

Reverse Boost Valve Kit

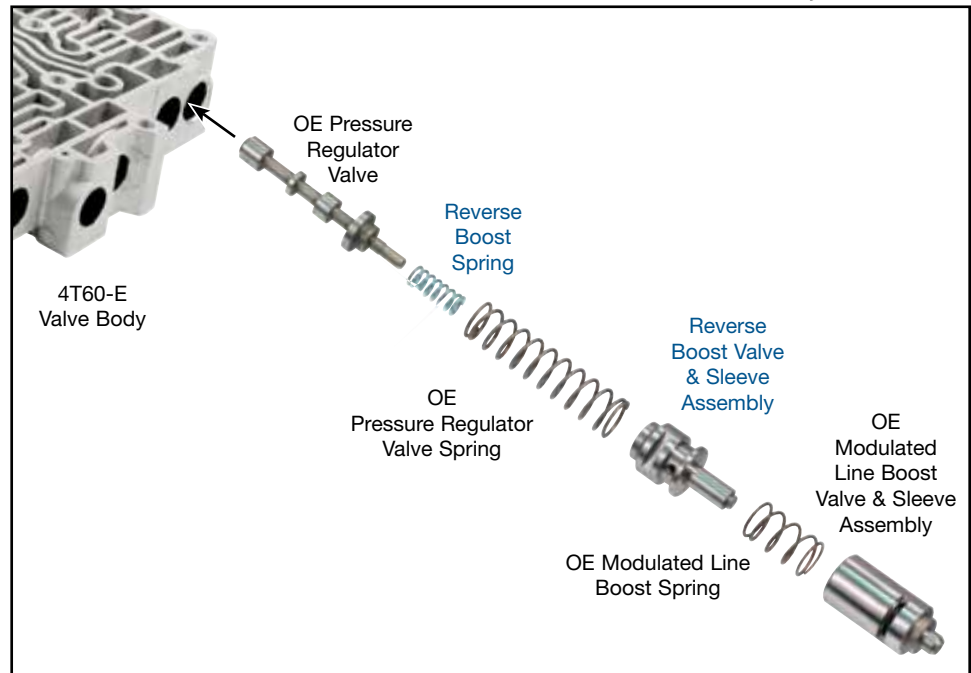
Part No.

84754-14K

- Valve
- Sleeve
- Spring

NOTE: Low ratio, .273" dia. small spool.
See identifier information on page 2.

GM 4T60, 4T60-E



1. Disassembly

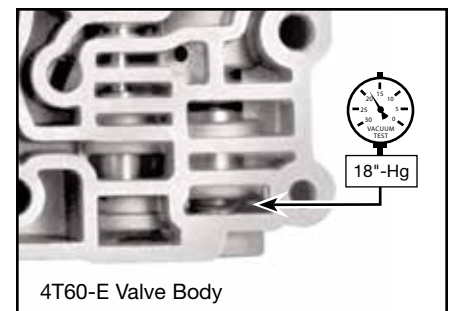
- Remove OE retaining clip, modulated line boost valve and sleeve assembly and modulated line boost spring from bore. Save for reuse.
- Remove and discard OE Reverse boost valve and sleeve assembly.
- Remove OE pressure regulator valve spring and save for reuse.
- Remove and discard OE Reverse boost spring.
- Remove OE pressure regulator valve and save for reuse.

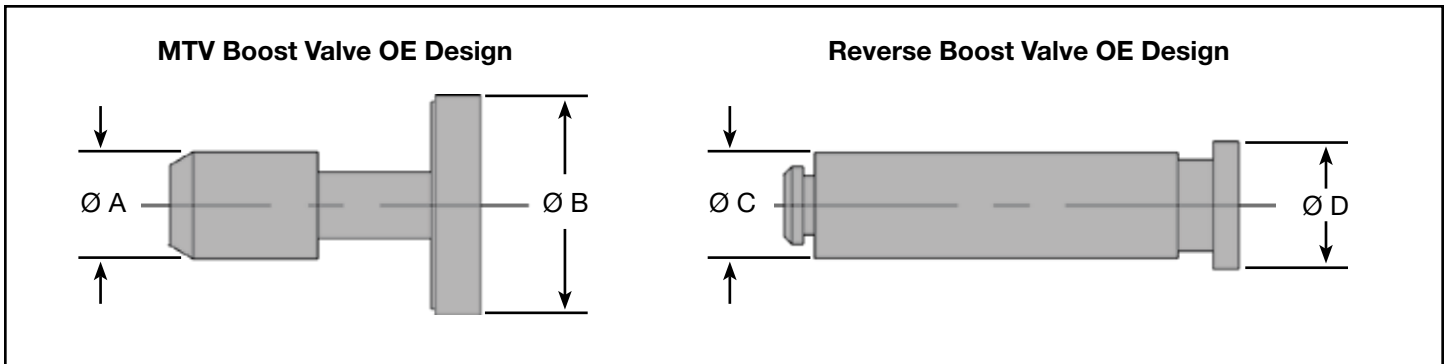
2. Installation & Assembly

- Be certain all debris has been removed from the valve bore and valve body.
- Reinstall OE pressure regulator valve followed by Sonnax Reverse boost spring.
- Reinstall OE pressure regulator valve spring.
- Install Sonnax Reverse boost valve and sleeve assembly.
- Reinstall OE modulated line boost spring, followed by modulated line boost valve and sleeve assembly.
- Secure with OE retaining clip.

3. Final Testing

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





	Low Boost Ratio	Sonnax Part Number
$\varnothing A$	.276"	84754-12K
$\varnothing B$	.567"	
$\varnothing C$	.273"	84754-14K
$\varnothing D$	.328"	

	High Boost Ratio	Sonnax Part Number
$\varnothing A$	.199"	84754-17K
$\varnothing B$	.567"	
$\varnothing C$	.293"	84754-19K
$\varnothing D$	.348"	

Sonnax No.	Stem	Description	Application
84754-12K	$\varnothing A = .276"$	Modulator Line Boost (Low Ratio)	Common in 3.1 Ltr. Engines, 3.4, 4.1, 4.5
84754-14K	$\varnothing C = .273"$	Reverse Boost (Low Ratio)	Paired with 84754-12K
84754-17K	$\varnothing A = .199"$	Modulator Line Boost (High Ratio)	Common to 2.3 Quad., 3.8
84754-19K	$\varnothing C = .293"$	Reverse Boost (High Ratio)	Paired with 84754-17K