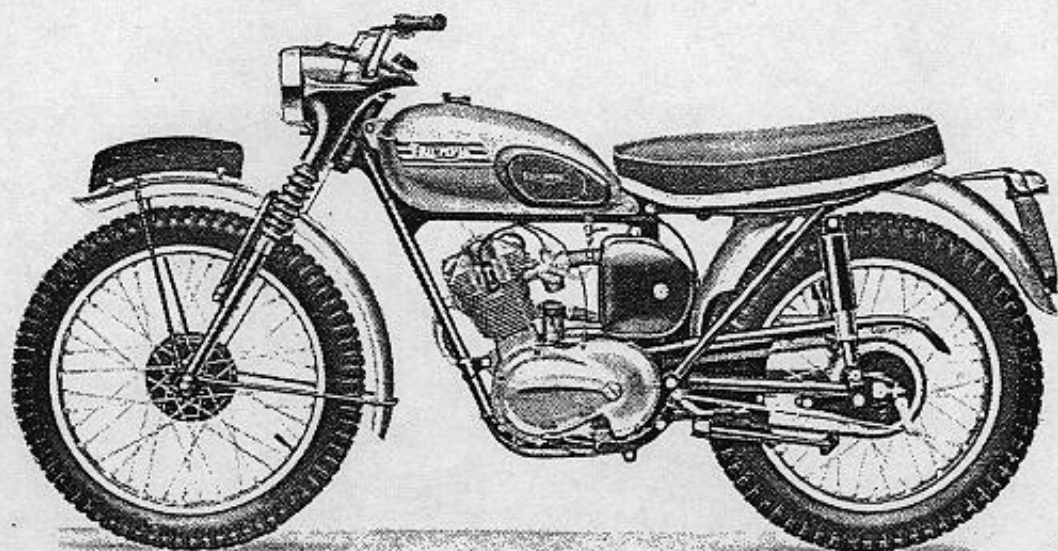
TRIUMPH

TIGER CUB



MODEL T20

ÊTRE VENDU



MODEL T20C

CARTON PACK — GROUP 1

CARTON PACK — GROUP 1

The following sub-assemblies are supplied in carton packs under the C.P. part number stated. The contents of these carton packs are preserved and will not deteriorate under adverse conditions.

Part No.

Description and Contents

Big End Assembly

CP.155	...	1	...	E3624	...	...	...	Connecting rod c/w bushes
		1	...	E3600	...	...	...	Crankpin c/w plug

Brake linings

CP.128	...	2	...	W978	...	...	...	Linings
		14	...	W979	...	...	...	Rivets

Piston Assembly

CP.141	...	1	...	E3358	...	...	...	Piston body
		1	...	E3380	...	...	...	Ring, chrome compression
		1	...	E656	...	...	...	Ring, compression
		1	...	E3387	...	...	...	Ring, scraper
		1	...	E1750	...	...	...	Pin, gudgeon
		2	...	E1767	...	...	...	Circlip, gudgeon pin

Piston Rings

CP.150	...	1	...	E3380	...	...	...	Ring, chrome compression
		1	...	E656	...	...	...	Ring, compression
		1	...	E3387	...	...	...	Ring, scraper

Steering Races

CP.129	...	2	...	H835	...	...	...	Cup, steering race
		2	...	H833	...	...	...	Cone, steering race
		30	...	S70-3	...	...	...	Ball, steering race

Valves

CP.124	...	1	...	E3146	...	...	...	Valve, inlet
		1	...	E3147	...	...	...	Valve, exhaust

Valve Guides

CP.122	...	2	...	E3208	...	...	...	Valve guide, inlet and exhaust
		2	...	E3209	...	...	...	Circlip

Valve Springs

CP.123	...	2	...	E3214	...	...	...	Spring, valve inner
		2	...	E3215	...	...	...	Spring, valve outer

For Indexes see Pages 66 to 68

GROUP 2 — ENGINE

REPLACEMENT PARTS

REF. No.	PART No.	DESCRIPTION	QUANTITY
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ENGINE — GROUP 2

Illustrated on Page 10—Fig. 1

CYLINDER BARREL

T20 T20C

1	E3385	Barrel, cylinder ...	1	1
2	E3386	Dowel, cylinder barrel to head ...	2	2
3	E4037	Washer, cylinder base ...	1	1

PISTON

4	CPI41	Piston c/w rings, gudgeon pin, etc. ...	1	1
5	E656	Ring, compression (top) ...	1	1
6	E3048	Ring, compression (taper) ...	1	1
7	E3387	Ring, oil control ...	1	1
8	E1750	Pin, gudgeon ...	1	1
9	E1767	Circlip, gudgeon pin ...	2	2

CYLINDER HEAD

10	E4078	Head, cylinder c/w guides and adaptor ...	1	1
11	E3217	Gasket, cylinder head ...	1	1
12	E3207	Adaptor, cylinder head exhaust ...	1	1
13	E3210	Stud, rocker inspection cover ...	2	2
14	E3171	Stud, cylinder head to carburettor ...	2	2
15	E3230	Nut, cylinder head to barrel ...	4	4
16	E3446	Washer, cylinder head to barrel ...	4	4

OVERHEAD ROCKERS, COVERS

17	E3251	Rocker, inlet assembly ...	1	1
18	E3252	Rocker, exhaust assembly ...	1	1
19	E3222	Ball pin, rocker ...	2	2
20	E3223	Adjuster, rocker ...	2	2
21	GS662	Locknut, rocker adjuster pin ...	2	2
22	E3225	Spindle, rocker inlet and exhaust ...	2	2
23	E3253	Sealing ring, rocker spindle ...	2	2
24	E2534	Thrust washer, rocker spindle L.H.— $\frac{7}{16}$ " ...	4	4
25	E2594	Thrust washer, rocker spindle R.H.— $\frac{3}{8}$ " ...	2	2
26	E3224	Thackeray washer, washer, rocker spindle (spring) ...	2	2
27	E3227	Cover, rocker inlet inspection ...	1	1
28	E3228	Cover, rocker exhaust inspection ...	1	1
29	E3226	Washer, rocker cover joint ...	2	2
30	E3290	Nut, rocker cover to head ...	2	2
31	E2441	Washer, rocker cover to head nut ...	2	2

ENGINE — GROUP 2

REF. No.	PART No.	DESCRIPTION	QUANTITY
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VALVES, GUIDES & SPRINGS

T20 T20C

1	E3146	Valve, inlet	...	...	...	...	...	1	1
2	E3147	Valve, exhaust	...	...	...	...	...	1	1
3	E3208	Guide, inlet and exhaust	...	...	...	...	...	2	2
4	E3209	Circlip, inlet and exhaust guide	...	...	...	...	...	2	2
5	E3214	Spring, valve inner	...	...	...	...	...	2	2
6	E3215	Spring, valve outer	...	...	...	...	...	2	2
7	E3301	Collar, valve spring top	...	...	...	...	...	2	2
8	E3213	Cup, valve spring bottom	...	...	...	...	...	2	2
9	WE259A	Cotter, valve split	...	...	...	...	...	4	4

PUSH RODS AND COVER

10	E3372	Rod, push	...	...	...	...	...	2	2
11	E3537	Cover, push rod	...	...	...	...	...	2	1
12	E3172	Peg, cover to crankcase locating	...	...	...	...	...	1	1
13	E3540	Washer, push rod cover joint (upper)	...	...	...	...	...	1	1
14	E3391	Washer, push rod cover joint (lower)	...	...	...	...	...	1	1

TAPPETS

15	E3285	Tappet	...	...	...	...	...	2	2
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ROCKER OIL PIPE

16	E3244	Pipe, rocker oil	...	...	...	...	...	1	1
17	H400	Nut, rocker oil pipe to spindle	...	...	...	...	...	2	2
18	E1335	Washer, rocker oil pipe inner joint	...	...	...	...	...	2	2
19	E3249	Washer, rocker oil pipe outer joint	...	...	...	...	...	2	2
20	E3383	Connection, oil tank to oil pipe (Rubber)	...	...	...	...	...	1	1

FLYWHEELS AND CONNECTING ROD

21	E3909	Flywheels and connecting rod assembly	...	...	...	...	...	1	1
22	E3910	Flywheels c/w mainshaft L.H.	...	...	...	...	...	1	1
23	E3598	Flywheels c/w plugs R.H.	...	...	...	...	...	1	1
24	E3420	Plug, R.H. Flywheel	...	...	...	...	...	2	2
25	E3624	Rod, connecting with bushes	...	...	...	...	...	1	1
26	E3623	Bush, big end	...	...	...	...	...	1	1
27	E1762	Bush, small end	...	...	...	...	...	1	1
28	E3600	Crankpin c/w plugs	...	...	...	...	...	1	1
29	E3292	Plug, crankpin	...	...	...	...	...	2	2

GROUP 2 — ENGINE

REF. No.	PART No.	DESCRIPTION	QUANTITY
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T20 T20C

CRANKCASE

1	E3930	Crankcase assembly c/w bushes	1	1
2	E3365	Stud, crankcase to cylinder head	4	4
3	E3171	Stud, crankcase to oil pipe junction block	1	1
4	T989	Dowel, crankcase to R.H. inner cover	2	2
5	E3169	Dowel, crankcase to oil junction block	1	1
6	E3560	Pipe, crankcase oil return	1	1
7	T1076	Screw, crankcase oil return pipe	1	1
8	E2615	Plug, crankcase oil gauge test hole	1	1
9	E1335	Washer, crankcase plug	1	1

CRANKCASE BEARINGS (ENGINE)

10	E3655	Bearing, R.H. (Plain)	1	1
11	E3172	Peg, R.H. bearing	1	1
12	E3175	Bush, camshaft	1	1
13	E3518	Bush, distributor and oil pump shaft	1	1
14	E3152	Bearing, L.H. (Ball journal)	1	1
15	E3379	Oil Seal, L.H. Bearing	1	1

TIMING GEARS AND CAMSHAFT

16	E4079	Pinion, timing and distributor drive	1	1
17	E3421	Bolt, timing and distributor pinion $1\frac{29}{32}$ in U.H.	1	1
18	E3185	Pinion, camshaft (50T)	1	1
19	E3184	Key, camshaft pinion	1	1
20	E3183	Camshaft, inlet and exhaust	1	1
21	E3186	Pinion and shaft, distributor and oil pump drive	1	1

OIL PUMP

22	E3393	Oil pump assembly	1	1
23	E3409	Body, oil pump	1	1
24	E3410	Plunger, oil feed	1	1
25	E3194	Plunger, oil scavenge	1	1
26	E3195	Rod, connecting drive	1	1
27	E3412	Pin, connecting drive rod	1	1
28	E3413	Circlip, connecting drive rod	1	1
29	S70-4	Ball, oil pump body	2	2
30	E3191	Spring, oil pump body and auxiliary valves	4	4
31	T1124	Ball, auxiliary valve	2	2

ENGINE — GROUP 2

REF. No.	PART No.	DESCRIPTION	QUANTITY	
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			T20	T20C
1	E3192	Plug, oil pump body	2	2
2	E3197	Bolt, oil pump to crankcase $\frac{1}{8}$ in. U.H.	2	2
3	GS299	Lockwasher, oil pump to crankcase (serrated)	2	2
4	E3188	Washer, oil pump to crankcase joint	1	1

CRANKCASE FILTER

5	E3177	Filter, crankcase	1	1
6	E3176	Spring, crankcase filter	1	1
7	E3302	Washer, crankcase filter spring	1	1
8	E1564	Cap, crankcase filter	1	1
9	E1577	Washer, crankcase filter joint	1	1

INNER COVER, LEFT SIDE

10	E3915	Cover, crankcase inner c/w dowels	1	1
11	E1492	Dowel, inner cover to crankcase front	1	1
12	T989	Dowel, inner cover to outer cover rear	1	1
13	E3932	Sealing washer, gearbox shaft (rubber)	1	1
14	E3933	Backing washer, sealing washer	1	1
15	E3204	Screw, inner cover to crankcase 1 in. U.H.	1	1
16	E3445	Screw, inner cover to crankcase $\frac{1}{8}$ in. U.H.... ..	2	2
17	DS57	Plug, oil level and drain... ..	2	2
18	WE170	Washer, oil level and drain plugs	2	2

ENGINE SPROCKET

19	E3912	Engine sprocket, 19 teeth Duplex	1	1
20	E3913	Distance piece sprocket and rotor	1	1

OUTER COVER, LEFT SIDE

21	E3917	Cover, L.H. outer	1	1
22	E3579	Washer, cover joint	1	1
23	E3914	Screw, outer cover, $1\frac{3}{4}$ in. U.H.	4	4
24	E3205	Screw, outer cover, $1\frac{1}{2}$ in. U.H.	2	2
25	E3200	Screw, outer cover, $\frac{1}{8}$ in. U.H.	2	2
26	E3204	Screw, outer cover, 1 in. U.H.	1	1
27	E2386	Domed nut, middle screws	2	2
28	E2441	Washer, copper	2	2
29	E732	Plug, oil filler	1	1
30	NE507	Washer, oil filler plug	1	1