

FRONT SUSPENSION ASSEMBLY INSTALLATION TO SUIT CAT 785 / 789 TRUCKS

These instructions are a recommended fitting procedure to be used in conjunction with usual sound fitting practices. Please read through these instructions before attempting installation.

Refer to the relevant section of the vehicle manufacturer's maintenance manual and obey all recommended safety instructions or warnings.

Before working on any equipment make sure that the work area is safe, the equipment is tagged and locked out in accordance with mine safety procedures and safely supported by stands of suitable capacity.

Fitting and charging suspension cylinders can be dangerous. Sudden movement, sudden release of pressure, or use of incorrect gas, can cause personal injury or death. Obey all manufacturers instructions and warnings.

-
1. Thoroughly clean the mounting flange and top bearing mount of the front suspension cylinder and check for burrs. Ensure that all rust inhibitor is removed. Clean the bolt holes and ensure that the spotfaces are clean to ensure that proper bolt pre-tension will be maintained.
 2. Thoroughly clean the chassis mounting surfaces and remove burrs. Chase tapped holes in the bearing housing mount face. Clean the bolt holes and ensure that the spotfaces are clean to ensure that proper bolt pre-tension will be maintained.
 3. Assemble the bearing housing to the head spigot so that the lock ring is positioned below the bearing. Ie with the lock ring down.
 4. Apply a coat of Anti-seize compound to the rod taper before assembly to the spindle.
 5. Install front suspension cylinder as per vehicle manufacturers assembly instructions.
 6. Measure the gap and fit plates (shims) between the frame support and the bearing housing as per vehicle manufacturers assembly instructions.
 7. Torque all mounting bolts to specification.
 8. Connect auto-lube lines to strut and cap. Make sure that the grease purge valves (part number 1K6853) are in place.
 9. Charge the front suspension as per vehicle manufacturers instructions.

NOTE

The strut will be filled with SAE 10W oil, but will require adjustment of oil charge to specification when fitted to truck.

If you require any further assistance with this procedure please contact your local Birrana representative.
Adelaide (08 8445 7755) Perth (08 9370 5048) Mackay (07 4952 5422) Singleton (02 6571 4488)