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TO: Service Locations

FROM: Service Systems Development

SUBJECT: Heavy Duty Engine Valve Stem Seal Installing Drift and Sleeve



W470589056107 - Exhaust Valve Stem
Seal Installing Sleeve



W470589056105 - Exhaust Valve Stem
Seal Installing Drift

GENERAL INFORMATION

A new valve stem seal installing drift and installing sleeve are now available to perform valve stem oil seal replacement on 23mm and 25mm exhaust valve guides. The new installing drift does not have a positive stop, which eases installation while working on a 25mm valve guide. The new installing sleeve helps prevent the spring within the valve stem seal from rolling or becoming damaged during installation. Existing tooling can be used but it is recommended that repairing outlets purchase this installing sleeve which can be used with both the existing and new installing drift. Detroit recommends upgrading to the new installing drift when possible.

Valve Spring and Valve Stem Seal Tools – Heavy Duty Engines

Part Number	Description	Engine Platform
W470589056105 (New Tool)	Valve Stem Seal Installing Drift	EPA07-GHG17 All – Heavy Duty
W470589056107 (New Tool)	Valve Stem Seal Installing Sleeve	EPA07-GHG17 All – Heavy Duty
W470589073300 (Existing Tool)	Valve Guide Seal Remover	EPA07-GHG17 All – Heavy Duty
J-47406 (Existing Tool)	Valve Spring Compressor	EPA07-GHG17 All – Heavy Duty
J-47490-A (Existing Tool)	Valve Stem Seal Installer (Exhausting Stock, replaced by W470589056105)	EPA07-GHG17 All – Heavy Duty

The new valve stem seal installing drift and sleeve can be used on all heavy duty engine platforms. For EPA07 through GHG14 Heavy Duty Engines refer to “EPA07/10/GHG14 Engine Manual (DDC-SVC-MAN-0081)” and for GHG17 Heavy Duty Engines refer to “GHG17 DD Platform Workshop Manual (DDC-SVC-MAN-0190)”

REQUIRED ACTION

Ordering Information - Tools will not automatically be shipped to your facility. The valve stem seal installing drift and installing sleeve tools are essential but will only be required by future dealers that do not already have the existing valve spring and valve stem seal tools. Tools can be ordered through Paragon using a DDE supplier prefix.

CONTACT INFORMATION

Please e-mail detroittoolwarranty@daimler.com if you have any questions.