

FORD AXOD, AXODE, AX4S 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

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

you with the accumulator spring specifications in Figure 3.

SERVICE INFORMATION:

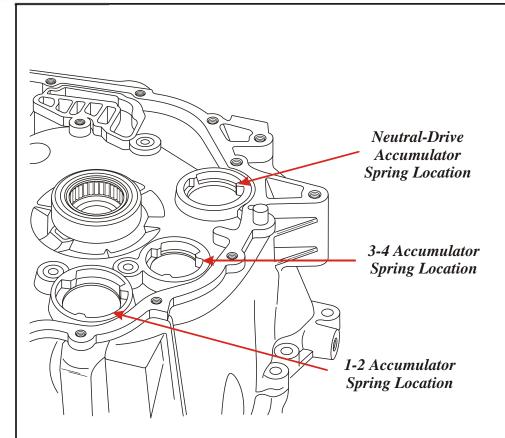
Part numbers for each accumulator spring is provided in the chart in Figure 2.

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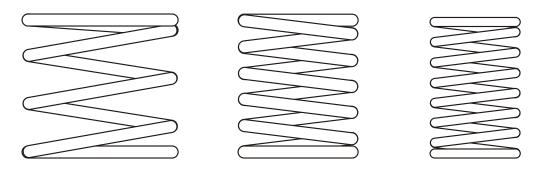
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ACCUMULATOR SPRINGS



SPRINGS ARE WOUND OPPOSITE OF EACH OTHER TO AVOID COIL BIND

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AXOD, AXODE, AX4S, NEUTRAL-DRIVE ACCUMULATOR SPRINGS					
APPLICATION	INNER SPRING		OUTER SPRING		
	Color	Part Number	Color	Part Number	
1986-1997 ''All Models''	Blue	E6DZ-7G301-A	Orange	E6DZ-7G300-A	
1995-1997 Windstar	Blue	E6DZ-7G301-A	Orange	E6DZ-7G300-A	
1998-2001 ''All Models''	None Used		Green	F8DZ-7G300-BA	

AXOD, AXODE, AX4S, 1-2 ACCUMULATOR SPRINGS						
APPLICATION	INNER SPRING		MIDDLE SPRING		OUTER SPRING	
APPLICATION	Color	Part Number	Color	Part Number	Color	Part Number
86-90 ''3.0 Liter''	Yellow	E6DZ-7G326-A	N	one Used	Yellow	E6DZ-7G267-A
88-90 ''3.8 Liter''	Brown	E8DZ-7G326-A	Brown	E8DZ-7G358-A	Lt. Brwn	E8DZ-7G267-A
91-94 ''All Models''	* Purple	*E8DZ-7G326-A	* Pink	*E8DZ-7G358-A	Lt. Brwn	E8DZ-7G267-A
95-97 ''All Models''	Dk.Brwn	F58Z-7G326-A	Pink	E8DZ-7G358-A	Dk.Brwn	F58Z-7G267-A
1995 Windstar	Dk.Brwn	F58Z-7G326-A	Pink	E8DZ-7G358-A	Dk.Brwn	F58Z-7G267-A
98-01 ''All Models''	* Purple	*E8DZ-7G326-A	None Used		Dk.Brwn	F58Z-7G267-A
1996-01 Windstar	Dk.Brwn	F58Z-7G326-A	N	one Used	Dk.Brwn	F58Z-7G267-A

^{*} Color changed, part number remained the same.

APPLICATION	INNER SPRING		OUTER SPRING	
AFFLICATION	Color	Part Number	Color	Part Number
1986-1990 3.0 Liter	Green	E6DZ-7F288-A	Dk. Green	E6DZ-7G266-A
1988 3.8L Lincoln	Green	E6DZ-7F288-A	Dk. Green	E6DZ-7G266-A
1988 3.8L Taurus/Sable	Green	E6DZ-7F288-A	Plain	E8DZ-7G266-A
1991-1997 3.0 Liter	Green	E6DZ-7F288-A	Dk. Green	E6DZ-7G266-A
1989-1997 3.8 Liter	Green	E6DZ-7F288-A	White	E9DZ-7G266-A
1998-2001 ''All Models''	Green	E6DZ-7F288-A	Yellow	F8DZ-7G266-AA

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AXOD, AXODE, A	AXOD, AXODE, AX4S, NEUTRAL-DRIVE ACCUMULATOR SPRING "SPECIFICATIONS"				
COLOR	OUTSIDE DIAMETER	FREE LENGTH	WIRE DIAMETER		
Blue (Inner)	1.014'' (25.75mm)	1.685'' (42.82mm)	.097'' (2.48mm)		
Orange (Outer)	1.480'' (37.61mm)	1.813'' (46.05mm)	.135'' (3.44mm)		
Green (Outer)	1.513'' (38.43mm)	1.880'' (47.46mm)	"Ovate" Wire (🔾)		
AXOD, AX	ODE, AX4S, 1-2 ACCUMULAT	OR SPRING "SPECIFICA	TIONS"		
COLOR	OUTSIDE DIAMETER	FREE LENGTH	WIRE DIAMETER		
Yellow (Inner)	1.180'' (29.99mm)	1.542'' (39.19mm)	.091'' (2.30mm)		
Brown (Inner)	.902'' (22.91mm)	1.507'' (38.28mm)	.084'' (2.15mm)		
Purple (Inner)	.902'' (22.91mm)	1.507'' (38.28mm)	.084'' (2.15mm)		
Dk. Brown (Inner)	1.202'' (30.55mm)	1.456'' (36.99mm)	.106'' (2.71mm)		
Brown (Middle)	1.216'' (30.89mm)	1.443'' (36.67mm)	.106'' (2.71mm)		
Pink (Middle)	1.205'' (30.61mm)	1.443'' (36.67mm)	.107'' (2.73mm)		
Yellow (Outer)	1.559'' (39.60mm)	1.450'' (36.83mm)	.126'' (3.22mm)		
Lt. Brown (Outer)	1.587'' (40.31mm)	1.408'' (35.77mm)	.126'' (3.22mm)		
Dk. Brown (Outer)	1.595'' (40.52mm)	1.490'' (37.85mm)	.126'' (3.22mm)		
AXOD, AX	ODE, AX4S, 3-4 ACCUMULA	TOR SPRING "SPECIFICA	ATIONS"		
COLOR	OUTSIDE DIAMETER	FREE LENGTH	WIRE DIAMETER		
Green (Inner)	.898'' (22.81mm)	1.439'' (36.55mm)	.081'' (2.06mm)		
Dk. Green (Outer)	1.189'' (30.21mm)	1.484'' (37.69mm)	.092'' (2.34mm)		
Plain (Outer)	1.175'' (29.85mm)	1.690'' (42.93mm)	.098'' (2.49mm)		
White (Outer)	1.181'' (30.00mm)	1.785'' (45.34mm)	.099'' (2.52mm)		
Yellow (Outer)	1.183'' (30.05mm)	1.735'' (44.07mm)	.098'' (2.49mm)		

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