



# Service Bulletin

File in Section: -

Bulletin No.: PIE0230

Date: September, 2012

## PRELIMINARY INFORMATION

**Subject:** Engineering Information – Manual Transmission Fluid Leak from Front Wheel Drive Shaft Seal

**Models:** 2011-2013 Buick Regal  
2012-2013 Buick Verano  
2011-2013 Chevrolet Cruze  
2012-2013 Chevrolet Sonic  
Equipped with Manual Transmission

**Attention:** Proceed with this PI ONLY if the customer has commented about this concern AND the PIE number is listed in the Global Warranty Management / Investigate History link (GWM/IVH). If the customer has not commented about this condition or the EI does not show in GWM/IVH, disregard the PI and proceed with diagnostics found in published service information. THIS IS NOT A RECALL – refer to Service Bulletin 04-00-89-053E for more details on the use of Engineering Information PIs.

### Condition

**Important:** If the customer did not bring their vehicle in for this concern, DO NOT proceed with this EI.

Some customers may comment on an oil/fluid leak under the front of the vehicle.

Further inspection will reveal the leak to be transmission fluid and indicate that the leak is coming from one of the front wheel drive shaft seals.

### Cause

GM Engineering is attempting to determine the root cause of the above condition. Engineering has a need to gather information on vehicles PRIOR to repair that may exhibit this condition. As a result, this information will be used to "root cause" the customer's concern and develop/validate a field fix.

### Instructions

If the leak is transmission fluid and it is determined to be coming from one of the front wheel drive shaft seals, please contact the engineer listed below for additional instructions. Depending on the location of the vehicle, the engineer may want to visit the dealership to examine the vehicle prior to attempting any repairs or to direct the diagnostic process.

### Contact Information

Engineer Name	Phone Number
Steve Field	810-625-9931

Please include the following information if leaving a message:

- Technician name
- Dealer name and phone number
- Complete VIN and repair order (R.O) number

On the repair order, document the date and time the call was placed (even if the engineer was not reached).

If engineering is unable to return the call within one hour, proceed with diagnosis and repair based on information found in SI.

## Warranty Information

If engineer was contacted or required information was provided, use:

Labor Operation	Description	Labor Time
K9545*	Engineering Information – Transmission Fluid Leak from Front Wheel Drive Shaft Seal	0.2 hr
*This is a unique labor operation for bulletin use only. It will not be published in the Labor Time Guide.		