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Model Year Start: 2016	Model: LX570	Prod Date Range: [09/2015 -]
Title: AE80F AUTOMATIC TRANSMISSION / TRANSAXLE: AUTOMATIC TRANSMISSION SYSTEM: PRECAUTION; 2016 - 2018 MY LX570 [09/2015 -]		

PRECAUTION

1. PRECAUTION

NOTICE:

- When disconnecting the cable from the negative (-) battery terminal, initialize the following systems after the cable is reconnected (See page [INFO](#)).
- Perform the Reset Memory procedures (A/T initialization) after replacing the automatic transmission assembly, transmission valve body assembly, shift solenoid valve SL1, SL2, SL3, SL4, SL5 or TCM (See page [INFO](#)).

HINT:

Reset Memory cannot be completed by only reconnecting the cable to the negative (-) battery terminal.

- Perform the Perform Road Test to Allow TCM to Learn procedures after replacing the automatic transmission assembly, transmission valve body assembly, shift solenoid valve SL1, SL2, SL3, SL4, SL5, TCM, ECM or engine assembly (See page [INFO](#)).
- If either of the following conditions is met, perform ATF Thermal Degradation Estimate Reset (See page [INFO](#)).
 - The ATF has been replaced.

HINT:

If 50000 or more is displayed for the Data List item "ATF Thermal Degradation Estimate", thermal degradation of the ATF is suspected. Perform ATF Thermal Degradation Estimate Reset after replacing the ATF.

- Approximately 50% or more of the ATF has been replaced during a repair of the transmission or a similar operation.

CAUTION:

When using compressed air, always aim away from yourself to prevent Automatic Transmission Fluid (ATF) or kerosene from spraying on your face.

NOTICE:

- The automatic transmission is composed of precision-made parts. Careful inspection before reassembly is necessary because even a small nick could cause fluid leakage or affect performance.
- The procedures are organized so that you work on only one component group at a time. This will help avoid confusion with similar-looking parts of different sub-assemblies being on your workbench at the same time.
- The component groups are inspected and repaired from the converter housing side.
- Whenever possible, complete the inspection, repair and reassembly before proceeding to the next component group. If a defect is found in a certain component group during reassembly, inspect and repair this group immediately. If a component group cannot be assembled because parts are being ordered, be sure to keep all parts of the group in a separate container while proceeding with disassembly, inspection, repair and reassembly of other component groups.
- Use of Toyota Genuine ATF WS is recommended.
- All disassembled parts should be washed clean, and compressed air should be blown through any fluid passages and holes.
- Dry all parts with compressed air. Never use cloth.
- The recommended ATF or kerosene should be used for cleaning.
- After cleaning, the parts should be arranged in the order they were removed for efficient inspection, repair and reassembly.
- New discs for the brakes and clutches must be soaked in ATF for at least 15 minutes before reassembly.
- All oil seal rings, clutch discs, clutch plates, rotating parts and sliding surfaces should be coated with ATF prior to reassembly.
- All old gaskets and rubber O-rings must be replaced.
- Do not apply adhesive cement to gaskets or similar parts.
- Make sure that the ends of snap rings are not aligned with any cutouts. Make sure that snap rings are correctly installed into the grooves.
- If a worn bushing is to be replaced, the sub-assembly containing the bushing must also be replaced.
- Check the thrust bearings and races for wear or damage. Replace them if necessary.
- Use petroleum jelly to keep parts in place.