

DIAGNOSIS (Continued)

TRANSAXLE DIAGNOSIS (Continued)

| CONDITION | POSSIBLE SOURCE | ACTION |
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| <ul style="list-style-type: none"> Locked in One Gear — It Cannot Be Shifted Out of That Gear | <ul style="list-style-type: none"> Damaged external shift mechanism. Internal shift components worn or damaged. Synchronizer damaged by burrs which prevent sliding action. | <ul style="list-style-type: none"> Check external shift mechanism for damage. Service or replace as required. Disconnect external shift mechanism and verify problem by trying to shift input shift rail. Remove transaxle. Inspect the problem gear, shift rails and fork and synchronizer assemblies for wear or damage, service or replace as required. Replace synchronizer assembly. |
| <ul style="list-style-type: none"> Noise in Neutral | <ul style="list-style-type: none"> Neutral rollover rattle. | <ul style="list-style-type: none"> Refer to Neutral Rollover Rattle. |
| <ul style="list-style-type: none"> Noisy in Forward Gears | <ul style="list-style-type: none"> Low lubricant level. Contact between engine / transaxle and chassis. Transaxle to engine block bolts loose. Worn or damaged input / output bearings. Worn or damaged gear teeth (usually high mileage phenomenon). Gear rattle. | <ul style="list-style-type: none"> Fill to bottom of filler plug opening with Synthetic MERCON® Multi-Purpose Automatic Transmission Fluid E6AZ-19582-B (ESR-M2C163-A2) or equivalent. Check for contact or for broken engine motor mounts. Tighten to 46-63 N-m (34-46 Lb-Ft). Remove transaxle. Inspect bearings and gear teeth for wear or damage. Replace parts as required. Refer to Gear Rattle. |
| <ul style="list-style-type: none"> Shifts Hard | <ul style="list-style-type: none"> Incorrect lubricant. Sticking blocker ring. External shift mechanism binding. Improper clutch disengagement. Clutch disc installed improperly with damper springs toward flywheel. Internal damage to synchronizers or shift mechanism. | <ul style="list-style-type: none"> Verify that MERCON® Multi-Purpose Automatic Transmission Fluid E6AZ-19582-B (ESR-M2C163-AZ) or equivalent is present. Do not use gear lube or hypoid type lubricants. Check for proper installation of external shift mechanism. Refer to Section 08-01. Refer to 08-01. Check for damage to internal components. |
| <ul style="list-style-type: none"> Walks Out of Gear | <ul style="list-style-type: none"> Damaged linkage preventing complete travel into gear. Floor shift boot stiff or improperly installed boot. Floor shift interference between shift handle and console. Broken / loose engine mounts. Worn or damaged internal components. | <ul style="list-style-type: none"> Check for damaged shift mechanism. Verify jumpout with boot removed, replace boot if necessary. Adjust console to eliminate interference. Check for broken or loose engine mounts and service as required. Check shift forks, shift rails and shift rail detent system for wear or damaged, synchronizer sliding sleeve and gear clutching teeth for wear or damage. Service or replace as required. |