

sonnax[®]

**REMANUFACTURED
VALVE BODIES**





sonnax[®]

Save Time & Money with a PREMIUM Rebuilt Valve Body from Sonnax

Every valve body is completely disassembled, cleaned, updated, solenoids tested and replaced as needed. Each remanufactured unit is then hydraulically and electronically tested so it's ready to install!

Sonnax remanufactured valve bodies are backed by a Limited Lifetime Warranty.

Unit(s)	ID Guide	Part Number	Details	R&R Only
Aisin AW				
50-40LE, 50-42LE	✓	AW5042	4 Solenoid	
55-50SN, 55-51SN <i>Critical to note if unit requires a B5 spring. Incorrect application regarding B5 spring will result in 2-3 flare, 2-3 bind or violent 3-2 coastdown shift.</i>	✓⚠	AW55GE	GM, Early, "A" or No Letter Casting	
	✓⚠	AW55GL	GM, Late, "B" or "C" Casting, without B5 Spring	
	✓⚠	AW55GMLSP	GM, '05-Later, with B5 Spring	
	✓⚠	AW55NL	Volvo/Nissan, '05-Later, with B5 Spring	
	✓⚠	AW55VE	Volvo, Early, "A" or No Letter Casting, without B5 Spring	
	✓⚠	AW55VL	Volvo/Nissan, Late, "B" or "C" Casting, without B5 Spring	
TF-80SC	✓	AW6VF		
TF-81SC		AW6FMF		

Aisin AW, VW/Audi

09G, 09K, 09M, TF-60SN	✓⚠	AW6VWF1	Large Cans, Cooler on Case, with Switches	
	✓⚠	AW6VWF2	Large Cans, Remote Cooler, with Switches	✓
	✓⚠	AW6VWF3	Large Cans, Cooler on Case, without Switches	
	✓⚠	AW6VWF4	Large Cans, Remote Cooler, without Switches	✓
	✓⚠	AW6VWF7	Small Cans, Cooler on Case, without Switches	
	✓⚠	AW6VWF8	Small Cans, Remote Cooler, without Switches	✓

Allison®

1000/2000/2400	✓⚠	AL1000	'00-'03	
	✓⚠	AL1001	'04-'05	
	✓⚠	AL1002	'06-'09	

Chrysler

40TES, 41TES	✓	CHR400	VLP	
40TE, 41AE, 41TE	✓⚠	CHR195	'98-Later with Internal Spade Pin MLPS Switch	
41TE	✓⚠	CHR192	'88-'95 with External MLPS Switch	
	✓⚠	CHR194	'96-'98 with Internal Round Pin MLPS Switch	
42LE	✓⚠	CHR193	'93-'98 with Round Pin MLPS Switch	
	✓⚠	CHR196	'98-Later with Spade Pin MLPS Switch	
42LE, 42RLE		CHR402	VLP	
42RE, 44RE	✓	CHR110	'99-Earlier, Small Pump Inlet, Early Sensor	
	✓	CHR111	'99-Earlier, Large Pump Inlet, Early Sensor	
	✓	CHR112	'00-Later, Small Pump Inlet, Late Sensor	
	✓	CHR113	'00-Later, Large Pump Inlet, Late Sensor	
42RLE	✓	CHR198		
45RFE, 545RFE	✓	CHR140	'08-Earlier	
45RFE, 545RFE, 65RFE, 66RFE	✓	CHR141	'09-Later	✓

Valve Body Identification Guides

Proper valve body identification is key. Sonnax provides comprehensive technical identification guides online for units with a ✓ in the ID Guide column. It is critical to review the ID guide for units with an ⚠ icon before ordering.

Return & Rebuild (R&R) Only

R&R remanufactured valve bodies are available to distributors through the return and rebuild service only.

Unit(s)	ID Guide	Part Number	Details	R&R Only
Chrysler				
46RE, 47RE	✓	CHR129	'99-Earlier, with Small Pump Inlet, Early Sensor	
	✓	CHR130	'99-Earlier, with Large Pump Inlet, Early Sensor	
	✓	CHR131	'00-Later, with Small Pump Inlet, Late Sensor	
	✓	CHR132	'00-Later, with Large Pump Inlet, Late Sensor	
	✓	CHR124	'90-Later, 1 Solenoid	
	✓	CHR127	Hydraulic, with Tube	
48RE	✓	CHR135	Converted Valve Body, '03-Later <i>Patent pending. Can be used for slight performance upgrade on 46 & 47RE applications.</i>	
62TE	✓	CHR410	With Solenoid Pack	
	✓	CHR412	Without Solenoid Pack**	
68RFE	✓	CHR143	'08-Earlier**	✓
	✓	CHR144	'09-Later**	✓
A904		CHR102	Lockup, 1 Wire Solenoid	
		CHR104	Lockup, 2 Wire Solenoid, Large Pump Inlet	

Ford

4F27E	✓	F020	Ford <i>Adhere to OE valve body-to-case torque sequence.</i>	
4F50N	✓	F087	'04-Later	
4F50N, AX4N	✓	F089	'98-'03	
4R100	✓⚠	F043	Without PTO, F6 Casting Number	
	✓⚠	F044	With PTO, F8 Casting Number	✓
4R44E		F054	'95-Later	
4R55E		F055	'95-'96	
4R70E, 4R70W, 4R75E, 4R75W	✓	F095	'01-'08	
	✓	F098	'09-Later	
4R70W	✓	F093	'96-'97	
	✓	F094	'98-'00	
5R110W		F05R110	<i>Read "5R110W Pressure Switches Notice"</i>	
5R44E, 5R55E		F056	'97-Later with 4.0L	
5R55N		F030	***	
5R55S, 5R55W	✓	F032	'01-'08**	
	✓	F035	'09-Later***	
6F50	✓	FD6F50E	'07-'09, 1.35 Ratio 3-5-R <i>New for 2018</i>	
	✓	FD6F50L	'09-Later, 1.83 Ratio 3-5-R <i>New for 2018</i>	
6R60	✓	FZR60	'06-'09*†	
6R75	✓	FZR75	*†	✓
6R80	✓	FZR80	*†	✓
A4LD	✓	F053	1 Large Solenoid, 1 Small Solenoid	
AOD	✓	F096	'80-'88	
	✓	F097	'89-'93	
AODE	✓	F091	'92	
	✓	F092	'93-'95	
AX4N	✓	F088	'94-'98	
AX4S	✓	F085	'98-Later, XF/YF Casting	
E4OD	✓	F040	'90-'95, F0 or F1 Main Body Casting Number	
	✓	F041	'89, E9 Main Body Casting Number	
	✓	F042	'96-'98, F6 Main Body Casting Number	

Outsmart 4L80 Overdrive Roller Clutch Failure

Exclusively from Sonnax!

- Premium-quality 4L80/85-E remanufactured valve bodies with the Smart-Tech® overrun clutch valve kit pre-installed
- Improves OD roller clutch holding power in lower gears
- Extends the life of workhorse transmissions while preventing warranty claims & comebacks
- '97-'03 (Part No. **GM033**) & '04-Later (Part No. **GM030**) valve bodies available



Smart-Tech® overrun clutch valve kit (Part No. **34200-40K**) also available separately.

Unit(s)	ID Guide	Part Number	Details	R&R Only
Ford, Mazda				
CD4E, LA4A-EL	✓	FM064	F3 Casting, with Solenoid Pack	
	✓	FM065	F3 Casting, without Solenoid Pack**	
	✓	FM067	F7 Casting, without Solenoid Pack**	
	✓	FM068	F7 Casting, with Solenoid Pack	
FN4A-EL	✓	F021	Mazda <i>Adhere to OE valve body-to-case torque sequence.</i>	
FNR5, FS5A-EL	✓	F025	<i>Includes Secondary Valve Body</i>	
GM				
200-4R		GM016		✓
3T40 (125C)		GM003	With 3-Prong 2nd Switch	
4L60	✓	GM044	Electronic TCC	
4L60-E	✓	GM046	'93-'94	
	✓	GM047	'95	
	✓	GM048	'96-'01	
4L60-E, 4L65-E, 4L70-E	✓	GM049	'01-'02 Annular Lockup	
	✓	GM051	'03-'08	
4L80-E, 4L85-E	✓	GM027	'92-'96, Temperature Sensor in Wire Harness	
	✓	GM028	'97-'03	
	✓	GM029	'04-Later	
	✓	GM030	'04-Later, with Overrun Clutch Valve Kit Installed <i>New for 2018</i>	
	✓	GM033	'97-'03, with Overrun Clutch Valve Kit Installed <i>New for 2018</i>	
4T40-E, 4T45-E <i>The small- and large-can EPC solenoid types for GM and Saturn units cannot be interchanged.</i>	✓⚠	GM036	'97-'01***	
	✓⚠	GM061	'02-'03***	
	✓⚠	GM062	'04-'05***	
	✓⚠	GM063	'06-'08***	
4T60-E	✓	GM032	'93-Later***	
4T65-E	✓	GM035	'97-'02***	
	✓	GM037	'03-Later***	
5L40-E	✓	BMW009	'99-'01, Gas	
	✓	GM070	'02-Later, Gas	
5L50-E	✓	GM072	374 Separator Plate Code	✓

* TCM/TEHCM/Conductor plate not included.

** Solenoid pack not included.

*** Pump and separator plate not included.

† Sonnax recommends replacing the solenoid pack whenever a transmission problem or failure occurs.

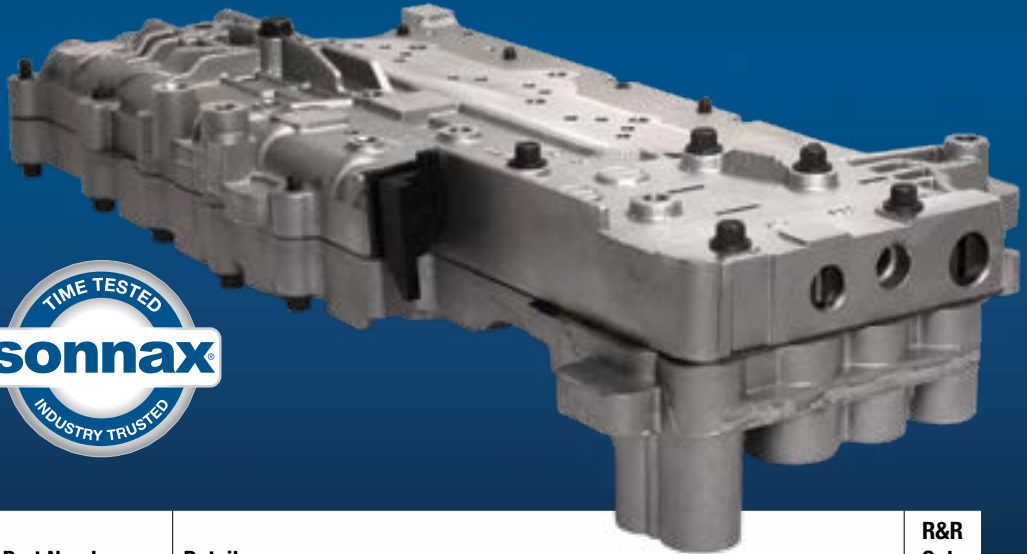
6L80 Series Early & Late Style Valve Bodies

Bores, plates, checkballs, seals, casting...EVERY critical area is reviewed, refreshed and repaired.

Top-quality Sonnax components optimize valve body function and prevent future wear.

State-of-the-art testing verifies AFL, clutch, TC and compensator feed pressures match new OE specs.

Tech and install tips ship with every 6L80 series unit, as does a Limited Lifetime Warranty!



Unit(s)	ID Guide	Part Number	Details	R&R Only
6L45	✓⚠	BMW6L45E	Early-Design Separator Plate, BMW* <i>New for 2018</i>	✓
	✓⚠	BMW6L45L	Late-Design Separator Plate, BMW* <i>New for 2018</i>	✓
	✓⚠	GM6L45L	'10-Later GM* <i>New for 2018</i>	
6L45, 6L50	✓⚠	GM6L45E	'06-'09 GM* <i>New for 2018</i>	
6L50	✓⚠	GM6L50L	'10-Later GM* <i>New for 2018</i>	
6L80	✓⚠	GM6L80E	'06-'09 GM* <i>New for 2018</i>	
	✓⚠	GM6L80L	'10-Later GM* <i>New for 2018</i>	
6L90	✓⚠	GM6L90E	'06-'09 GM* <i>New for 2018</i>	
	✓⚠	GM6L90L	'10-Later GM* <i>New for 2018</i>	

GM

6T70, 6T75		GM6T70-1E	'07-'08 <i>New for 2018</i>	
		GM6T70-1L	'09-'13 <i>New for 2018</i>	

Jatco, Nissan

JR403E		NIS130		
RE4F04A		NIS137	Long Wiring Harness	
RE4F04B	✓	NIS136	Short Wiring Harness	
RE4R01A		NIS125		
RE5R05A <i>1st Design valve body does not have TCM as part of the connector plate.</i>	✓	NIS501	1st Design, 10-15 Ohms Low Coast Solenoid****	
	✓	NIS502	1st Design, 20-40 Ohms Low Coast Solenoid****	
	✓	NIS504	2nd Design, 10-15 Ohms Low Coast Solenoid****	
	✓	NIS505	2nd Design, 20-40 Ohms Low Coast Solenoid****	
	✓	NIS507	3rd Design**	

Jatco, Mazda, VW/Audi

09A, JF506E	✓⚠	VW506	VW, Jaguar, Land Rover	
JF506E	✓⚠	MAZ506	Mazda <i>The Mazda-style valve body cannot be interchanged with any other manufacturer.</i>	

Unit(s)	ID Guide	Part Number	Details	R&R Only
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Mercedes

722.6 To avoid leaks after replacement, always replace the connector guide bushing O-rings.	✓⚠	CHR7226	Chrysler*	
	✓⚠	JAG0006	Jaguar, Casting #0006*	✓
	✓⚠	MER0006	Mercedes, Casting #0006*	
	✓⚠	MER0406	Mercedes, Casting #0406*	✓
	✓⚠	MER0506	Mercedes, Casting #0506*	✓
	✓⚠	MER0606	Mercedes, Casting #0606*	

Saturn

TAAT	✓	SAT001	'91 to Early '92	
	✓	SAT005	Late '92-Later	

Subaru

4EAT	✓	SUB130	'98-'00	
	✓	SUB131	'01-Later	

Toyota/Lexus

A541E		TOY159		
A750E, A750F	✓⚠	TOY750		✓
A760E, A760F, A760H	✓⚠	TOY760		✓
A761E	✓⚠	TOY761		✓
A960E, A960F	✓⚠	TOY960		✓
AB60E, AB60F	✓⚠	TOYAB60		✓
U140E, U140F, U240E, U241E	✓	TOY171	'00-'05, without Central Lube Feed	
	✓	TOY172	'00-'05, with Central Lube Feed	
	✓	TOY174	'06-'12, without Central Lube Feed	
	✓	TOY175	'06-'12, with Central Lube Feed	
U151E, U151F, U250E	✓	TOY181	'04-'16	
	✓	TOY182	'01-'03	

VW/Audi

01M, 01N, 01P	✓	VW202	'95-'96	
	✓	VW203	'97-'98	
	✓	VW204	'99-Later	

ZF

ZF5HP19	✓	BMW001	VW/Audi, without Bolt-on Speed Sensor*****	
	✓	BMW002	Porsche & VW/Audi, with Bolt-on Speed Sensor*****	
	✓	BMW004	BMW	
ZF5HP24	✓	BMW006	BMW/Jaguar/Land Rover, with Black EDS1 Solenoid	
	✓	BMW008	BMW/Jaguar/Land Rover, with Green EDS1 Solenoid	
ZF5HP24, ZF5HP24A	✓	BMW007E	VW/Audi, Early, with 3 Blue & 5 Green Solenoids	✓
	✓	BMW007L	VW/Audi, Late, with 3 Brown, 4 Black & 1 Green Solenoid	
ZF6HP19		BMW619	*†	✓
ZF6HP26		BMW626	*†	✓

* TCM/TEHCM/Conductor plate not included.

** Solenoid pack not included.

**** Connector plate not included.

***** Pulse generators not included.

† Read about electrostatic discharge at



**REBUILD A VALVE BODY
YOURSELF OR LET
SONNAX DO IT FOR YOU.**

**EITHER WAY, YOU'RE TEAMED
UP WITH THE WORLD'S
TRANSMISSION EXPERTS.**

Whether you want to rebuild with quality parts or save time and money with a premium remanufactured valve body, Sonnax has you covered.

No one is better at diagnosing transmission problems and developing the parts to fix them. More valve bodies come across the Sonnax bench in a day than most shops see in a year, and our team never stops working on ways to help you deliver a top-quality rebuild.

Learn more about performance transmission parts we have.