

A340H AUTOMATIC TRANSMISSION

DESCRIPTION

PRECAUTIONS

When working with FIPG material, you must observe the following.

- Using a razor blade and gasket scraper, remove all the old FIPG material from the gasket surfaces.
- Thoroughly clean all components to remove all the loose material.
- Clean both sealing surfaces with a non-residue solvent.
- Apply the FIPG in an approx. 1 mm (0.04 in.) wide bead along the sealing surface.
- Parts must be assembled within 10 minutes of application. Otherwise, the FIPG material must be removed and reapplied.

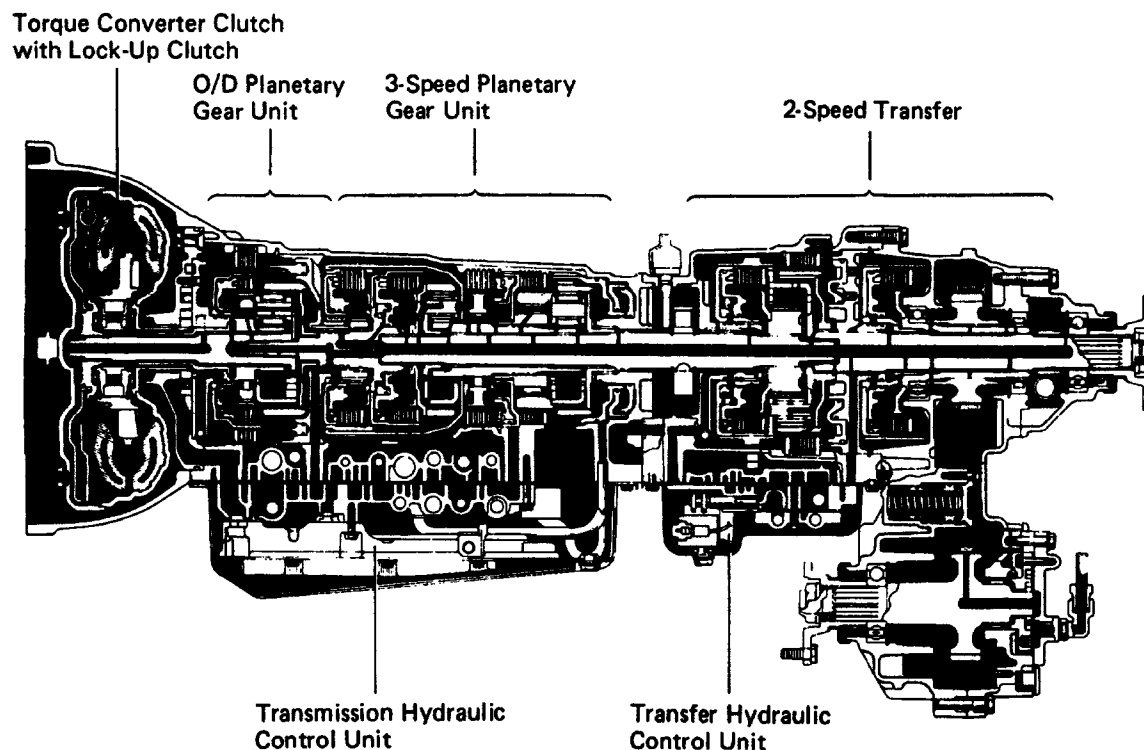
If the vehicle is equipped with a mobile communication system, refer to the precaution in the IN section.

GENERAL DESCRIPTION

The A340H automatic transmission is a 4-speed automatic transmission with electronically controlled 4WD transfer, developed with the aim of producing an easy-driving 4WD vehicle.

The transmission section has fundamentally the same construction as the A340E automatic transmission mounted in the TRUCK 2WD.

The transfer section consists of planetary gears, hydraulic clutches and hydraulic brake. The operation of these is fully controlled by the ECM.



AT5068

| | | | |
|-------------------------------------|--|----------------|---|
| Type of Transmission | | A340H | |
| Type of Engine | | 3VZ—E | |
| Torque Converter Stall Torque Ratio | | 2.1 : 1 | |
| Lock-up Mechanism | | Equipped | |
| Transmission Gear Ratio | 1st Gear | 2.804 | |
| | 2nd Gear | 1.531 | |
| | 3rd Gear | 1.000 | |
| | O/D Gear | 0.705 | |
| | Reverse Gear | 2.393 | |
| Transfer Gear Ratio | High (H2, H4) | 1.000 | |
| | Low (L4) | 2.659 | |
| Transmission | Number of Discs and Plates (Disc/Plate) | | |
| | Forward (C ₁) | 5/5 | |
| | Direct Clutch (C ₂) | 4/4 | |
| | O/D Direct Clutch (C ₀) | 2/2 | |
| | 2nd Brake (B ₂) | 5/5 | |
| | 1st & Reverse Brake (B ₃) | 6/6 | |
| | O/D Brake (B ₀) | 4/3 | |
| Transfer | Number of Discs and Plates (Disc/Plate) | | |
| | Transfer Direct Clutch (C ₃) | 6/6 | |
| | Front Drive Clutch (C ₄) | 6/6 | |
| | Low Speed Brake (B ₄) | 7/6 | |
| ATF Type | | ATF DEXRON® II | |
| ATF Capacity | Transmission | Dry Fill | 10.3 liters (10.9 US qts, 9.1 Imp. qts) |
| | | Drain & Refill | 4.5 liters (4.8 US qts, 4.0 Imp. qts) |
| | Transfer | Dry Fill | 1.1 liters (1.2 US qts, 1.0 Imp. qts) |
| | | Drain & Refill | 0.8 liters (0.8 US qts, 0.7 Imp. qts) |