

Elevated Pressure Regulator Spring & Valve Kits

76948-06

'91-'95

5 Elevated Pressure Regulator Springs

76948-12K

'96 & Up

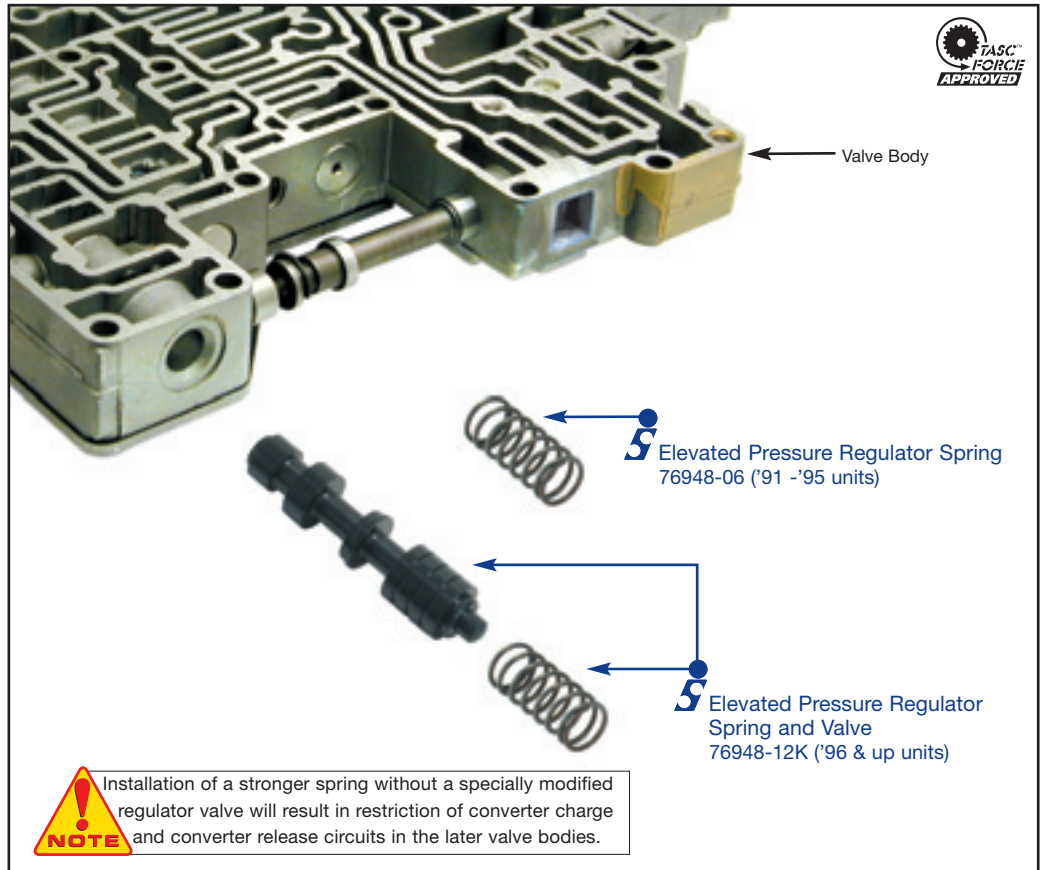
1 Elevated Pressure Regulator Spring
1 Modified PR Valve

Important Note

WARNING! When using either elevated spring kit package, the pump must be operating at OEM specifications. Using these parts with a worn or low output pump will cause:

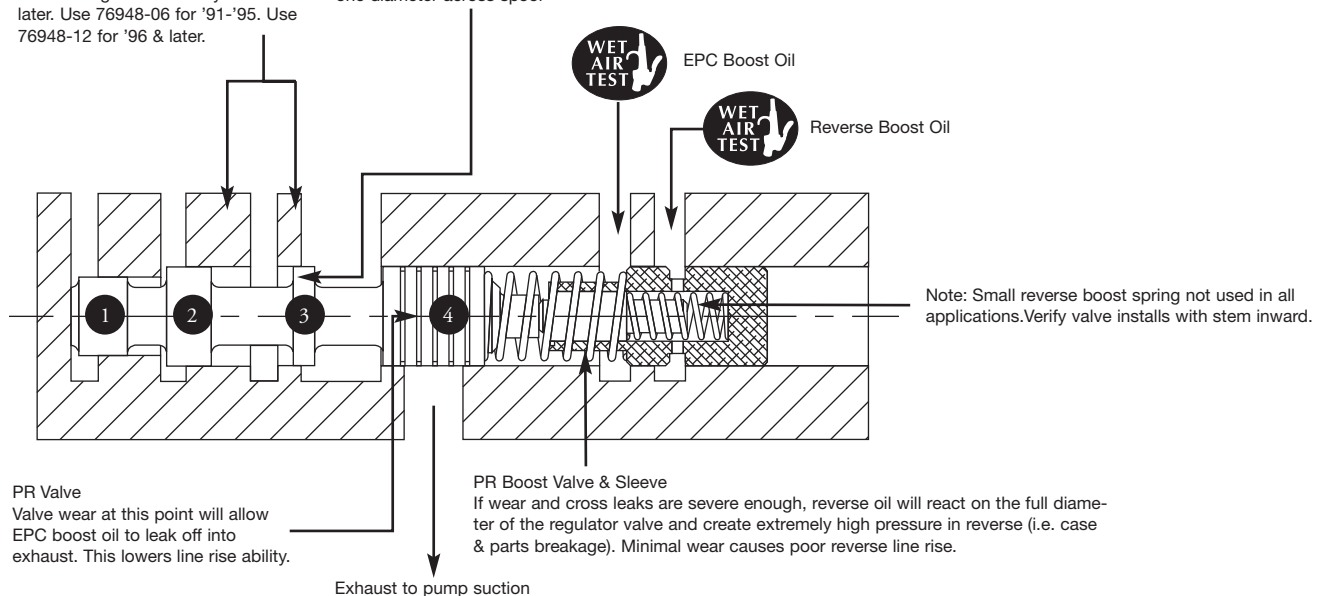
- Delayed engagements
- Surge
- Converter overheat

Due to OEM modifications on '96 & later units, installation of a stronger spring without a specially modified regulator valve will result in restriction of converter charge and converter release circuits. This may cause the engine to stall or surge at an idle or create converter shudder. A properly metered PR valve must accompany a stronger spring for these units.



Two casting recesses only on '96 and later. Use 76948-06 for '91-'95. Use 76948-12 for '96 & later.

Shallow step on # 3 spool identifies '96 and later. '91-'95 no step here, one diameter across spool



AODE, 4R70W

PART NUMBERS 76948-06, -12K

Elevated Pressure Regulator Spring & Valve Kits

76948-06 - '91-'95 Instructions

1. Remove the valve plug retainer on the main control valve body.
2. Remove the PR boost valve and sleeve. Inspect for wear and replace with 76948-02K.
3. Remove the OEM spring and pressure regulator valve.
4. Inspect the OEM pressure regulator valve. This will most likely be worn. Replace with Sonnax part number 76948-01 or reinstall original valve.
5. Install the Sonnax elevated pressure regulator spring.
6. Insert the boost sleeve and valve.
7. Insert the valve retainer.

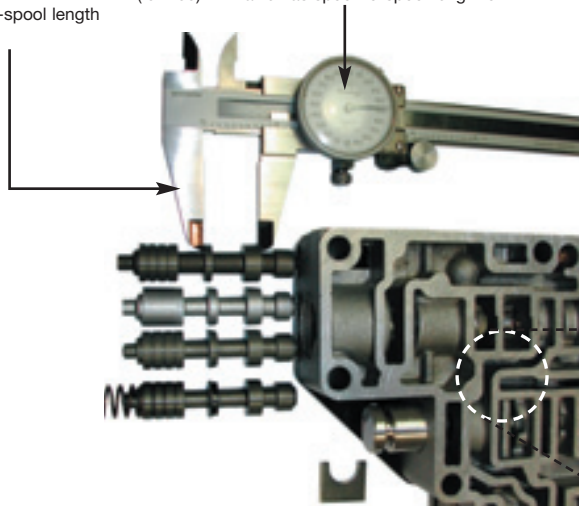
76948-12K - '96 - Up Instructions

1. Remove the valve plug retainer on the main control valve body.
2. Remove the PR boost valve and sleeve. Inspect for wear and replace with 76948-02K.
3. Remove the OEM spring and pressure regulator valve.
4. Replace them with the Sonnax elevated pressure regulator valve and spring.
5. Insert the boost sleeve and valve.
6. Insert the valve retainer.

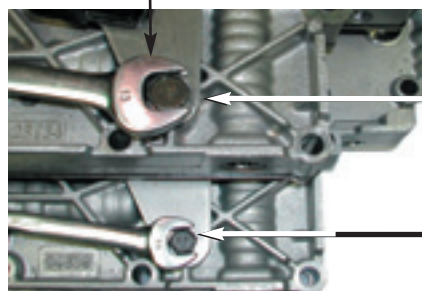
Identification of '91-'95 and '96 & up units

('96 & up) PR Valve has spool-to-spool length of .706".

('91-'95) PR Valve has spool-to-spool length of .747"

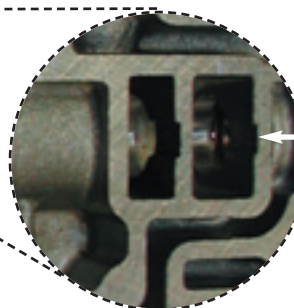


Use a wrench



Easy ID – 1991 to 95
Valve body has 13mm
bolt head for line-up pin.

Easy ID – 1996 & Up
Valve body has 10mm
bolt head for line-up pin.



1996 & up valve bodies
have notches here.