

DTC P0894 [FN4A-EL]

B3E050219090W36

DTC P0894	Forward clutch power transmission malfunction
DETECTION CONDITION	<ul style="list-style-type: none"> • With the engine running and the selector lever in the D or M range, all of the following conditions are met: <ul style="list-style-type: none"> - ATF temperature 20 °C {68 °F} or more - Vehicle speed 0 km/h {0 mph} (brake on) - Even when 3 s or more has passed since the engine has started, the turbine speed will not decrease to less than 187 rpm. <p>Diagnostic support note:</p> <ul style="list-style-type: none"> • This is a continuous monitor (CCM). • The MIL does not illuminate if the PCM detects above malfunction conditions during the first drive cycle. • A PENDING CODE is not available. • FREEZE FRAME DATA is not available. • The AT warning light illuminates. • DTCs are stored in the PCM memory.
POSSIBLE CAUSE	<ul style="list-style-type: none"> • Forward clutch not engaged or slipped • Short to power supply in wiring harness between shift solenoid A terminal B and PCM terminal 1AZ (Z6)/1B (LF) • Shift solenoid A stuck on • VSS malfunction • PCM malfunction

Diagnostic procedure

STEP	INSPECTION	ACTION
1	VERIFY FREEZE FRAME DATA HAS BEEN RECORDED	Yes Go to the next step.
	• Has the FREEZE FRAME DATA been recorded?	No Record the FREEZE FRAME DATA on the repair order, then go to the next step.
2	VERIFY DTCS	Yes Go to the applicable DTC inspection.
	• Turn the ignition switch to the LOCK position, then to the ON position. • Verify the DTCs in the PCM memory. • Are DTCs P0500, P0752, and P0753 output?	No Replace the forward clutch, then go to the next step.
3	VERIFY TROUBLESHOOTING OF DTC P0894 COMPLETED	Yes Replace the PCM, then go to the next step. (See PCM REMOVAL/INSTALLATION [ZJ, Z6] .) (See PCM REMOVAL/INSTALLATION [LF] .)
	• Make sure to reconnect all the disconnected connectors. • Clear the DTC from the memory using the WDS or equivalent. • Warm up the engine. • With the selector lever in the D range and the vehicle stopped (brake on), wait 3 s or more . • Are any DTCs present?	No No concern is detected. Go to the next step.
4	VERIFY AFTER REPAIR PROCEDURE	Yes Go to the applicable DTC inspection.
	• Perform the "After Repair Procedure". (See AFTER REPAIR PROCEDURE [FN4A-EL] .) • Are any DTCs present?	No DTC troubleshooting completed.