

DIAGNOSIS (Continued)

RELEASE BEARING NOISE

TEST STEP		RESULT	ACTION TO TAKE
A1	DEPRESS CLUTCH PEDAL		
	<ul style="list-style-type: none"> Chirp, squeak or clatter with pedal up can be caused by insufficient bearing pre-load, out-of-plane pressure plate fingers, transaxle or a worn or damaged release bearing. With engine idling and transaxle in NEUTRAL, depress clutch pedal to the floor. Is there a noise present? 	Yes No	<ul style="list-style-type: none"> REPLACE damaged or worn release bearing. GO to A2. Release bearing OK.
A2	DISENGAGE BEARING		
	<ul style="list-style-type: none"> With engine idling, disconnect clutch cable from release lever and move lever away from cable to disengage bearing from pressure plate fingers. Is there a noise present? 	Yes No	<ul style="list-style-type: none"> Noise is from transaxle. REFER to Section 07-03A for Transaxle Diagnosis. GO to A3. Transaxle is OK.
A3	PRE-LOAD BEARING		
	<ul style="list-style-type: none"> With engine idling and clutch cable disconnected, apply 15 lb. load to lever end of clutch release shaft assembly in direction of cable — pull to preload bearing. Is there a noise present? 	Yes No	<ul style="list-style-type: none"> LUBRICATE pivot and bushings to free up binding release lever. Clutch control system damaged or quadrant tension spring out of position. SERVICE or REPLACE as required any sticky or binding clutch control components.

TC9686B

REMOVAL AND INSTALLATION

Dowels, Engine

Removal

Dowels can be removed by using a drift pin where the dowel is installed in a drilled hole and vise grip pliers where the dowel is installed in a blind hole. They should be pulled or driven from their seat, taking care not to damage dowel hole or surface area around dowel during removal.

Installation

Solid-Type Dowels

All solid-type dowels can be installed by driving them into place using a brass or plastic mallet. Care should be exercised to drive the dowel squarely into place until fully seated and not to damage surrounding surface areas.