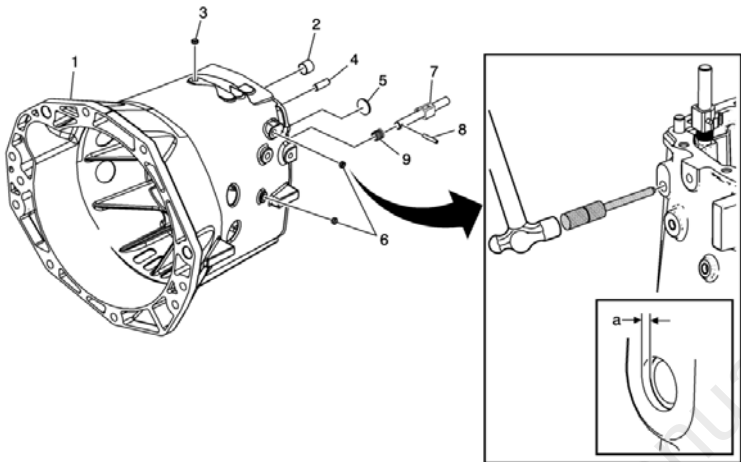


2013 Chevrolet Colorado

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:

- Table 1: [Clutch Housing](#)
- Table 2: [Shift Shaft Interlocking Balls and Pin Cleaning and Inspection](#)

Clutch Housing

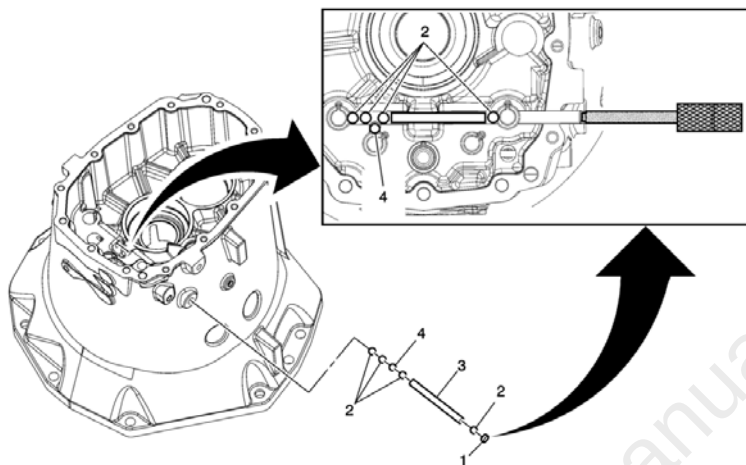


Clutch Housing

Callout	Component Name
Preliminary Procedure	
Warning: Wear safety glasses to avoid injury when using compressed air or any cleaning solvent. Bodily injury may occur if fumes are inhaled or if skin is exposed to chemicals.	
Clean the clutch housing (1) parts with a suitable solvent. Air dry all the parts.	
Clutch Housing	
Procedure	
1	1. Inspect the clutch housing for the following conditions:
	• Cracks
	Replace the clutch housing part if cracks are found.
	• Scratches
	• Burrs
	• Nicked mounting surfaces
	• Damaged sealing surfaces
	• Damaged bearing bores
	• Inspect the machined mating surfaces for flatness. Check the mating surfaces with a straight edge.
	• Use a fine mill file to dress minor scratches or burrs.
	• If scratches, or grooves, or scoring, cannot be removed by hand with a soft stone or crocus cloth, replace the component.
2	Transmission Bushing – Shift Shaft
	Procedure
	Inspect the bushing for excessive wear. Replace worn bushings.
	3 Clutch Housing Hole Plug
	4 Transmission Locating Pin
	5 Clutch Housing Hole Plug
	Clutch Housing Hole Plug
	6 Special Tools
	DT 50851 Front Housing Expansion Plug Installer

Callout	Component Name
	For equivalent regional tools, refer to Special Tools.
7	Reverse Interlock Shaft
8	Reverse Interlock Shaft Detent Pin
9	Reverse Interlock Shaft Detent Spring

Shift Shaft Interlocking Balls and Pin Cleaning and Inspection



Shift Shaft Interlocking Balls and Pin Cleaning and Inspection

Callout	Component Name
	Clutch Housing Hole Plug
	Note: When installing use a NEW plug.
1	Special Tools DT 50851 Front Housing Expansion Plug Installer For equivalent regional tools, refer to Special Tools. Shift Shaft Interlock Ball – 9.5 mm (Qty: 4) Note:
2	- Three balls – 9.5 mm align with the 3rd/4th yoke bar bore, and one 9.5 mm ball is located on the 5th/reverse yoke bar bore. - Be careful when removing the yoke bars. Interlock balls may drop into the bar bores. Keep a close watch on the interlock balls and their locations when disassembling and assembling. - Use the appropriate lubricant to hold balls in their bores in the proper location.
	Shift Shaft Interlock Pin
3	Procedure 1. Push the interlock pin to the opposite side in order the interlock balls drop from their bores. 2. Displace the interlock pin towards the removed plug hole and remove the pin through the housing hole.
	Shift Shaft Interlock Ball – 8.0 mm (Qty: 1)
	Note:
4	- This ball is located on the 1st/2nd yoke bar bore. The larger balls will not install into the smallest interlock bore. - Be careful when removing the yoke bars. Interlock balls may drop into the bar bores. Keep a close watch on the interlock balls and their locations when disassembling and assembling. - Use the appropriate lubricant to hold balls in their bores in the proper location.