SSAN RE4F04A

PART NUMBER 63940-02K

Accumulator Valve Kit

63940-02K

1 Accumulator Valve 1 O-Ringed End Plug

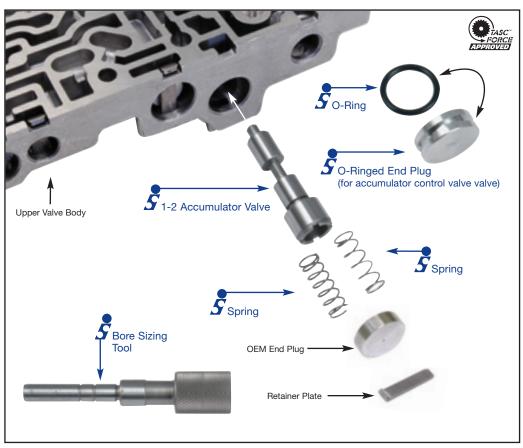
2 Springs



63940-BST

1 Bore Sizing Tool

Note: Does not fix 2000 or later Maxima or any 2002 or later valve bodies.

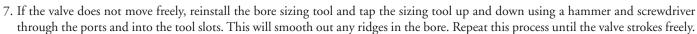


Installation

1-2 Accumulator Valve

NOTE: The bore sizing tool must be used to refurbish the accumulator valve bore prior to using the slightly oversized replacement valve.

- 1. Remove all components from the valve bore and 1-2 accumulator line-up on the opposite side of the valve body.
- 2. Discard the OEM 1-2 accumulator valve and spring.
- 3. Burnish the bore using the **63940-BST** bore sizing tool.
- 4. Insert the stepped end of the bore sizing tool into the bore (see Figure 1). It is designed to have an interference fit with the bore. A 3/8-16 UNC internal thread is provided at the knurled end of the tool to adapt to a puller or slide hammer for ease of use.
- 5. Stroke the bore sizing tool within the bore to mimic valve oscillation.
- 6. Remove the bore sizing tool and install the oversized 1-2 accumulator valve.



8. Install the replacement 1-2 accumulator valve, small end inboard.





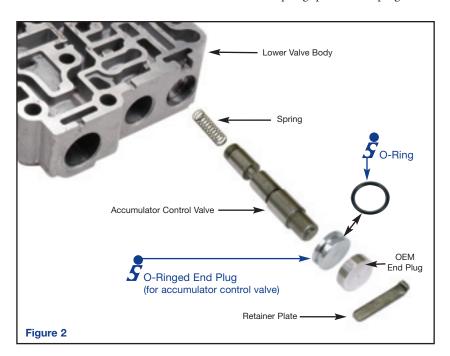
Figure 1

NISSAN RE4F04A, FORD 4F20E

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- 9. Select the desired spring and insert into the valve spring pocket.
- The plain colored spring with .022" wire diameter will provide slightly increased accumulator pressure.
- The white colored spring with .026" wire diameter will provide noticeably increased accumulator pressure for firmer shifts.
- 10. Reinstall the OEM end plug and retainer.
- 11. Reinstall the OEM 1-2 accumulator washer, spring, piston, end plug and retainer in the opposite side of the valve body.



Accumulator Control Valve O-Ringed End Plug

- 1. Remove all components from the accumulator control valve bore, which is located in the lower valve body.
- 2. Discard the OEM spring.
- 3. Reinstall the OEM accumulator control valve without a spring.
- 4. Insert the o-ring into the end plug groove. Lubricate with assembly jel.
- 5. Push the o-ringed end plug into the bore until it contacts the valve (see Figure 2).
- 6. Reinstall the OEM end plug and retainer.

