



TO: ALL TRIUMPH DEALERS - WESTERN ZONE

DEPT: PARTS AND SERVICE

BULLETIN T-63-60

SUBJECT: SPORTS SIX OVERDRIVE SOLENOIDS

DATE: SEPTEMBER 6, 1963

The following procedure must be followed when replacing a solenoid on a Sports Six 'D' type Overdrive. It does not apply to TR-4 models.

Before carrying out any dismantling obtain from the parts department a backstop plug, part number 513381 and washer 513382. (The fitting of this backstop was incorporated on production from Overdrive number 3330/616).

2. Remove faulty solenoid.
3. Remove the existing hexagon headed plug and replace it with the new recessed plug. This will reduce the excessive free movement of the solenoid plunger.
4. Insert a 3/16" (4.76 mm) diameter peg or drill shank through the valve operating lever locating the lever with the hole in the casing.
5. Energize the solenoid.
6. Adjust the solenoid shaft nut until its face is flush with the operating lever.
7. Remove the peg or drill and switch off the solenoid.
8. Reoperate the solenoid and make sure that the hole in the lever lines up with the hole in the case.
9. Check with the ammeter connected between the solenoid and main feed wire to ensure that the solenoid points open when operated. The current should read approximately 2 amps.

STANDARD-TRIUMPH MOTOR COMPANY, INC.

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10. Finally reinsert the peg or drill shank through the operating lever, locating the lever with the hole in the casing (the solenoid should not be energized for this operation). Hold the solenoid rod hard against the backstop plug and check the distance between the rod nut face and operating lever face. This distance or free play must fall between .100" - .120" (2.54/3.05 mm.). Adjust by fitting plug without a washer or using the existing fiber washer from displaced plug, plus an additional one if required.

11. Remove the peg or drill and refix the cover plate.



8. Insert $3/16"$ dia. peg or drill shank through valve operating lever locating the lever with hole in casing. With solenoid rod pushed hard against back stop check distance between solenoid rod nut face and operating lever face. Adjust to $0.10"/0.12"$ by use of various thickness washers between housing and backstop.

