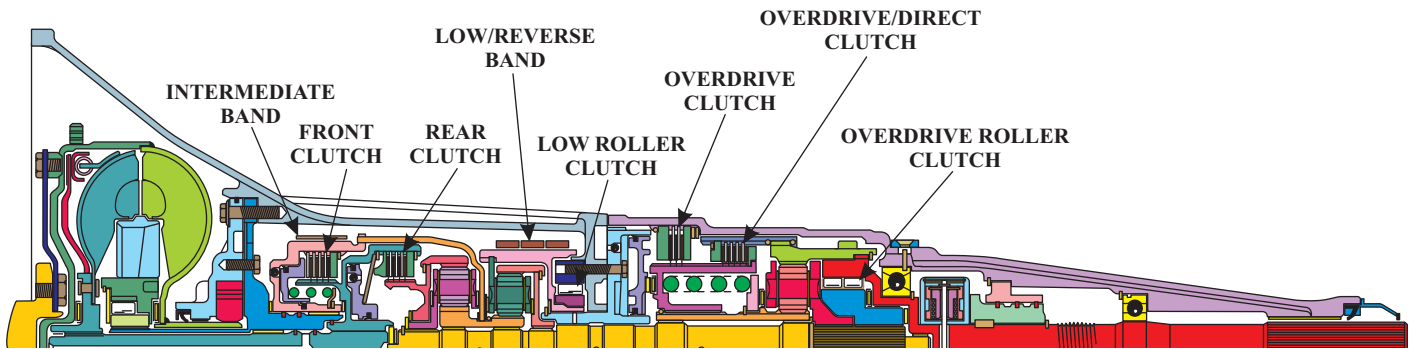


A500 / A518 / 42RE / 46RE / 48RE
COMPONENT LOCATION AND I.D.

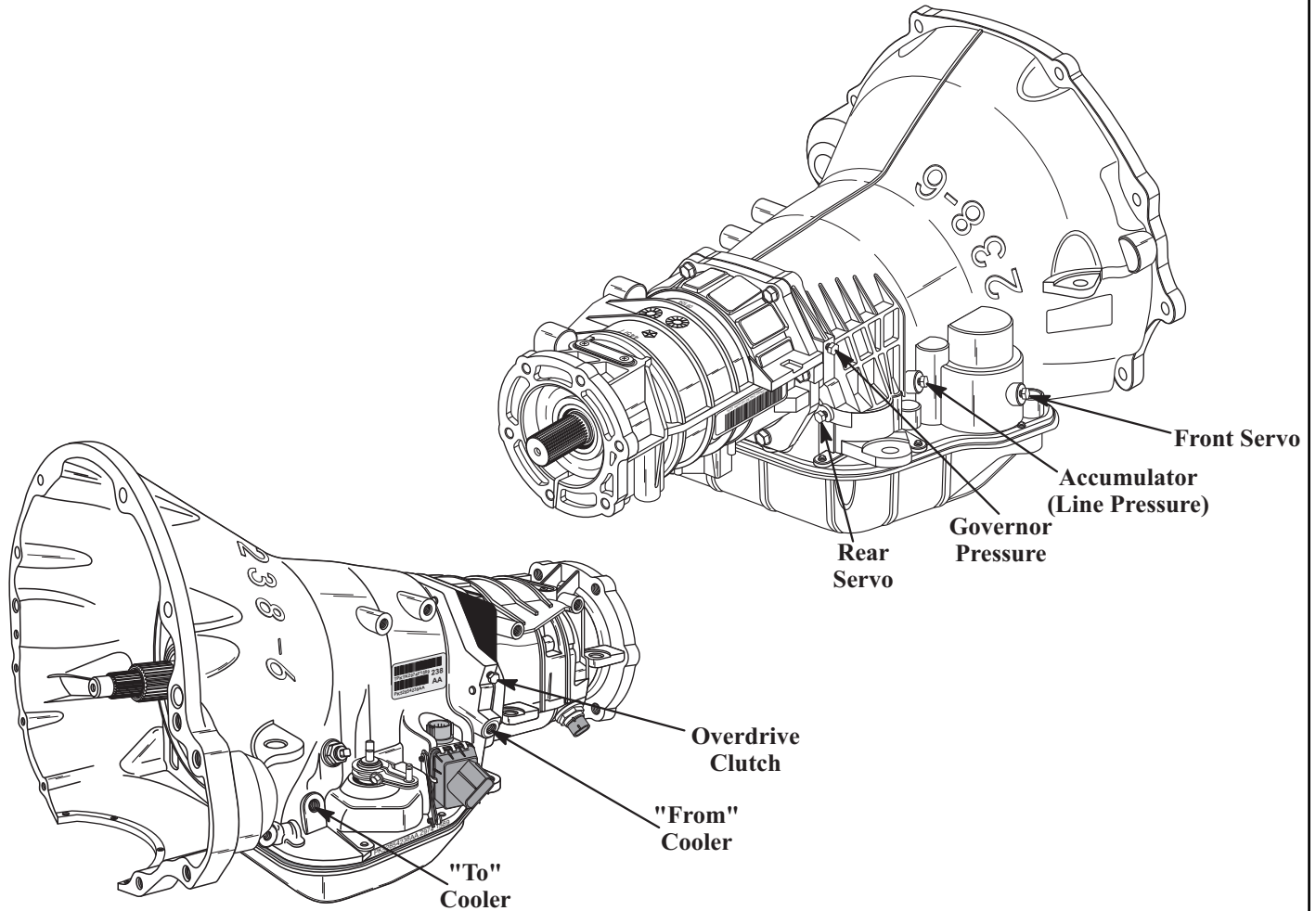


COMPONENT APPLICATION CHART

RANGE	GEAR	FWD CLUTCH	KICK DOWN BAND	HIGH REV CLUTCH	LOW REV BAND	LOW ROLLER CLUTCH	OVER DRIVE CLUTCH	DIRECT CLUTCH	OD ROLLER CLUTCH
REVERSE	R			ON	ON			ON	
OVER DRIVE	1ST	ON				ON		ON	ON
	2ND	ON	ON					ON	ON
	3RD	ON		ON				ON	ON
	4TH	ON		ON			ON		
D2	1ST	ON				ON		ON	ON
	2ND	ON	ON					ON	ON
D1	1ST	ON			ON	ON		ON	ON

A500 / A518 / 42RE / 46RE / 48RE

PORT LOCATION AND I.D.

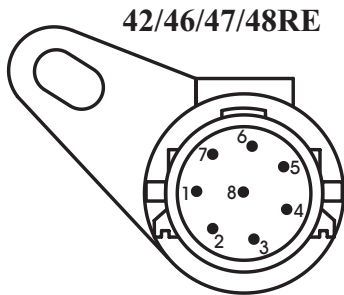


PRESSURE SPECIFICATIONS

GEAR	RPM STALL	O.D. CLUTCH TAP	FRONT SERVO TAP	ACCUM TAP	REAR SERVO TAP
1ST	1000			54 - 60	54 - 60
	STALL			90 - 96	90 - 96
2ND	1000			54 - 60	
	STALL			90 - 96	
3RD	1000		54 - 60	54 - 60	
	STALL		90 - 96	90 - 96	
4TH	*	85-93			
		NA			
REV	1600				145-175
	NA				230-280

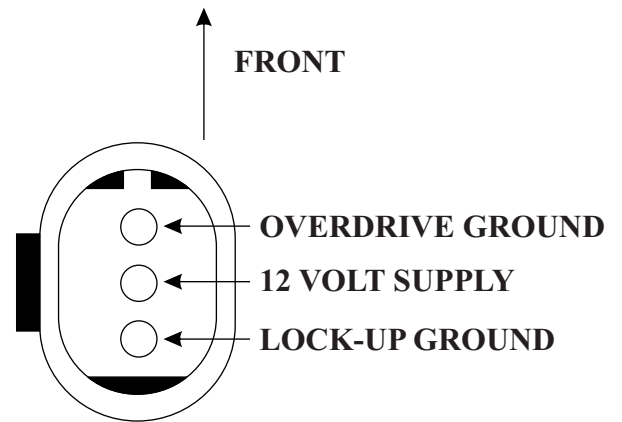
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SOLENOID/CONNECTOR ID AND RESISTANCE CHECK



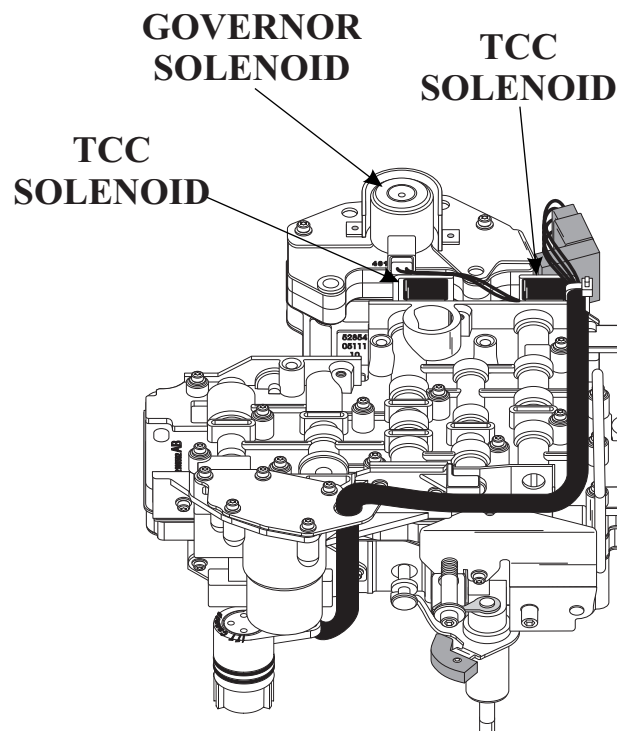
PIN	FUNCTION
1	12V POWER IN FROM TRANSMISSION CONTROL RELAY
2	5V FEED TO GOVERNOR PRESSURE SENSOR
3	GOVERNOR PRESSURE SENSOR GROUND
4	GOVERNOR PRESSURE SENSOR SIGNAL TO PCM
5	GROUND CONTROL, GOVERNOR PRESSURE SOLENOID
6	PCM GROUND FOR OVERDRIVE SOLENOID
7	PCM GROUND FOR CONVERTER CLUTCH SOLENOID
8	TRANSMISSION OIL TEMPERATURE SIGNAL TO PCM

A500/518



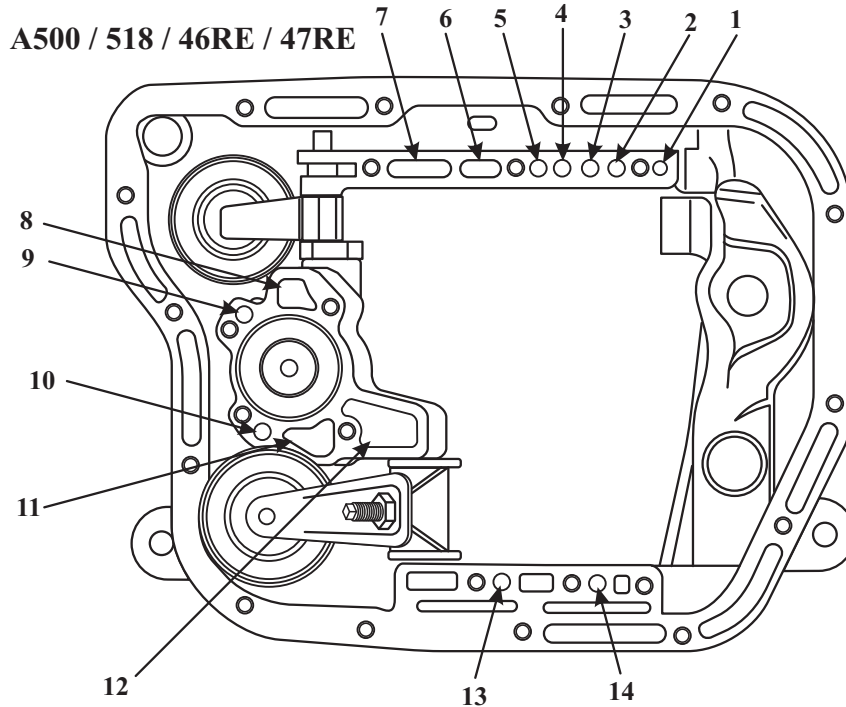
BOTH SOLENOIDS SHOULD READ 25-35 OHMS AT ROOM TEMPERATURE

THERMISTER	APPROX. 1000 OHMS AT 70°F
OD SOLENOID	25 - 40 AT 70°F
TCC SOLENOID	25 - 40 AT 70°F
GOVERNOR SOLENOID	3 - 5 AT 70°F

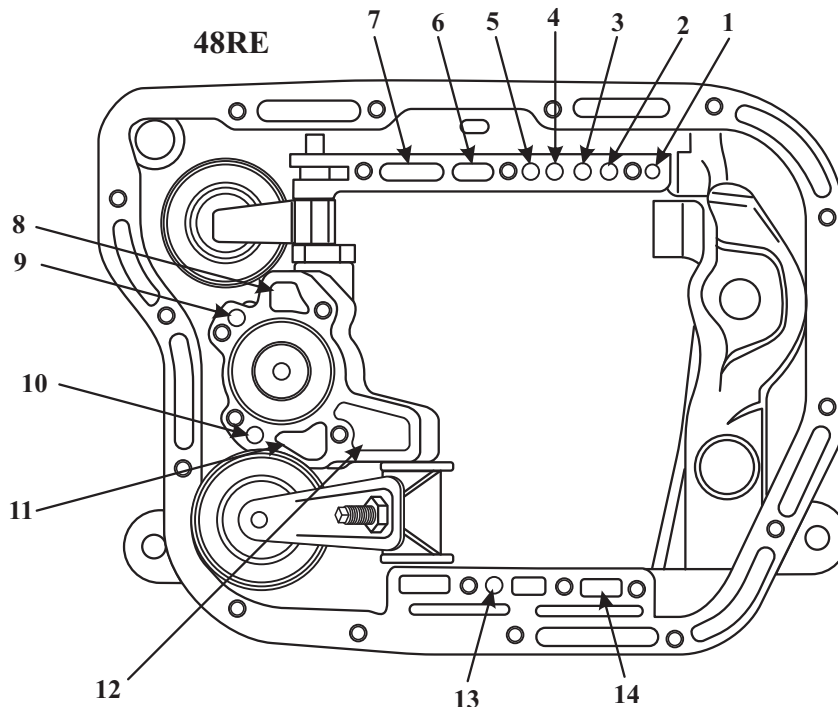


A500 / A518 / 42RE / 46RE / 48RE

CASE PASSAGE IDENTIFICATION

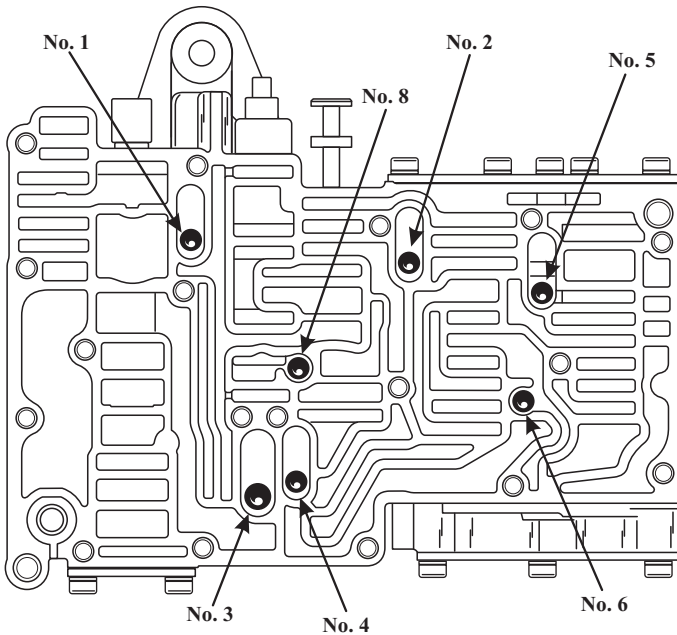


- | | |
|--------------------------------|-----------------------------------------|
| 1 "To" Cooler. | 8 Front Servo Release. |
| 2 From Torque Converter. | 9 Front Servo Apply. |
| 3 To Torque Converter. | 10 Rear Servo Apply. |
| 4 Rear (Forward) Clutch Apply. | 11 Line Pressure To Accumulator. |
| 5 Front (Direct) Clutch Apply. | 12 Control Pressure To 1-2 Accumulator. |
| 6 Pump Pressure. | 13 Overdrive Clutch Pre-Fill. |
| 7 Pump Suction. | 14 Overdrive Clutch Apply. |

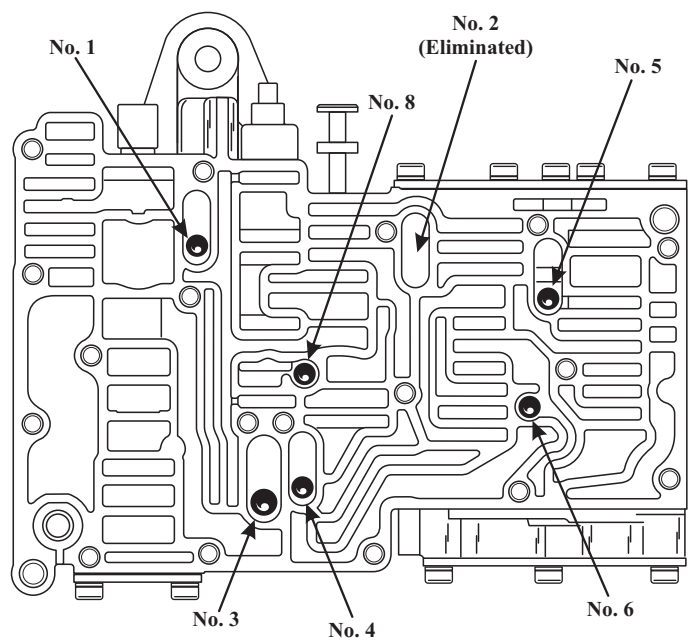


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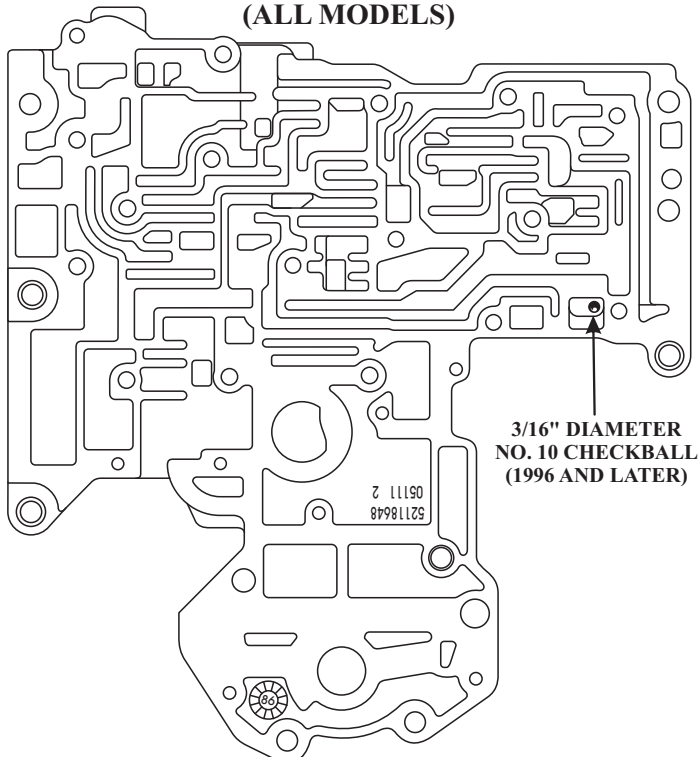
**46 & 47RE "UPPER" VALVE BODY
CHECKBALL LOCATIONS**



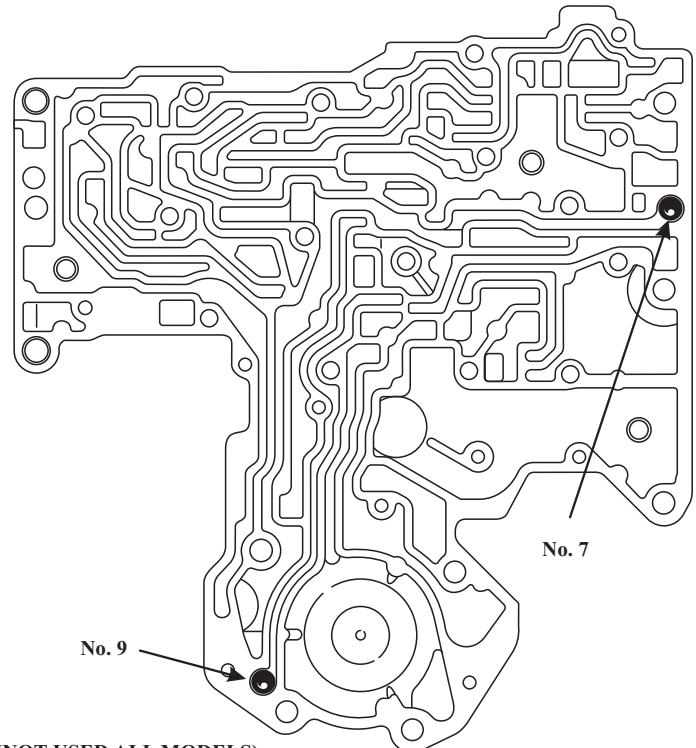
**48RE "UPPER" VALVE BODY
CHECKBALL LOCATIONS**



**TRANSFER PLATE "LOWER SIDE"
CHECKBALL LOCATIONS
(ALL MODELS)**



**TRANSFER PLATE "UPPER SIDE"
CHECKBALL LOCATIONS**



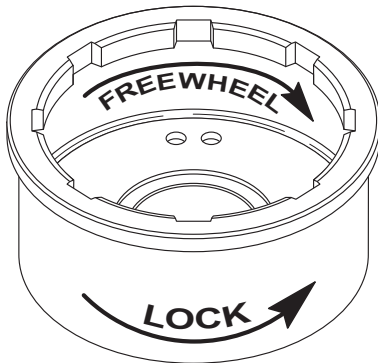
(NOT USED ALL MODELS)
1 HOLE IN SPACER = NO BALL
2 HOLES IN SPACER = CHECK BALL

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A500 / A518 / 42RE / 46RE / 48RE

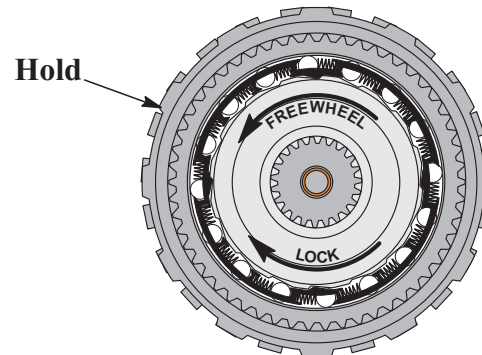
LOW ROLLER CLUTCH

**After Installation Low/Reverse Drum
Should Freewheel Clockwise And
Lock Counter-Clockwise**



OD ROLLER CLUTCH

**Inner Cam And Roller Clutch Should
Freewheel Counter-Clockwise And
Lock In Clockwise Direction**



FLUID CAPACITY

REFILL AFTER SERVICE.....4.0 QUARTS
DRY FILL..... 10.5 QUARTS

GEAR RATIOS

1ST.....2.45
2ND.....1.45
3RD.....1.00
4TH.....0.69
REVERSE.....2.20