

Oversized Cooler Bypass Valve Kit

Part No.
63741-07K



- Valve
- Spring

NOTE: Also fits Hyundai/Kia A5SR1/2.

Cooler bypass valve not used in all models. Reference chart to determine need.

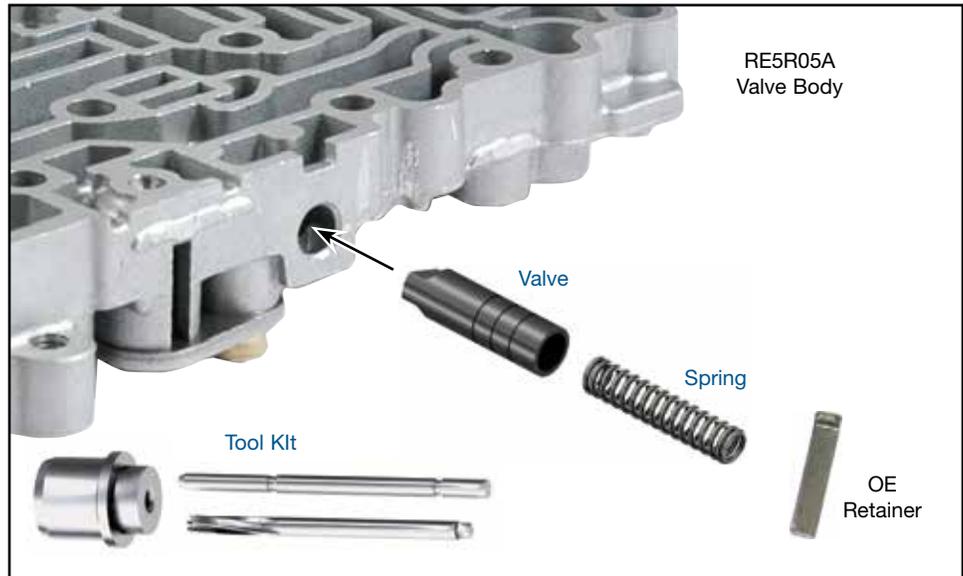
Tool Kit

Part No.
F-63741-TL7



- Reamer
- Reamer Jig
- Guide Pin

NOTE: Sonnax “F-Tool” kits designed to service a specific bore require the VB-FIX, a self-aligning valve body reaming fixture. More information and instructions can be found online at www.sonnax.com.



1. Disassembly

- Remove OE retainer and set aside for reuse.
- Remove and discard OE spring and cooler bypass valve.

2. Bore Reaming

Ream cooler bypass valve bore (for reaming instructions/reamer care, please visit www.sonnax.com). Sonnax reaming tool kit **F-63741-TL7** and **VB-FIX** are required for this operation.

3. Installation & Assembly

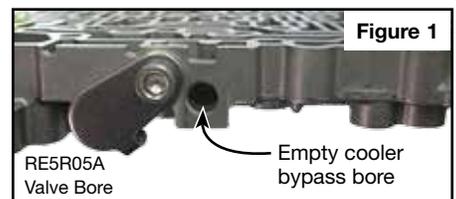
- Ensure all debris has been removed from valve bore and body.
- Install Sonnax oversized cooler bypass valve into bore, with open end facing outboard.
- Install Sonnax spring into valve spring pocket.
- Carefully compress spring far enough to reinstall OE retainer.

4. Final Testing

Vacuum testing at the port(s) indicated holds the recommended minimum 18 in-Hg (**Figure 3**).



NOTE: Some RE5R05A valve bodies do not contain a cooler bypass valve. Units can be identified by empty cooler bypass bore (**Figure 1**), separator plate code (**Chart**) and blocked separator plate holes (**Figure 2**). Do not install Sonnax product into units that do not require cooler bypass valve.



Units With No Cooler Bypass Valve	
Valve Body Design*	Separator Plate Code
1st	AK
2nd	BD
3rd	EH
4th	E1

*Reference Jatco/Nissan RE5R05A Valve Body Identification at www.sonnax.com

