

DIAGNOSIS (Continued)

CLUTCH DIAGNOSIS (Continued)

CONDITION	POSSIBLE SOURCE	ACTION
<ul style="list-style-type: none"> ● Clutch Does Not Disengage Properly 	<ul style="list-style-type: none"> ● Improper clutch pedal travel. ● External linkage worn or damaged. ● Clutch components inside clutch housing worn or damaged. ● Loose clutch pressure plate bolts. 	<ul style="list-style-type: none"> ● Service or replace linkage parts as required. Refer to Section 08-02. ● Remove transaxle. Verify torque of pressure plate bolts. Tighten bolts to 33 N·m (24 Lb·ft) if required. ● Check for damaged or worn clutch, pressure plate, release bearing, release lever or release shaft pivot. ● Check for warped or contaminated clutch disc. ● Verify clutch disc hub spline free movement on input shaft spline — lubricate sparingly. Service or replace as required.
<ul style="list-style-type: none"> ● Clutch is Noisy When Pedal is Depressed (Noise Continues as Long as the Pedal is Held Down.) 	<ul style="list-style-type: none"> ● Damaged release bearing. ● Flywheel housing out of alignment. 	<ul style="list-style-type: none"> ● Remove transaxle and replace release bearing. Inspect the release fingers and replace the pressure plate assembly as required. ● Align housing.
<ul style="list-style-type: none"> ● Clutch Slips After the Pedal is Fully Released 	<ul style="list-style-type: none"> ● Release linkage inside flywheel housing binding or damaged. ● Clutch facing excessively worn. 	<ul style="list-style-type: none"> ● Lubricate with Premium Long-Life Grease XG-1-C (ESA-M1C75-B) or equivalent. Service or replace linkage parts as required. Refer to Section 08-02. ● Remove transaxle. Check pressure plate and clutch disc for wear and contamination. Replace as required.
<ul style="list-style-type: none"> ● Clutch Squeaks or Scrubs When the Pedal is in Motion 	<ul style="list-style-type: none"> ● Clutch release linkage — lack of lubrication, binding, interference, worn or kinked. ● Lack of lubrication on the clutch release shaft bushing, lower bosses and lever to release bearing contact. ● Lack of lubrication in the clutch release bearing bore and the transaxle release bearing guide. ● Flywheel housing out of alignment. ● Binding clutch cable. 	<ul style="list-style-type: none"> ● Lubricate with Premium Long-Life Grease XG-1-C (ESA-M1C75-B) or equivalent. Service or replace as required. ● Remove transaxle and release bearing. Lubricate with Premium Long-Life Grease XG-1-C (ESA-M1C75-B) or equivalent on bushing and other areas. ● Lubricate with Premium Long-Life Grease XG-1-C (ESA-M1C75-B) or equivalent, accordingly. ● Align housing. ● Replace clutch cable. Do not lubricate. Refer to Section 08-02.
<ul style="list-style-type: none"> ● Noise When Clutch Pedal is Depressed 	<ul style="list-style-type: none"> ● Clutch interlock switch. ● Self adjuster ratchet noise. ● Speed control interlock switch. 	<ul style="list-style-type: none"> ● Inspect interlock switch activating rod for binding or excessive noise. Replace switch if necessary. ● Refer to Section 08-02 for diagnosis and service. ● Refer to Section 10-03.
<ul style="list-style-type: none"> ● Vehicle Will Not Start With Clutch Pedal Fully Depressed 	<ul style="list-style-type: none"> ● Improper adjustment of interlock switch, damaged switch or open or short-circuited wiring. 	<ul style="list-style-type: none"> ● Refer to Section 08-02 for diagnosis and service.

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