

Solenoid Application Charts

2 Solenoid Models	
Transmission	Shift Chart Type
450-43LE	2
4F20E	1
4L30E	2
4L60E	1
4L80E	3
4R100	2
4R70W/AODE	3
4T40E	3
4T45E	3
4T60E	1
4T65E	1
4T80E	3
A140E series	2
A240E series	2
A340E series	2
A340F series	2
A43DE series	2
A440 series	2
A540 series	2

2 Solenoid Models	
Transmission	Shift Chart Type
AW30-80LE	2
AW4	2
CD4E	1
EC8 Subaru	1
F4A20/30 series	1
Honda 4 spd 2 solenoid	2
JF403E	1
JR403E	1
KM175 series	1
MX17 Note 1	1
R4AEL Note: 2	1
RE4FO2A	1
RE4FO3A	1
RE4FO4A	1
RE4RO1A Note:2	1
W4A30 series	1
Note 1: 3 spd / ignore 4th gear solenoid pattern	
Note 2: coast clutch solenoid must be on to achieve 4th gear	



2 Solenoid Type Charts

TYPE 1		
Gear	SS1/SSA/1-2 SOL	SS2/SSB/2-3 SOL
1 st	ON	ON
2 nd	OFF	ON
3 rd	OFF	OFF
4 th	ON	OFF

TYPE 2		
Gear	SS1/SSA/1-2 SOL	SS2/SSB/2-3 SOL
1 st	ON	OFF
2 nd	ON	ON
3 rd	OFF	ON
4 th	OFF	OFF

TYPE 3		
Gear	SS1/SSA/1-2 SOL	SS2/SSB/2-3 SOL
1 st	ON	OFF
2 nd	OFF	OFF
3 rd	OFF	ON
4 th	ON	ON

A critical step in diagnosing electronic transmissions is knowing which solenoids should be energized for each gear range... and which ones shouldn't. These solenoid reference charts provide that information.

If the transmission you're working on uses *three* shift solenoids, look for the chart on this page.

If the transmission uses *two* shift solenoids, turn back to page 77 and find the listing for it. That listing shows which solenoid shift pattern chart applies to the transmission you're working on: It'll be either type 1, 2 or 3.

Then use the appropriate chart above to identify which solenoids should be energized for each gear range. Armed with that knowledge, you should have no problem diagnosing the solenoid circuits.

3 Solenoid Type Charts

4R44E/4R55E			
Gear	SS1/SSA	SS2/SSB	SS3/SSC
1 st	ON	OFF	OFF
2 nd	ON	ON	OFF
3 rd	OFF	OFF	OFF
4 th	OFF	OFF	ON

5R55E			
Gear	SS1/SSA	SS2/SSB	SS3/SSC
1 st	ON	OFF	OFF
2 nd	ON	OFF	ON
3 rd	ON	ON	OFF
4 th	OFF	OFF	OFF
5 th	OFF	OFF	ON

AX4N			
Gear	SS1/SSA	SS2/SSB	SS3/SSC
1 st	OFF	ON	OFF
2 nd	OFF	OFF	OFF
3 rd	ON	OFF	ON
4 th	ON	ON	ON

AXODE/AX4S			
Gear	SS1/SSA	SS2/SSB	SS3/SSC
1 st	OFF	ON	OFF
2 nd	ON	ON	OFF
3 rd	OFF	OFF	ON
4 th	ON	OFF	ON

F4AEL/F4EIII/GF4AEL			
Gear	SS1/SSA	SS2/SSB	SS3/SSC
1 st	OFF	ON	ON
2 nd	ON	ON	ON
3 rd	ON	OFF	OFF
4 th	ON	OFF	ON

G4AEL			
Gear	SS1/SSA	SS2/SSB	SS3/SSC
1 st	OFF	ON	ON
2 nd	ON	ON	ON
3 rd	OFF	OFF	OFF
3 rd	ON	OFF	OFF
4 th	ON	OFF	ON

N4AEL			
Gear	SS1/SSA	SS2/SSB	SS3/SSC
1 st	ON	ON	ON
2 nd	OFF	ON	ON
3 rd	OFF	OFF	ON
4 th	OFF	OFF	OFF



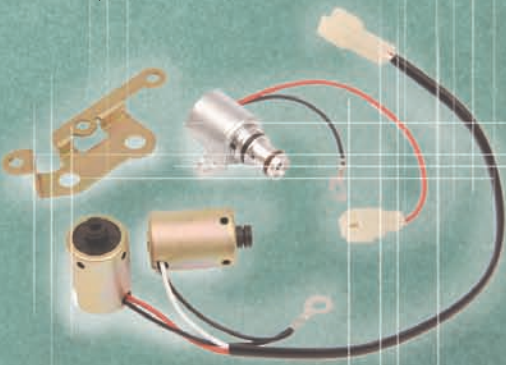
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With the most complete, innovative line of aftermarket solenoids, sensors, and harnesses for foreign and domestic applications, we give you more options from a single source. Our exclusive OEM mating connectors speed installation and offer a more reliable, robust connection. Every part is manufactured, calibrated, and fully tested in a ISO9001/ QS9000 certified facility, so you get more reliable performance, from every part, every time.



- Toyota A541E Shift & Lock-up Solenoid Kit. (52-9022)
- OEM Style Mating Connectors



- Volkswagen Universal Internal Wire Harness. (350-0070)
- 096(01M)/097(01N)/098(01P)



- 1998-on Ford 4R70W Internal Hard Wire Harness. (350-0060)



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