

Jackson Racing

HONDA TALON TURBO

DUAL CLUTCH TRANSMISSION (DCT) CLUTCH INITIALIZE LEARNING

If the dash of your Honda Talon when the ignition switch is turned on shows the MT indicator and AT indicator at the same time, the clutch initialization learning procedure is necessary.

Before starting this procedure, check the following:

- No DTCs.
- Engine idle speed is normal.
- Sub-transmission is in "P" (parking) and cooling fan stops.

1. Warm up the engine to the normal operating temperature (engine oil temperature: 122-230°F) and stop the engine. At least two bars indicated on coolant temperature gauge.

NOTE:
If the large "U" (extremely low oil temperature indicator), or small "U" (low oil temperature indicator) is displayed on the gear position indicator, the engine must be warmed up before proceeding.

2. Turn the ignition switch ON (I). The MIL will come on shortly. Wait until the MIL goes off and the gear position indicator displays "P".

NOTE:
- Do not turn the ignition switch to START (II). If the starter motor is running, the learning procedure will be canceled.

3. Complete the following:

- Depress the accelerator pedal fully.
- Release the accelerator pedal.
- Depress the accelerator pedal fully.
- Release the accelerator pedal.
- Depress the accelerator pedal fully and hold it.

NOTE:
Do steps 3 and 4 deliberately.

4. Now complete the following, while still holding the accelerator from Step 3.
   - Move the shift select lever to "L" (low range) position. Check that the gear position indicator displays "L".
   - Move the shift select lever to "P" (parking) position. Check that the gear position indicator displays "P".
   - Move the shift select lever to "L" (low range) position. Check that the gear position indicator displays "L".
   - Move the shift select lever to "P" (parking) position. Check that the gear position indicator displays "P".

5. Release the accelerator pedal. Check that the "–" is displayed on the gear position indicator and blinks at 2 second intervals, and the MT indicator and AT indicator are displayed.

NOTE:
   - The ECU does not accept to start clutch initialize learning if the gear position indicator continues to display "P". Perform the initialize procedures from Step 1 again.

6. Start the engine and let it idle for approximately 60 seconds. The clutch initialize learning is successful, when the "–" on the gear position indicator, MT indicator, and AT indicator disappear.

NOTE:
   - If the "–" starts blinking at interval of 0.5 second, the clutch initialize learning is unsuccessful. Perform the initialize learning procedure from Step 1 again.
   - If the large "L" (extremely low oil temperature) or small "L" (low oil temperature) is displayed on the gear position indicator, warm up the engine until the "L" on the gear position indicator goes off. Stop the engine and perform the procedures from Step 1 again.

7. Stop the engine.

8. Turn the ignition switch ON (I). Check that the gear position indicator displays "P" and the MT indicator OR AT indicator comes on.

NOTE:
   - If both MT indicator and AT indicator are displayed, the clutch initialize learning has not been completed.