

FORD AX4N ACCUMULATOR SPRING IDENTIFICATION

COMPLAINT: Shift quality complaints of various types, mostly harsh shift complaints, after the

transmission has been overhauled.

CAUSE: The accumulator springs may have been installed in incorrect positions, or the accumulator

piston shafts are scored or worn and are interfering with proper accumulator piston movement. It is also important to insure that multiple accumulator spring applications must have the springs wound in opposite directions of each other to avoid coil bind, as shown in

Figure 1.

CORRECTION: Ensure that the accumulator springs have been installed in their proper locations. Refer to

Figure 2 for accumulator spring identification and Figure 1 for position. We have also

provided you with the accumulator spring specifications in Figure 3.

SERVICE INFORMATION:

Part numbers for each accumulator spring is provided in the chart in Figure 2.

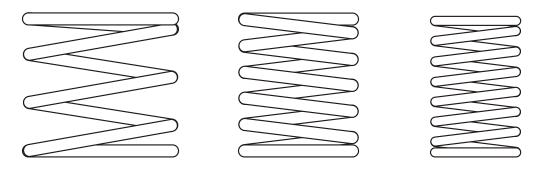
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ACCUMULATOR SPRINGS



SPRINGS ARE WOUND OPPOSITE OF EACH OTHER TO AVOID COIL BIND

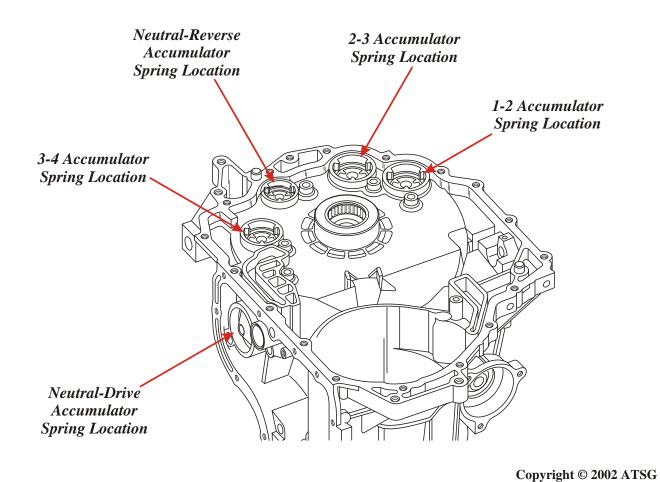


Figure 1
AUTOMATIC TRANSMISSION SERVICE GROUP

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	AX4N, 1-2	ACCUMULATOR SPRI	NGS	
ADDLICATION	INNER SPRING		OUTER SPRING	
APPLICATION	Color	Part Number	Color	Part Number
"All" Except "SHO"	None Used		No Color	F5DZ-7G267-A
All ''SHO'' V/8	No Color	*F7DZ-7D397-AA	Purple	F6DZ-7G267-A
* Service package which in	cludes piston.			
	ΔΥΛΝ 2-3	ACCUMUI ATOR SPRI	NGS	
	AX4N, 2-3 ACCUMULATOR SPRI INNER SPRING		OUTER SPRING	
APPLICATION	Color Part Number		Color	Part Number
''All Models''	+	-	Orange	F5DZ-7F285-A
Au Moaeis	IVO	None Used		F 3DZ-/F 203-A
	AX4N, 3-4	ACCUMULATOR SPRI	NGS	
APPLICATION	INNER SPRING		OUTER SPRING	
	Color	Part Number	Color	Part Number
''All Models''	None Used		Blue	F5DZ-7G266-A
ΔΥ/	IN NFIITΩΔΙ_R	EVERSE ACCUMULATO	OR SPRINGS	
APPLICATION	INNER SPRING		OUTER SPRING	
	Color	Part Number	Color	Part Number
1995-1997 ''All Models''	None Used		Green	F5DZ-7E485-A
1998-2001 ''All Models''	None Used		No Color	F80Z-7E485-BA
	•			
A	(4N, NEUTRAL-	DRIVE ACCUMULATOR	R SPRINGS	
APPLICATION	INNER SPRING		OUTER SPRING	
	Color	Part Number	Color	Part Number
1995 ''All Models''	None Used		No Color	F4DZ-7G300-A
1996-2001 ''All Models''	Brown	F50Z-7G301-A	Green	F50Z-7G300-A

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AX4N, 1-2 ACCUMULATOR SPRING "SPECIFICATIONS"							
COLOR	COLOR OUTSIDE DIAMETER		WIRE DIAMETER				
No Color (Outer)	1.316'' (33.43mm)	1.540'' (39.12mm)	.114'' (2.90mm)				
Purple (Outer)	Purple (Outer) 1.507" (38.28mm)		.121'' (3.07mm)				
No Color (Inner)	1.022'' (25.96mm)	.682'' (17.32mm)	.135'' (3.43mm)				
AX4N, 2-3 ACCUMULATOR SPRING "SPECIFICATIONS"							
COLOR	OUTSIDE DIAMETER	FREE LENGTH	WIRE DIAMETER				
Orange (Outer)	1.310'' (33.28mm)	1.222'' (31.04mm)	.110'' (2.79mm)				
	4N, 3-4 ACCUMULATOR SP						
COLOR	OUTSIDE DIAMETER	FREE LENGTH	WIRE DIAMETER				
Blue (Outer)	1.315'' (33.40mm)	1.485'' (37.72mm)	.113'' (2.87mm)				
AX4N, NEUTRAL-REVERSE ACCUMULATOR SPRING "SPECIFICATIONS"							
COLOR	OUTSIDE DIAMETER	FREE LENGTH	WIRE DIAMETER				
Green (Outer)	.965'' (24.52mm)	1.414'' (35.92mm)	.093'' (2.37mm)				
No Color (Outer)	.958'' (24.34mm)	1.402'' (35.61mm)	.092'' (2.34mm)				
AX4N, N	EUTRAL-DRIVE ACCUMULAT	OR SPRING "SPECIFICAT	TIONS"				
COLOR	OUTSIDE DIAMETER	FREE LENGTH	WIRE DIAMETER				
No Color (Outer)	1.373'' (34.87mm)	1.257'' (31.93mm)	.091'' (2.31mm)				
Brown (Inner)	1.164'' (29.57mm)	1.200'' (30.48mm)	.084'' (2.14mm)				
Green (Outer)	1.472'' (37.38mm)	1.219'' (30.96mm)	.102'' (2.59mm)				

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