

INITIAL ENGAGEMENT AND CLUTCH LOCK-UP INSPECTION

The LT-F250 is equipped with a centrifugal type automatic clutch.

To insure proper performance and longevity of the clutch assemblies, it is essential that the clutches engage smoothly and gradually. Before checking the initial engagement and clutch lock-up, two inspection checks must be performed to thoroughly check the operation of the drive train. Perform the following:

- Check the oil level. (☞ 2-9)
- Warm up the engine.

INITIAL ENGAGEMENT INSPECTION

- Connect the tachometer or the multi circuit tester onto the spark plug high-tension cord.
- Start the engine.
- Shift the gear shift lever to the “1st” position.
- Slowly open the throttle and note the engine speed (r/min) when the vehicle begins to move forward.

TOOL 09900-26006: Tachometer, or
09900-25008: Multi circuit tester set

DATA Engagement speed: 1 700 – 2 100 r/min.

If the engagement speed does not coincide with the standard range, inspect the following items for any abnormalities.

- * Clutch shoes ☞ 3-40
- * Clutch wheel ☞ 3-40

CLUTCH LOCK-UP INSPECTION

Perform this inspection to determine if the clutch is engaging fully and not slipping.

- Connect a tachometer onto the spark plug high-tension code.
- Start the engine.
- Shift the gear shift lever to the “5th” position.
- Apply the front and rear brakes as firmly as possible.
- Fully open the throttle for a brief period and note the maximum engine speed sustained during the test cycle.

DATA Lock-up speed: 3 100 – 3 600 r/min.

CAUTION

Do not apply full power for more than 5 seconds or damage to the clutch or engine may occur.

If the lock-up speed (r/min) does not coincide with the standard range, inspect the following items for any abnormalities.

- * Clutch shoes ☞ 3-40
- * Clutch wheel ☞ 3-40

