



## Valve Stem Seal Identification on 2006-2013 GM 7.0L LS7 Engines

The AERA Technical Committee offers the following information on valve stem/guide seal identification for 2006-2013 GM 7.0L LS7 performance engines. These engines use unique seals for each intake or exhaust valve locations. Installation of the wrong seal on the intake or exhaust valves may result in a later oil consumption complaint from the customer.

Gasket sets supplied by General Motors for these engines may be lacking an identification sheet specifying which seal is the intake and which seal is the exhaust. The seals come in separate packages with the part number on the bag for identification and fortunately the seals are colored different. The Intake seals are colored black/gray while the other is colored red (or brownish red).

Valve stem seals are available individually or in sets from aftermarket suppliers and are identifiable as long as they remain in their packaging. Most aftermarket valve stem seal sources contacted by AERA indicate they're using similar color coding methods for their products. Refer to the chart below to assist in identifying the valve seals for these engines.

<b>Part Number</b>	<b>Seal Location</b>	<b>Coloring</b>	<b>Quantity</b>
12482063	Intake	Black/Gray	8 per engine
12482062	Exhaust	Red/Brownish Red	8 per engine