

# SERVICE INFORMATION



## STANDARD AND TRIUMPH VEHICLES

### (NOT FOR PUBLICATION)

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No.	SPORTS/2/Q	SPECIALISED TOOLS	Date	NOVEMBER 1954
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A list of Specialised tools is attached for servicing this Model. It should be noted that a number of these tools also apply to other Models and may be already in your possession.

Many of the tools are obtainable from Messrs. V.L. Churchill & Co. Ltd's stock, but a few have only recently been approved and there will be a little delay before they become available.

The prefix numbers for the Various types indicate the Models on which the tools can be used, but with the exception of TS1, which is applicable only to the Triumph T.R.2. Model, these numbers have not been altered to show their suitability for use on the latter cars.

Messrs. V.L. Churchill propose, in due course, to adopt a slightly different method of coding to indicate additional suitability for the "Sports" Model without making the prefix too unwieldy.

All these tools are applicable to the Triumph "Sports" Models and the Models on which they may be used may be recognised as follows:

<u>Prefix</u>	<u>Model</u>
S	Standard Models generally
M	Mayflower
20S	Vanguard
TS	Triumph Sports
FT	Ferguson Tractor

These tools should be ordered direct from Messrs. V.L. Churchill & Co. Ltd., Walnut Tree Walk, Lambeth North, London. S.E.11.

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#### LIST OF SPECIALISED SERVICE TOOLS FOR TRIUMPH SPORTS MODEL T.R.2.

##### REAR AXLE

- |     |   |                     |
|-----|---|---------------------|
| 1.  | Half Shaft Bearing Remover                        | S.4615 Codes 8 & 10 |
|     | Use with Frame:                                   | S.4221              |
| 2.  | Half Shaft Bearing Replacer                       | M.92                |
| 3.  | Differential Casing Spreader                      | S.101               |
| 4.  | Propellor Shaft Flange Coupling Wrench            | 20S.M.90            |
| 5.  | Pinion Bearing Outer Cup Removing Driver/Replacer | 20S.M.FT.71         |
| 6.  | Pinion Head Bearing Inner Cone Remover/Replacer   | TS.1                |
|     | Use with Frame:                                   | S.4221              |
|     | and Slave Ring:                                   | C.4615              |
| 7.  | Differential Bearing Remover                      | S.103               |
| 8.  | Differential Bearing Replacer                     | M.89                |
| 9.  | Pinion Bearing Outer Cup and Oil Seal Replacer    | M.70                |
| 10. | Pinion Setting Gauge and Dummy Pinion             | M.84                |
| 11. | Rear Hub Oil Seal Replacer                        | M.29                |
| 12. | Pinion Bearing Pre-Load Gauge                     | 20S.M.98            |
| 13. | Pinion Oil Seal Replacer                          | M.100               |
| 14. | Rear Hub Extractor (pressed wheels)               | M.86                |
| 15. | Rear Hub Extractor (wire wheels)                  | S.132               |
| 16. | Rear Hub Replacer                                 | S.123               |

##### GEARBOX

- |    |   |          |
|----|---|----------|
| 1. | Gearbox Mainshaft Remover                       | 20S.M-1  |
| 2. | Mainshaft Circlip Installer                     | 20S.M.46 |
| 3. | Front Cover Oil Seal Installer                  | 20S.M-47 |
| 4. | Gearbox Extension Remover                       | 20S-63   |
| 5. | Constant Pinion Shaft Remover                   | 20S.M-66 |
| 6. | Countershaft Needle-Roller Retainer Ring Driver | 20S.M-68 |
| 7. | Mainshaft Circlip Remover                       | 20S-69   |
| 8. | Clutch Plate Centraliser                        | 20S-72   |
| 9. | Front Cover Oil Seal Installer                  | 20S.M-73 |

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#### GEARBOX (CONT.)

10.	Countershaft Assembly Pilot	20S.M-76
11.	Assembly Pilot for Gearbox Countershaft	20S.M-77
12.	Gearbox Rear Bearing Replacer	20S-78
13.	Gearbox Mainshaft Rear Oil Seal Replacer	20S-87
14.	Constant Pinion, Mainshaft and Halfshaft Bearings Remover and Replacer (use with S.4221 Frame)	S.4615

#### MISCELLANEOUS

1.	Clutch Assembly Fixture	99A
2.	Propellor Shaft Coupling Wrench	20S.M.90