



S0030 Removing and Replacing G Pin in Service Workshop

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This infosheet follows on from S0029 Removing Top Arm in Service Workshop and assumes that the Top Arm is already removed.

If replacing the top arm, re-use the G-Pin unless it is damaged or worn.

If replacing G-Pin, follow both procedures below.

Equipment Required:

- Flat File
- Small sharp Cold chisel
- Loctite bearing retaining compound
- Drift
- Grease

How to Remove the G-Pin

- Remove keeper plate retaining bolts and keeper plates.
- Check for burrs on keeper plate side of G-Pin, if present clean with a flat file, G-Pin should now pull out.
- To remove the bearings find the join in the bearing and with a cold chisel work the edge of the join in towards the centre of the bearing.



Take care not to damage the surface of the bore.

- Once one corner of the bearing is bent out, continue working down the split of the bearing, this will eventually cause the two surfaces of the bearing to over lap and the bearing will shrink allowing easy removal.

How to Fit a Replacement G-Pin

- Clean the bore with a light hone.



DO NOT over hone the bore as this will over size it and the bearings will not stay in place.

- Check bore size and ensure bearings are a tight fit.
- Prime bore with Loctite bearing retaining compound.
- With a drift to suit, carefully drive new bearings into the bore. Bearings should be flush with the bore.
- Check bearing clearance with new pin to be fitted. Do not hone bearings to suit pin as new bearings have a Teflon coating.
- Lightly grease new pin and bearings before assembly.
- Fit new G-Pin into bore and refit pin retaining plates.



Always use new bolts to fit retainer plates.