

March, 1965

TO: ALL ROOTES DEALERS
 MODEL: SUNBEAM IMP
 SUBJECT: SHOCK ABSORBER NOISE.

REAR SHOCK ABSORBERS

Where you are called upon to investigate complaints of rear shock absorber noise, the shock absorber mountings should be checked for tightness and if these are satisfactory, the following procedure should be carried out:-

1. Remove shock absorber from vehicle.
2. Grip the shock absorber lightly in a vice by the bump rubber location disc (F on illustration) taking care to ensure that the working surface of the piston rod (G) is not damaged.
3. Remove the reach nut (B) the upper retaining washer (C) the cushion rubbers (A) the upper mounting plate (E) and the lower retaining washer (D).
4. Clean the 3/8" UNF threads at the top of the piston rod using a 3/8" UNF die.
5. Fit replacement cushion rubbers (A) Part No. 7102949 and examine the upper mounting plate (E) Part No. 7102951; replace if necessary.
6. Refit new and old parts in the reverse order that they were removed, using a new reach nut (B) Part No. 7102945. Torque the reach nut to 12 lbs. ft. (1.6 Kg.m) and stake the nut, using a suitable centre punch.
7. Prime the shock absorber and refit to the vehicle as described in Workshop Manual 141, Section F. Page 13.

Rear Shock Absorber parts now serviced:-

Cushion Rubbers (A on illustration) 7102949	2 off per shock absorber
Reach nut (B on illustration) 7102945	1 " " " "
Upper Retaining Washer (C on illustration) 7102950	1 " " " "
Lower Retaining Washer (D on illustration) 7102948	1 " " " "
Upper Mounting Plate (E on illustration) 7102951	1 " " " "

FRONT AND REAR SHOCK ABSORBERS

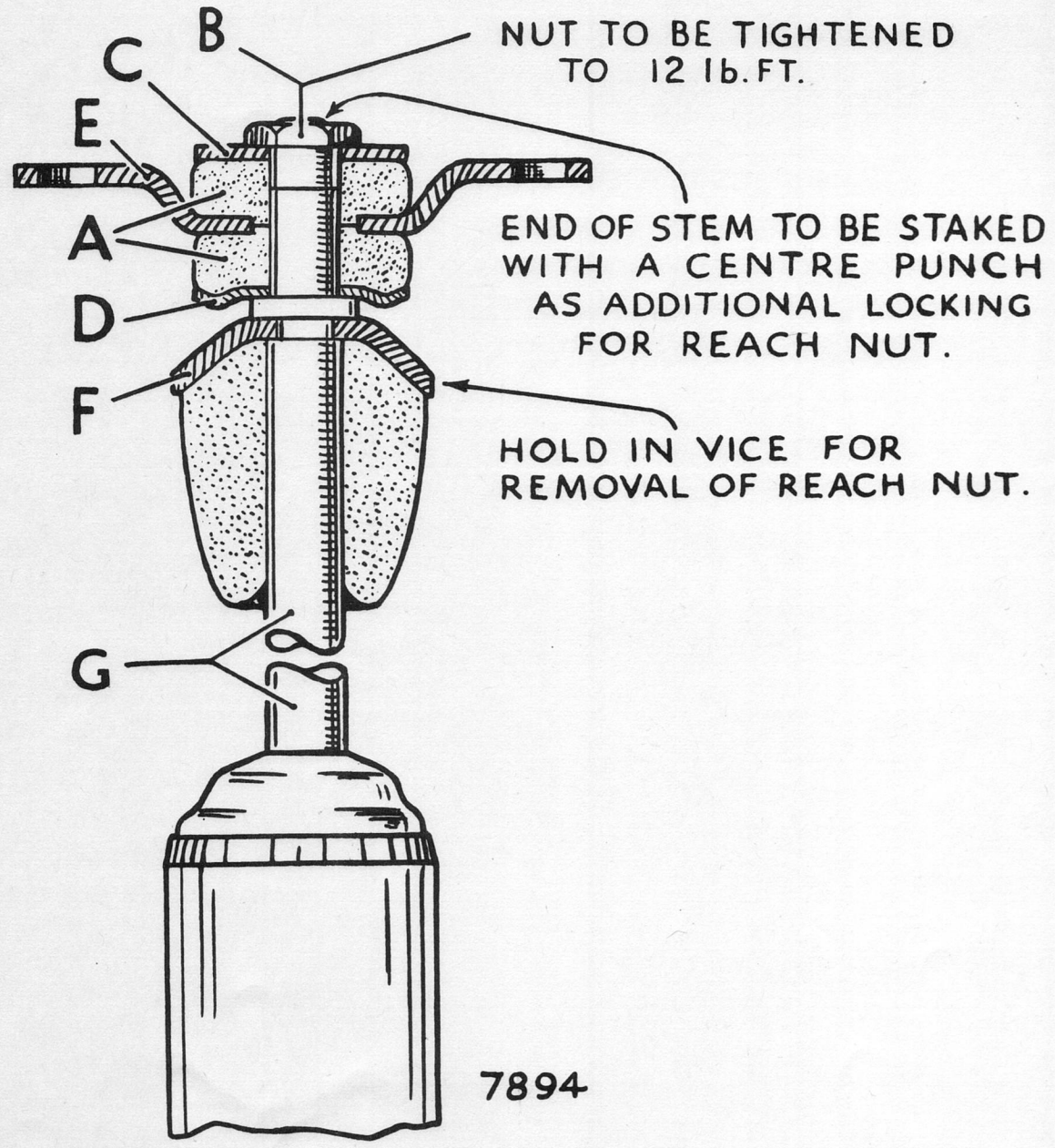
It is apparent from analysis of shock absorbers returned under Warranty that in many instances the cause of failure was due to the seals being damaged by underbody sealing being oversprayed on to the piston rod.

It is essential that when underbody sealing is being applied, shock absorbers are completely masked and should any sealing compound be inadvertently sprayed onto the shock absorber this must be cleaned off with a suitable solvent immediately.

Note: A light application of a Molybdenum based lubricant on the piston rod will assist in reducing any seal noise.

ROOTES MOTORS INCORPORATED

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