



FORD

BORG-WARNER 12

1972-74 ALL V8 400



FM37

	FM37						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12"	29	1.375"	1.937" EARS	4 STUDS	NONE	
EXTENDED PILOT & CUP SHAPED 11 1/2" BOLT CIRCLE							

JATCO 3N71B

1977-80 GRANADA, MONARCH 6 CYL. 250, 4.1L

FM54

	FM54						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 3/4"	18	1.375"	1.654" FLATS	4 STUDS	NONE	
10 1/2" BOLT CIRCLE							

2 SPEED - ALUMINUM CASE

1959-62	223 6 CYL., 292 V8	FM7	1963-64	170, 200 6 CYL	FM13
1959-62	352 V8	FM8	1963-64	221, 260, 289	FM14
1960-62	140, 170 6 CYL	FM9	1963-64	223 6 CYL, 292 V8	FM6
1960-62	170 6 CYL	FM10	1963-64	260, 289 V8	FM22
1962	221, 260 V8	FM11	1963-64	352 V8	FM16
1963-64	140, 170 6 CYL	FM12			

3 SPEED (C/M & FMX)

1958-62	272, 292 V8	FM1	1963-64	260, 289 V8	FM19
1958-62	332, 352, 390 V8	FM2	1965-72	240 6 CYL, 289, 302 V8	FM24
1959-63	292 V8	FM2A	1968-76	240, 300, 302, 351, 400	FM38
1963-67	352, 390 V8	FM2X	1968-76	390 V8	FM39
1958-61	LINCOLN 410, 430	FM3	1973-74	302, 351, 400 V8 W / PHA	FM35
1962-65	LINCOLN	FM3X	1977-80	240, 300, 302, 351, 400	FM48

FM1					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
12"	17	1.572"	DRIVE EARS	4 STUDS	NONE
11 1/2" BOLT CIRCLE MOUNTING STUDS ATOP 3/32" THICK BASE					

FM2A					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
12"	29	1.572"	DRIVE EARS	4 STUDS	NONE
11 1/2" BOLT CIRCLE MOUNTING STUDS ATOP 3/32" THICK BASE					

FM2					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
12"	29	1.850"	DRIVE EARS	4 STUDS	NONE
11 1/2" BOLT CIRCLE MOUNTING STUDS ATOP 3/32" THICK BASE ID CODE: 23, 30					

FM2X					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
12"	29	1.850"	DRIVE EARS	4 STUDS	NONE
11 1/2" BOLT CIRCLE MOUNTING STUDS ATOP 3/16" THICK BASE					

CONSOLIDATED VEHICLE CONVERTERS

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FM3					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
12"	31	1.850"	DRIVE EARS	4 STUDS	NONE
11 1/2" BOLT CIRCLE MOUNTING STUDS ATOP 3/32" THICK BASE					

FM11					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
10 1/4"	31	1.375"	LARGE NOTCH	4 STUDS	NONE
9 5/16" BOLT CIRCLE ID CODE: PCL, PCM, PCN, PCP, PFC, PZB					

FM3X					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
12"	31	1.850"	DRIVE EARS	4 STUDS	NONE
11 1/2" BOLT CIRCLE MOUNTING STUDS ATOP 3/16" THICK BASE					

FM12					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
10 1/4"	31	1.375"	MILL FLATS	4 STUDS	NONE
WITH COOLING SHROUD 132 TOOTH RING GEAR 9 5/16" BOLT CIRCLE, ID CODE: PCL, PCM					

FM6					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
12"	31	1.572"	MILL FLATS	3 TABS	NONE
12 3/4" BOLT CIRCLE ID CODE: PCHB					

FM13					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
10 1/4"	31	1.375"	MILL FLATS	4 STUDS	NONE
132 TOOTH RING GEAR 9 5/16" BOLT CIRCLE ID CODE: PCME, PCMF, PCMG					

FM7					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
12"	31	1.572"	LARGE NOTCH	3 TABS	NONE
12 3/4" BOLT CIRCLE ID CODE: PBP, PBR, PCH, PCJ					

FM14					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
11"	31	1.375"	MILL FLATS	4 STUDS	NONE
ID CODE: PCBN					

FM8					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
12"	31	1.850"	LARGE NOTCH	3 TABS	NONE
12 3/4" BOLT CIRCLE ID CODE: PBS, PCK					

FM16					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
12"	31	1.850"	MILL FLATS	3 TABS	NONE

FM9					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
10 1/4"	31	1.375"	LARGE NOTCH	4 STUDS	NONE
WITH COOLING SHROUD 132 TOOTH RING GEAR 9 5/16" BOLT CIRCLE					

FM19					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
11"	29	1.375"	DRIVE EARS	4 STUDS	NONE
DIMPLED PRIMARY					

FM10					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
10 1/4"	31	1.375"	LARGE NOTCH	4 STUDS	NONE
NO COOLING SHROUD 132 TOOTH RING GEAR 9 5/16" BOLT CIRCLE					

FM22					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
11"	31	1.375"	MILL FLATS	4 STUDS	NONE

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FM24					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
12"	29	1.375"	DRIVE EARS	4 STUDS	NONE
11 1/2" BOLT CIRCLE					

FM39					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
12"	29	1.850"	MILL FLATS	4 STUDS	NONE
11 1/2" BOLT CIRCLE ID CODE: 57					



FM35					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
11"	29	1.375"	MILL FLATS	4 STUDS	NONE
EXTENDED PILOT & CUP SHAPED 10 7/16" BOLT CIRCLE ID CODE: CC					



FM48					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
12 3/4"	29	1.375"	MILL FLATS	4 STUDS	NONE
DIMPLED PRIMARY 11 1/2" BOLT CIRCLE, ID CODE: 49, 54, 56, 84, 85 MAY INTERCHANGE WITH FM38					



FM38					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
12 1/4"	29	1.375"	MILL FLATS	4 STUDS	NONE
SMOOTH PRIMARY 11 1/2" BOLT CIRCLE, ID CODE: 49, 54, 56 MAY INTERCHANGE WITH FM48					

C3 TRANSMISSION

1974-ON	2.3L 4 CYL. PINTO, BOBCAT	.750" PILOT	FM41 FM42 FM42S FM42S FM52 FM52LS FM52S
1975-78	2.3L 4 CYL, 2.8L 6 CYL PINTO, BOBCAT	.750" PILOT	
1980-ON	CAPRI, MERKUR, MUSTANG (PARTIAL)	.750" PILOT	
1985	MERKUR 2.3L TURBO, CAPRI	.750" PILOT	
1978-ON	2.3L 4 CYL	1.375" PILOT	
1978-ON	2.8L 6 CYL	1.375" PILOT	
1980-ON	3.3L 6 CYL GRANADA	1.375" PILOT	

	FM41						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	9"	21	.825" .750"	MILL FLATS	3 PADS	NONE	
8 3/4" BOLT CIRCLE ID CODE: 74, DT							





	FM42						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	21	.825" .750"	MILL FLATS	3 PADS	NONE	
9 1/4" BOLT CIRCLE ID CODE: AA, LF, LG, NC, RA, TC							

	FM42S						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	21	.825" .750"	MILL FLATS	4 STUDS	NONE	
9" BOLT CIRCLE ID CODE: A1071							

CONSOLIDATED VEHICLE CONVERTERS

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C3 TRANSMISSION CONTINUED

		FM52						
		DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
		10"	21	1.375" EXT	MILL FLATS	3 PADS	NONE	
		9" BOLT CIRCLE HIGH STALL, DIMPLES ANGLE TO THE RIGHT						
	FM52LS							
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH		
	10"	21	1.375" EXT	MILL FLATS	3 PADS	NONE		
		9" BOLT CIRCLE LOW STALL, DIMPLES ANGLE TO THE LEFT						
	FM52S							
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH		
	10"	21	1.375" EXT	MILL FLATS	4 STUDS	NONE		
		9 1/4" BOLT CIRCLE LOW STALL, DIMPLES ANGLE TO THE LEFT						



C4, C5 NON LOCK-UP

ALL WITH 24 SPLINE INPUT		ID CODE	
1964	223 6 CYL	P	FM17
1965-69	289, 302	AB, N	FM18
1965-69	170, 200 6 CYL	R, X, Z	FM20
1965-69	170, 240, 250, 289, 302, 351	AC, V	FM21
ALL WITH 26 SPLINE INPUT & .550" PILOT			
1971-74	CAPRI 140		CP1
ALL WITH 26 SPLINE INPUT & .750" PILOT			
1971-73	CAPRI 171 WITH COOLING SHROUD		CP2
	CAPRI 171 WITHOUT COOLING SHROUD		CP3
1974-78	140, 170 CAPRI, MUSTANG, PINTO		FM40-4
1974-84	6 CYL BRONCO, MUSTANG, RANGER		FM40-6
ALL WITH 26 SPLINE INPUT & .825" PILOT		ID CODE	
1971-83	122, 140 PINTO, 2.3L RANGER	BU	FM32
1971-73	CAPRI 171		CP4
1973-75	CAPRI 2.8L		CP5
ALL WITH 26 SPLINE INPUT & 1.375" PILOT		ID CODE	
1969-76	ALL 11"	BP	FM18A
1969-76	ALL 12" (SMOOTH PRIMARY)	BM, BN, BR	FM21A
1970-81	170, 200 COMET, FAIRMONT, MAVERICK, MUSTANG & ZEPHYR	BT	FM20A
1974-76	E100, F100 302CI	CM	FM35A
1975-81	302 CAPRI & MUSTANG	CP, DS	FM36
1977-81	ALL 12" (DIMPLED PRIMARY)	DB, DC, DD, DF, DH, DX, FB	FM31
1979-83	3.3L		FM49
1979-83	200 6 CYL COUGAR, MUSTANG		CP6

CONSOLIDATED VEHICLE CONVERTERS

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C4, C5 NON LOCK-UP CONTINUED



	CP1						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/2"	26	.550"	MILL FLATS	4 PADS	NONE	
WITH COOLING SHROUD							



	CP2						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/2"	26	.750"	MILL FLATS	4 STUDS	NONE	
WITH COOLING SHROUD							

	CP3						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/2"	26	.750"	MILL FLATS	4 STUDS	NONE	
NO COOLING SHROUD							

	CP4						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/2"	26	.825"	MILL FLATS	4 STUDS	NONE	
HIGH STALL							

	CP5						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/2"	26	.825"	MILL FLATS	4 STUDS	NONE	
LOW STALL							















	CP6						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12"	26	1.375" EXT	MILL FLATS	4 STUDS	NONE	
UNIT HAS EXTENDED PILOT							

	FM17						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	24	1.572"	MILL FLATS	4 STUDS	NONE	
THIN WALLED IMPELLER HUB ID CODE: P							

CONSOLIDATED VEHICLE CONVERTERS

FORD













C4, C5 NON LOCK-UP CONTINUED

	FM18						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	24	1.375"	MILL FLATS	4 STUDS	NONE	
10 7/16" BOLT CIRCLE ID CODE: AB, N							
	FM18A						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	26	1.375"	MILL FLATS	4 STUDS	NONE	
10 7/16" BOLT CIRCLE ID CODE: BP							
	FM20						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	24	1.375"	MILL FLATS	4 STUDS	NONE	
132 TOOTH RING GEAR 9 1/4" BOLT CIRCLE ID CODE: R, X, Z							
	FM20A						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	26	1.375"	MILL FLATS	4 STUDS	NONE	
132 TOOTH RING GEAR 9 1/4" BOLT CIRCLE ID CODE: BT							
	FM21						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 1/4"	24	1.375"	MILL FLATS	4 STUDS	NONE	
11 5/16" BOLT CIRCLE ID CODE: AC, V							
	FM21A						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 1/4"	26	1.375"	MILL FLATS	4 STUDS	NONE	
11 5/16" BOLT CIRCLE ID CODE: BM, BN, BR SMOOTH PRIMARY – MAY INTERCHANGE WITH FM31							
	FM31						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	26	1.375"	MILL FLATS	4 STUDS	NONE	
11 5/16" BOLT CIRCLE ID CODE: DB, DD, DF, DH DIMPLED PRIMARY – MAY INTERCHANGE WITH FM21A							

CONSOLIDATED VEHICLE CONVERTERS

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C4, C5 NON LOCK-UP CONTINUED

	FM32						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	26	.825" 1" LONG	MILL FLATS	4 STUDS	NONE	
9 1/4" BOLT CIRCLE ID CODE: BU							
	FM35A						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	26	1.375" EXTEND	MILL FLATS	4 STUDS	NONE	
EXTENDED PILOT & CUP SHAPED 10 1/2" BOLT CIRCLE ID CODE: CM							
	FM36						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	26	1.375"	MILL FLATS	4 STUDS	NONE	
1.375" PILOT .826" LONG 9 1/4" BOLT CIRCLE ID CODE: CP, DS							
	FM40-4						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	26	.750"	MILL FLATS	4 STUDS	NONE	
.750" PILOT .826" LONG 9 1/4" BOLT CIRCLE HIGH STALL, DIMPLES ANGLE 45 DEGREES							
	FM40-6						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	26	.750"	MILL FLATS	4 STUDS	NONE	
.750" PILOT .826" LONG 9 1/4" BOLT CIRCLE LOW STALL, DIMPLES ARE STRAIGHT							
	FM49						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/2"	26	1.375"	MILL FLATS	4 STUDS	NONE	
PILOT 7/8" LONG HUB 2 11/16" LONG LOW STALL							



CONSOLIDATED VEHICLE CONVERTERS

FORD

C5 LOCKUP

1982-ON ALL



FM58



	FM58						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	26	1.375"	MILL FLATS	4 STUDS	OMITTED	
1.375" PILOT 7/8" LONG CENTRIFUGAL CLUTCH OMITTED 11 5/16" BOLT CIRCLE, ID CODE: FS, FY, FX, GB							



C6 TRANSMISSION



1965-76 352, 390, 410, 428, 429, 460, 462
 1971-74 351 HIGH PERFORMANCE MUSTANG, GT, TORINO, COBRA JET
 1971 351 HIGH PERFORMANCE, 428, 429
 1971-93 ALL 351 EXCEPT ABOVE, 429, 460
 1994 ALL 6.9L, 7.3L DIESEL
 1994-97 ALL 4.9L & 7.5L WITH STRAIGHT DIMPLES
 ALL 5.8L WITH DIMPLES ANGLED TO THE RIGHT
 ALL WITH DIMPLES ANGLED TO THE LEFT



FM23
FM33
FM34
FM43
FM53D
FM53
FM53HS
FM53LS

	FM23						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	31	1.848"	MILL FLATS	4 STUDS	NONE	
SMOOTH PRIMARY 8 BOSS FRONT COVER 11 1/2" BOLT CIRCLE							

	FM33						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	31	1.375"	MILL FLATS	4 STUDS	NONE	
9 1/4" BOLT CIRCLE							

	FM34						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	31	1.375"	MILL FLATS	8 STUDS	NONE	
9 1/4" BOLT CIRCLE							



	FM43						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	31	1.375"	MILL FLATS	4 STUDS	NONE	
SMOOTH PRIMARY, 11 1/2" BOLT CIRCLE ID CODE: 64, 65, ZZ ALSO AVAILABLE FOR HEAVY DUTY APPLICATIONS FM43FB							



	FM53						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	31	1.375"	MILL FLATS	4 STUDS	NONE	
DIMPLED PRIMARY, 11 1/2" BOLT CIRCLE MEDIUM STALL, DIMPLES ANGLED SLIGHTLY LEFT MAY USE FM53LS							



CONSOLIDATED VEHICLE CONVERTERS

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C6 TRANSMISSION *CONTINUED*

	FM53D						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	31	1.375"	MILL FLATS	4 EXT STUDS	NONE	
DIMPLED PRIMARY, STUDS HAVE EXTENDED TIPS 11 1/2" BOLT CIRCLE							



	FM53HS						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	31	1.375"	MILL FLATS	4 STUDS	NONE	
DIMPLED PRIMARY 11 1/2" BOLT CIRCLE HIGH STALL, DIMPLES ANGLE 45 DEGREES TO RIGHT							

	FM53LS						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	31	1.375"	MILL FLATS	4 STUDS	NONE	
DIMPLED PRIMARY, 11 1/2" BOLT CIRCLE LOW STALL, DIMPLES ANGLE 45 DEGREES TO LEFT MAY USE FM53							

RE4-F04A / V

1992-02 FORD VILLAGER 3.0L

DA42

	DA42						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 3/4"	20	.785"	SLOTS	4 LUGS	YES	
PRIMARY MAY CONTAIN 2 OR 3 ROWS OF DIMPLES 9" BOLT CIRCLE ID CODE: GB, GD, GE, GF							

A4LD, 4R44, 4R55, 5R55

ALL WITH 1.375" PILOT

INCLUDES EXPLORER, JAGUAR, LINCOLN LS, MOUNTAINEER & THUNDERBIRD

NOTE: The 5R55N/S/W converter is prone to weak and/or broken spring clips, and a worn mating piston causes noise in this unit. Attempts to repairing or replacing the spring clips have proven to be a temporary fix at best. The Sonnax clutch conversion plate uses the existing damper, but converts the clutch from a 2 to a 1 friction ring piston **with no noise issues** like the OEMs.

ALL 3.0L
REBUILT WITH SONNAX CLUTCH CONVERSION PLATE

**FM79-4
FM79-4X**





ALL 3.9, 4.6L
REBUILT WITH SONNAX CLUTCH CONVERSION PLATE

**FM79
FM79X**

CONSOLIDATED VEHICLE CONVERTERS

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A4LD, 4R44, 4R55, 5R55 CONTINUED

	FM79						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	21	1.375"	MILL FLATS	8 STUDS	YES	
LOW STALL 8 7/8" BOLT CIRCLE ID CODE: STAMPED 3L2P-CA, 4L2P-CA							
	FM79-4						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	21	1.375"	MILL FLATS	4 STUDS	YES KEVLAR	
8 7/8" BOLT CIRCLE ID CODE: STAMPED XW4P-BD							

ALL WITH .750" PILOT

ALL 2.3L

1996-01 RANGER
2001-08 RANGER

ID CODE

AA, BA, BEA, BFA, DA, EA, FA, FDA, FAO, FCA, HCA, HAD
1L5AB, 1L5AC, 1L5AD, ETC

FM51
FM66N

ALL 2.5L

1998-99 RANGER

AA, BA, BEA, BFA, DA, EA, FA, FDA, FAO, FCA, HCA, HAD

FM51

ALL 2.9L

1990-94 RANGER

AA, BA, BEA, BFA, DA, EA, FA, FDA, FAO, FCA, HCA, HAD

FM51

ALL 3.0L

1996-97 AEROSTAR
1996-99 RANGER
2001 MAZDA B3000
2001-03 RANGER

AA, BA, BEA, BFA, DA, EA, FA, FDA, FAO, FCA, HCA, HAD
AA, BA, BEA, BFA, DA, EA, FA, FDA, FAO, FCA, HCA, HAD
1L5AB, 1L5AC, 1L5AD, ETC
1L5AB, 1L5AC, 1L5AD, ETC



FM51
FM51
FM66N
FM66N

ALL 4.0L

1996-97 AEROSTAR
1996-03 EXPLORER
1997-04 MOUNTAINEER
2005-06 MUSTANG
1996-03 RANGER
2001-03 SPORT TRAC

AA, AF, BAA, BAB, DAA, FEA, HFB, HFC, HFC, HFD, HKA, SDAA
AA, AF, BAA, BAB, DAA, FEA, HFB, HFC, HFC, HFD, HKA, SDAA
AA, AF, BAA, BAB, DAA, FEA, HFB, HFC, HFC, HFD, HKA, SDAA
4R3P-AD
AA, AF, BAA, BAB, DAA, FEA, HFB, HFC, HFC, HFD, HKA, SDAA
AA, AF, BAA, BAB, DAA, FEA, HFB, HFC, HFC, HFD, HKA, SDAA



FM78
FM78
FM78
FM30
FM78
FM78



	FM30						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/4"	21	.750"	MILL FLATS	4 STUDS	MULTIPLE	
.750" SOLID PILOT APPROXIMATELY 7/8" LONG, 10 X 1.00 THREADS, 8 13/16" BOLT CIRCLE, ID CODE: 4R3P							



CONSOLIDATED VEHICLE CONVERTERS



FORD

A4LD, 4R44, 4R55, 5R55 CONTINUED



	FM51						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	21	.750" STEPPED	MILL FLATS	4 STUDS	YES	
9 3/16" BOLT CIRCLE, HIGH STALL STEPPED PILOT VARIES IN LENGTH 1 5/16" - 1 7/16"							

	FM66						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	21	.750"	MILL FLATS	4 STUDS	YES	
9 3/16" BOLT CIRCLE HIGH STALL STEPPED PILOT LENGTH 15/16" ID CODE: CA, CE, DE							

	FM66LS						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	21	.750"	MILL FLATS	4 STUDS	YES	
9 3/16" BOLT CIRCLE LOW STALL STEPPED PILOT LENGTH 15/16" ID CODE: BE, GA, 97HJC							

	FM66N						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	21	.825"	MILL FLATS	4 STUDS	YES	
9 3/16" BOLT CIRCLE HIGH STALL NON-STEPPED PILOT LENGTH 1 3/16" ID CODE: IL5AB, IL5AC, IL5AD, YL2AB, YL2BA, 2L5AA							

NOTE: UNITS WITH ID CODES AF, BAA, & BAB ARE MANUFACTURED BY FORD WITH MULTIPLE CLUTCH PLATE ASSEMBLIES, CVC REPLACES THESE WITH A SINGLE PLATE ASSEMBLY FOR LONGEVITY

	FM78						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	21	.750" STEPPED	MILL FLATS	4 STUDS	YES	
9 3/16" BOLT CIRCLE, LOW STALL STEPPED PILOT VARIES IN LENGTH 1 5/16" - 1 7/16"							







CONSOLIDATED VEHICLE CONVERTERS

FORD

AOD, FIOD

1980-93 6 CYL 3.8L TURBO, 4.9L
V8 302
V8 351

FM55C
FM55B
FM55

	FM55						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	35	1.375"	MILL FLATS	4 STUDS	YES	
LOW STALL 11 7/16" BOLT CIRCLE ID CODE: 7A, 14A, 15A							
	FM55B						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	35	1.375"	MILL FLATS	4 STUDS	YES	
MEDIUM STALL 11 7/16" BOLT CIRCLE ID CODE: 11A, 13A, 39A, 46A							
	FM55C						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	35	1.375"	MILL FLATS	4 STUDS	YES	
HIGH STALL 11 7/16" BOLT CIRCLE ID CODE: 18A, 19A, 30A, 36A, 37A, 44A, 56A							

AODE / 4R70W / 4R75W

ALL 3.8L ENGINES

1994-95 THUNDERBIRD SUPERCOUPE **FM69LS**
1994-95 COUGAR, MUSTANG,
THUNDERBIRD **FM69HS**
1994-95 MARK VIII **FM70**
1996-97 COUGAR, MUSTANG,
THUNDERBIRD **FM69**
1998-03 MUSTANG **FM69HS**

ALL 4.6L ENGINES *CONTINUED*

1996-98 F150 **FM69HS**
1996-98 MARK VIII **FM70**
1996-03 MUSTANG GT **FM70**
1997-03 E150, E250 **FM69**
1997-99 F250 **FM69HS**
1997-00 EXPEDITION **FM69HS**
1998-03 TOWN CAR **FM70**
1999-07 CROWN VIC POLICE
HIGH OUTPUT **FM70P**
2001-03 EXPEDITION **FM69**

ALL 4.2L ENGINES

1996-07 ALL **FM69**

ALL 4.6L ENGINES

1992-94 GRAND MARQUIS,
CROWN VIC, CROWN VIC
POLICE & TOWN CAR **FM69HS**
1994-97 COUGAR, THUNDERBIRD **FM69**
1995-98 CROWN VIC POLICE **FM69**
1995-03 GRAND MARQUIS,
CROWN VIC **FM69**
1995-97 TOWN CAR **FM69**

ALL 5.0L ENGINES

1994-96 E150, F150 **FM69**
1996-00 EXPLORER **FM69HS**











ALL 5.4L ENGINES

1999-06 ALL EXCEPT 2005
EXPEDITION **FM69LS**
2005 EXPEDITION **FM69**

CONSOLIDATED VEHICLE CONVERTERS

FORD

AODE / 4R70W CONTINUED

	FM69						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	31	1.375"	MILL FLATS	4 STUDS	YES	
PILOT 3/4" LONG, 11 3/8" BOLT CIRCLE MEDIUM STALL, STUDS ATOP ROUND OR OVAL BASE ID CODE: 51A, 61A, 65A, 69A							
	FM69HS						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	31	1.375"	MILL FLATS	4 STUDS	YES	
PILOT 3/4" LONG, 11 3/8" BOLT CIRCLE HIGH STALL, STUDS ATOP ROUND OR OVAL BASE ID CODE: 77A, 82A, 97A, 98A							
	FM69LS						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	31	1.375"	MILL FLATS	4 STUDS	YES	
PILOT 3/4" LONG, 11 3/8" BOLT CIRCLE LOW STALL, STUDS ATOP ROUND OR OVAL BASE ID CODE: 71A, 84A, 99A							
	FM70						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 7/8"	31	1.375"	MILL FLATS	4 STUDS	YES	
PILOT 3/4" LONG, 10 5/8" BOLT CIRCLE STUDS ATOP ROUND OR OVAL BASE ID CODE: 52A, 62A, 70A, 74A, 81A							
	FM70P						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 7/8"	31	1.375"	MILL FLATS	4 STUDS	YES	
PILOT 3/4" LONG, 10 5/8" BOLT CIRCLE, STUDS ATOP ROUND OR OVAL BASE, UNIT CONTAINS STATOR BEARING, FURNACE BRAZED PRIMARY AND TURBINE, LATE STYLE CLUTCH METAL STAMP: 327A, B400							

FORD


E40D, 4R100
ALL WITH 4 STUDS

PLEASE CHECK FIN ANGLE & LENGTH OF STUDS

1989-01	4.9L, 5.4L SUPERCHARGED, 6.8L, 7.5L GAS	FM64LS	HEAVY DUTY VERSION ORDER FM64LSHD
	5.0L, 5.4L (EXCEPT 5.4L SC) & 5.8L	FM64	HEAVY DUTY VERSION ORDER FM64HD
	7.3L DIESEL	FM64D	HEAVY DUTY VERSION ORDER FM64LSHD
	7.3L INTERNATIONAL DIESEL	FM64LS	HEAVY DUTY VERSION ORDER FM64LSHD
1999	6.8L V-10, F250	FM64LS	HEAVY DUTY VERSION ORDER FM64LSHD

CVC REMANUFACTURES DIESEL & HEAVY DUTY UNITS WITH
RAYBESTOS POWERTORQUE HEAVY DUTY CLUTCH MATERIAL.



RAYBESTOS POWERTORQUE ADVANTAGES INCLUDE *GREATER HOLDING & TORQUE CAPACITY, POSITIVE LOCK-UP, HIGHER TEMPERATURE CAPACITY, HIGHER DENSITY & INCREASED DURABILITY FOR LONGER LIFE. 25% HIGHER FRICTION LEVELS MAKE IT "DIESEL TOUGH."*

	FM64						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	31	1.375"	MILL FLATS	4 STUDS	YES	
PILOT 1 1/4" LONG HIGH STALL 11 3/8" BOLT CIRCLE ID CODE: A, E, F, H, M, O, U, AA, SS							
	FM64HD						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	31	1.375	MILL FLATS	4 STUDS	POWER TORQUE	
PILOT 1 1/4" LONG HIGH STALL, 11 3/8" BOLT CIRCLE, FACTORY COVER REPLACED WITH ONE PIECE BILLET COVER							
	FM64D						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	31	1.375"	MILL FLATS	4 STUDS	YES	
PILOT 1 1/4" LONG LOW STALL, 11 3/8" BOLT CIRCLE, FACTORY COVER REPLACED WITH ONE PIECE BILLET COVER							
	FM64LS						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	31	1.375"	MILL FLATS	4 STUDS	YES	
PILOT 1 1/4" LONG LOW STALL 11 3/8" BOLT CIRCLE, ID CODE: L, N, R, W							

CONSOLIDATED VEHICLE CONVERTERS

FORD



E40D, 4R100 CONTINUED



	FM64LSHD						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	31	1.375"	MILL FLATS	4 STUDS	YES	
PILOT 1 1/4" LONG LOW STALL, 11 3/8" BOLT CIRCLE, FACTORY COVER REPLACED WITH ONE PIECE BILLET COVER							



ALL WITH 6 STUDS



PLEASE CHECK FIN ANGLE & LENGTH OF STUDS



1992-98	6.0L, 6.8L & 7.5L GAS	FM64Q	HEAVY DUTY VERSION ORDER FM64QHD
	7.3L DIESEL	FM64QD	HEAVY DUTY VERSION ORDER FM64QHD
1998-ON	7.3L POWERSTROKE DIESEL	FM64P	HEAVY DUTY VERSION ORDER FM64PHD
2000-02	F250 & F350 4X4, V10	FM64P	
2000-03	LIGHTNING 5.4SC	FM64Q	

	FM64P						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	31	1.375"	MILL FLATS	6 STUDS	KEVLAR	
PILOT 1 1/4" LONG MULTIPLE CLUTCH ASSEMBLY 11 3/8" BOLT CIRCLE ID CODE: AC, AD, AE, WW, XX, ZZ							

	FM64PHD						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	31	1/375"	MILL FLATS	6 STUDS	KEVLAR	
PILOT 1 1/4" LONG, MULTIPLE CLUTCH ASSEMBLY, 11 3/8" BOLT CIRCLE, FACTORY COVER REPLACED WITH ONE PIECE BILLET COVER							

	FM64Q						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	31	1.375"	MILL FLATS	6 STUDS	YES	
PILOT 1 1/4" LONG LOW STALL 11 3/8" BOLT CIRCLE, ID CODE: AB, EE, GG, JJ, TT							

	FM64QD						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	31	1.375"	MILL FLATS	6 STUDS	KEVLAR	
PILOT 1 1/4" LONG LOW STALL EXTENDED TIPS ON 6 STUDS 11 3/8" BOLT CIRCLE ID CODE: V							

	FM64QHD						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	31	1.375"	MILL FLATS	6 STUDS	POWER TORQUE	
PILOT 1 1/4" LONG, LOW STALL, 11 3/8" BOLT CIRCLE, FACTORY COVER REPLACED WITH ONE PIECE BILLET COVER							









CONSOLIDATED VEHICLE CONVERTERS

FORD

5R110W (TORQSHIFT)

2003-ON V8 5.4L
 2003-ON V8 6.0L DIESEL
 ABOVE DIESEL WITH BILLET COVER

FM64TSM
FM64TS
FM64TSHD

	FM64TS						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	31	1.375"	MILL FLATS	6 STUDS	KEVLAR	
PILOT 1 1/8" LONG LOW STALL, 11 3/8" BOLT CIRCLE METAL STAMP: 6MM ON FRONT COVER							
	FM64TSHD						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	31	1.375"	MILL FLATS	6 STUDS	POWER TORQUE	
PILOT 1 1/8" LONG LOW STALL, 11 3/8" BOLT CIRCLE, FACTORY COVER REPLACED WITH ONE PIECE BILLET COVER							
	FM64TSM						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	31	1.375"	MILL FLATS	6 STUDS	YES	
PILOT 1 1/8" LONG MEDIUM STALL, 11 3/8" BOLT CIRCLE							
	FM64TX						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	31	1.375"	1.995" MILL FLATS	8 STUDS	YES	
32 SPLINE STATOR, PILOT 1 1/8" LONG, 8 STUDS ATOP .207" THICK BASES, 10 X 1.00 THREADS, 11 3/8" BOLT CIRCLE, METAL STAMP: 70 5027 3							

NOTICE

The OEM torque specifications for the flex plate nut to the converter stud is **20-34 ft. lbs.**

It is extremely important not to exceed the OEM recommendations for the nut-to-stud torque since excessive torque can result in stud breakage and/or distortion of the inside front cover surface, causing clutch failure.

It is equally important to use new 3/8 x 24 hex head nuts when installing the torque converter since used nuts can add additional stress to the torque of the converter studs.



CONSOLIDATED VEHICLE CONVERTERS



FORD



ATX



1981-ON	ESCORT & LYNX 1.9L	
1981-ON	ESCORT & LYNX 2.3L	
1985-87	TAURUS & SABLE 2.5L	
1985-88	TAURUS & SABLE 2.5L	(UNIT CONTAINS REMOVABLE SPLINED SLEEVE)
1986-ON	TEMPO & TOPAZ	(UNIT CONTAINS REMOVABLE SPLINED SLEEVE)
1993	V6 3.0L	(UNIT CONTAINS REMOVABLE SPLINED SLEEVE)

FM56A
FM56
FM620
FM63
FM63
FM63

	FM56						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	34	.825"	NO DRIVE	4 STUDS	O.D.	
NO DRIVE ON 2.367" HUB WITH INNER BUSHING 48 SPLINE STATOR 24 SPLINE INTERMEDIATE LOW STALL ID CODE: DO4, DO5							

	FM56A						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	34	.825"	NO DRIVE	4 STUDS	O.D.	
NO DRIVE ON 2.367" HUB WITH INNER BUSHING 48 SPLINE STATOR 24 SPLINE INTERMEDIATE HIGH STALL ID CODE: BO1							



	FM63						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	30	.825"	NO DRIVE	4 STUDS	NONE	
NO DRIVE ON 2.367" HUB WITH INNER BUSHING 8 7/8" BOLT CIRCLE REQUIRES REMOVABLE SPLINED SLEEVE							

	FM620						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/8"	34	.825"	NO DRIVE	4 STUDS	OMITTED	
NO DRIVE ON 2.367" HUB WITH INNER BUSHING 8 7/8" BOLT CIRCLE CENTRIFUGAL CLUTCH OMITTED ID CODE: E12							

FNR5

2006 FUSION, 2.3L

FM94

	FM94						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 7/8"	16	.825"	1.575" FLATS	4 STUDS 10 X 1.00	YES	
REDUCED PRIMARY, 9" BOLT CIRCLE, LOCKUP TYPE UNIT INK CODE: FNS4, S4 , METAL STAMP: FNS4							



CONSOLIDATED VEHICLE CONVERTERS



FORD



ZF4-HP22

1984-ON LINCOLN CONTINENTAL 2.4L TURBO DIESEL
 1984-ON LINCOLN CONTINENTAL 2.4L TURBO DIESEL
 1989-90 LINCOLN V8

BM13
BM34
BM25

	BM13						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	27	1.257"	1.495" 1.574"	PLATE 4 STUDS	YES	
STEPPED & SLOTTED HUB 8 1/2" BOLT CIRCLE ID CODE: A3 MAY INTERCHANGE WITH BM34							

	BM25						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 3/4"	27	1.257"	1.495" 1.574"	3 PADS	YES	
STEPPED & SLOTTED HUB 3 PIECE BODY, 10 1/2" BOLT CIRCLE ID CODE: 07, E11							

	BM34						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	27	1.257"	1.495" 1.574"	4 PADS	YES	
STEPPED & SLOTTED HUB 8 1/2" BOLT CIRCLE ID CODE: A3 MAY INTERCHANGE WITH BM13							



CD4E



1994-99 1.8L & 2.0L
 2.5L
 2000 2.5L
 2000-03 2.0L
 3.0L
 2001 2.5L TAURUS
 2001-03 2.5L
 2001-02 2.5L COUGAR
 2002 3.0L MAZDA TRIBUTE
 2004 2.3L ESCAPE
 2005 2.3L ESCAPE
 2005 3.0L MAZDA TRIBUTE

ID CODE

A
 C
 C
 A
 H
 H
 A
 H
 H
 H
 H
 5L8P-DA
 H

FM80
FM81
FM81
FM80
FM82
FM82
FM80
FM82
FM82
FM82
FM82
FM89
FM89



	FM80						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/2"	30	.825"	NO DRIVE	4 STUDS	YES	
NO DRIVE ON 2.141" HUB WITH INNER BUSHING 8 7/8" BOLT CIRCLE, 10 X 1.00 THREADS ID CODE: A (ON TIP OF PILOT)							



	FM81						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	30	.825"	NO DRIVE	4 STUDS	YES	
NO DRIVE ON HUB WITH INNER BUSHING 8 7/8" BOLT CIRCLE, 32 SPLINE STATOR ID CODE: C (ON TIP OF PILOT)							

CONSOLIDATED VEHICLE CONVERTERS

FORD

CD4E CONTINUED

	FM82						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 7/8"	30	.825"	NO DRIVE	4 STUDS	YES	
NO DRIVE ON HUB WITH INNER BUSHING 8 13/16" BOLT CIRCLE, 32 SPLINE STATOR ID CODE: H (ON TIP OF PILOT) 3L8P-BA							

	FM89						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 7/8"	30	.825"	NO DRIVE	4 STUDS	YES	
REDUCED PRIMARY, 10 X 1.00 THREADS, .825" SOLID PILOT, NO DRIVE ON 2.140" HUB WITH INNER BUSHING, 4 STUDS ATOP OVAL BASES, 8 7/8" BOLT CIRCLE, NOTE PRIMARY WELDS TO INSIDE OF FRONT COVER, CLUTCH TYPE UNIT, ID CODE: METAL STAMP 5L8P-DA , STAMPED H ON PILOT TIP, W ON EACH STUD							

AXOD, AXODE, AX4N, AX4S, 4F50N

ALL 3.0L ENGINES

	<u>SPLINE</u>		<u>TRANS</u>	<u>ID CODE</u>	
1986-90	23	SABLE, TAURUS	AXOD	01, 34	FM61
1991	23	SABLE, TAURUS	AXOD	06, 53	FM61
1992-93	23	SABLE, TAURUS	AXODE	10, 37	FM61R
1993	23	SHO	AXODE	18, 36	FM60
1994	23	SABLE, TAURUS	AXODE	24, 37	FM61R
1994	25	SABLE, TAURUS	AXODE	19, 45, 73, 75 (3 TAB)	FM71
1994	25	SABLE, TAURUS	AX4S	F4DP-7902-BA	FM71
1994-96	25	SABLE, TAURUS	AX4N	F4DP-7902-AA	FM71
1995	25	SABLE, TAURUS, WINDSTAR	AXODE	32, 45, 73	FM71
1995-97	25	WINDSTAR	AX4S	F4DP-7902-AA	FM71
1994-97	25	SABLE, TAURUS	AX4N-S	F6DP-7902-BA	FM71
1996	25	SABLE, TAURUS 24 VALVE	AX4N	F5DP-7902-BA	FM71
1996-97	25	SABLE, TAURUS 24 VALVE	AX4N	F68P-7902-AA	FM72
1996-97	25	WINDSTAR	AX4S	F6DP-7902-BA	FM71
1998-03	25	SABLE, TAURUS 12 VALVE	AX4N-S	F8DP-7902-CA	FM71
1998	25	SABLE, TAURUS 24 VALVE	AX4N		FM72HS
1998	25	WINDSTAR	AX4S	F88P-7902-AA	FM71HS
1999	25	SABLE, TAURUS 24 VALVE	AX4N		FM72HS
1998-00	25	WINDSTAR	AX4S	F88P-7902-AB	FM71HS
2000-03	25	SABLE, TAURUS 24 VALVE	AX4N	F88P-7902-AB	FM71HS
2001	25	SABLE, TAURUS 12 VALVE	AX4N-S	1F1P-7902-BA	FM71
2001	25	SABLE, TAURUS 24 VALVE	AX4N	1F1P-7902-AA	FM71HS
2002	25	SABLE, TAURUS 12 VALVE	AX4N-S	1F1P-7902-BB	FM71
2002	25	SABLE, TAURUS 24 VALVE	AX4N	1F1P-7902-AB	FM71HS
2003	25	SABLE, TAURUS 12 VALVE	AX4N-S	1F2P-7902-AB	FM71
2003	25	SABLE, TAURUS 24 VALVE	AX4N	1F1P-7902-AC	FM71HS
2004	25	SABLE, TAURUS	4F50N	3FIP	FM74

CONSOLIDATED VEHICLE CONVERTERS

FORD

AXOD, AXODE, AX4N, AX4S, 4F50N CONTINUED

ALL 3.2L ENGINES

	<u>SPLINE</u>			<u>ID CODE</u>	
1994	25	SHO	AX4S	F3DP-7902-BA	FM59
1994-95	25	SHO	AXODE	28, 42	FM59
1994-95	25	SHO	AXODE	51, 70	FM59C
1995	25	SHO	AX4S	F4DP-7902-EA	FM59

ALL 3.4L ENGINES

	<u>SPLINE</u>			<u>ID CODE</u>	
1996-97	25	SHO	AX4N	F6DP-7902-AA	FM59
1996-99	25	SHO	AX4N	F8DP-7902-BB	FM59

ALL 3.8L ENGINES

	<u>SPLINE</u>			<u>ID CODE</u>	
1987-90	23	CONTINENTAL, SABLE, TAURUS	AXOD	03, 04, 12, 46, 47	FM61LS
1991	23	POLICE, SABLE, TAURUS	AXOD	07, 35	FM61LS
1991	23	CONTINENTAL	AXODE	08, 11	FM61M
1992-93	23	CONTINENTAL	AXODE	14, 43	FM61R
1992-93	23	SABLE, TAURUS	AXODE	15, 38	FM61M
1992-93	23	POLICE	AXOD	17, 40	FM61
1994	23	SABLE, TAURUS	AXODE	25, 38	FM61M
1994	23	CONTINENTAL	AXODE	26, 43	FM61R
1994	23	POLICE	AXOD	27, 40	FM61
1994-95	25	SABLE, TAURUS	AX4S	F4DP-7902-CA	FM71LS
1994-95	25	SABLE, TAURUS	AXODE	29, 39	FM71LS

ALL 3.8L ENGINES

	<u>SPLINE</u>		<u>TRANS</u>	<u>ID CODE</u>	
1994	25	CONTINENTAL	AXODE	30, 44	FM71
1994	25	CONTINENTAL	AX4S	F4OP-7902-AA	FM71
1994	25	POLICE		31, 41	FM73
1994-95	25	POLICE	AX4S	F4DP-7902-DA	FM71
1994-95	25	WINDSTAR	AX4S	F4OP-7902-AB	FM71
1995	25	SABLE, TAURUS	AX4S	F4DP-7902-CB	FM71LS
1995	25	POLICE	AX4S	F4DP-7902-DB	FM71
1997-00	25	WINDSTAR		59,73	FM71
1996-00	25	WINDSTAR	AX4S	F68P-7902-AA	FM72
2001-03	25	WINDSTAR	AX4N	1F2P-7902-AA	FM71
2004	25	WINDSTAR	4F50N	3F2P	FM74A

ALL 3.9L ENGINES

	<u>SPLINE</u>			<u>ID CODE</u>	
2004	25	FREESTAR	4F50N	3F2P	FM74A

ALL 4.2L ENGINES

	<u>SPLINE</u>			<u>ID CODE</u>	
2004	25	FREESTAR, MONTEREY	4F50N	3F2P	FM74A
2005	25	FREESTAR	4F50N	5F2P	FM74B

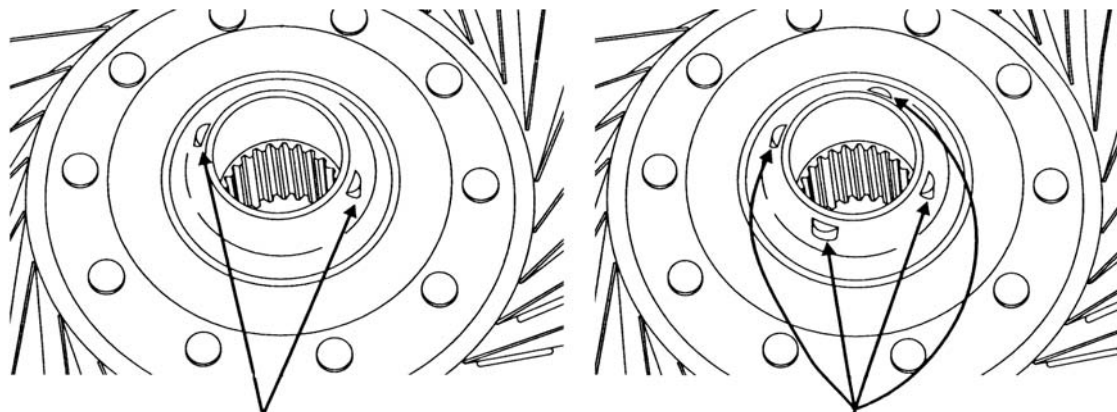
ALL 4.6L ENGINES

	<u>SPLINE</u>			<u>ID CODE</u>	
1995	25	CONTINENTAL	AXODE	20	FM71
1995-01	25	CONTINENTAL	AX4N-S	F5OP-AA, F8OP-AB	FM72LS
2002	25	CONTINENTAL			FM71LS

FORD

AXOD, AXODE, AX4N, AX4S, 4F50N CONTINUED

DO NOT INTERCHANGE SINGLE CLUTCH / MULTI-DISC UNITS



**2 OR 3 TABS INDICATE
SINGLE-CLUTCH TYPE**

**4 TABS INDICATE
DUAL TYPE**

Drawing courtesy of ATSG



FM59					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
11"	25	.825"	NO DRIVE	4 STUDS	YES
NO DRIVE ON HUB WITH INNER BUSHING REDUCED PRIMARY, 18 SPLINE PUMP DRIVE CODE: 28, 42, F3DP-BA, F4DP-EA, F6DP-AA, F8DP-BB					



FM59C					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
11"	25	.825"	NO DRIVE	4 STUDS	YES CARBON
NO DRIVE ON HUB WITH INNER BUSHING REDUCED PRIMARY, 18 SPLINE PUMP DRIVE MULTIPLE CLUTCH TYPE, ID CODE: 51, 70					



FM60					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
11"	23	.825"	NO DRIVE	4 STUDS	YES
NO DRIVE ON HUB WITH INNER BUSHING REDUCED PRIMARY ID CODE: 18, 36					





FM61					
DIA	SPLINE	PILOT	HUB	MTG	CLUTCH
11"	23	.825"	NO DRIVE	4 STUDS	YES
NO DRIVE ON HUB WITH INNER BUSHING 8 7/8" BOLT CIRCLE ID CODE: 01, 06, 17, 27, 34, 40, 53,					







CONSOLIDATED VEHICLE CONVERTERS



FORD



AXOD, AXODE, AX4N, AX4S, 4F50N CONTINUED



	FM61LS						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	23	.825"	NO DRIVE	4 STUDS	YES	
NO DRIVE ON HUB WITH INNER BUSHING 8 7/8" BOLT CIRCLE ID CODE: 03, 04, 07, 12, 17, 27, 35, 46, 47							

	FM61M						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	23	.825"	NO DRIVE	4 STUDS	YES	
NO DRIVE ON HUB WITH INNER BUSHING 8 7/8" BOLT CIRCLE ID CODE: 08, 11, 15, 25, 38							



	FM61R						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	23	.825"	NO DRIVE	4 STUDS	YES	
NO DRIVE ON HUB WITH INNER BUSHING 8 7/8" BOLT CIRCLE ID CODE: 10, 14, 24, 26, 37, 43							

	FM71						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	25	.825"	NO DRIVE	4 STUDS	YES	
NO DRIVE ON HUB WITH INNER BUSHING 8 7/8" BOLT CIRCLE, ID CODE: 19, 20, 30, 32, 44, 45, 50, 56, 59, 73, 75, 76, 79 (3 TAB)							

	FM71HS						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	25	.825"	NO DRIVE	4 STUDS	YES	
NO DRIVE ON HUB WITH INNER BUSHING 8 7/8" BOLT CIRCLE, ID CODE: 72, 74, 1F1P-AA, 1F1P-AB, 1F1P-AC, F88P-AA, F88P-AB							

	FM71LS						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	25	.825"	NO DRIVE	4 STUDS	YES	
NO DRIVE ON HUB WITH INNER BUSHING 8 7/8" BOLT CIRCLE ID CODE: 29, 39, 1F3P-AA, F4DP-CA, F4DP-CB							

DO NOT INTERCHANGE SINGLE CLUTCH / MULTI-DISC UNITS

	FM72						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	25	.825"	NO DRIVE	4 STUDS	YES	
HUB WITH INNER BUSHING, 8 7/8" BOLT CIRCLE MULTIPLE CLUTCH TYPE, ID CODE: 50, 73, 1F2P-AA, 1F2P-AB, F4OP-AB, F68P-AA, F88P-BA							

CONSOLIDATED VEHICLE CONVERTERS

FORD

AXOD, AXODE, AX4N, AX4S, 4F50N CONTINUED

	FM72HS						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	25	.825"	NO DRIVE	4 STUDS	YES	
NO DRIVE ON HUB WITH INNER BUSHING 8 7/8" BOLT CIRCLE, MULTIPLE CLUTCH TYPE ID CODE: S40, 69, 96, F8DP-AC							
	FM72LS						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	25	.825"	NO DRIVE	4 STUDS	YES	
NO DRIVE ON HUB WITH INNER BUSHING MULTIPLE CLUTCH TYPE ID CODE: F5OP-7902-AA, F8OP-7902-AB							
	FM73						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	25	.825"	NO DRIVE	4 STUDS	YES	
NO DRIVE ON HUB WITH INNER BUSHING NON-MODULATING CLUTCH ID CODE: 31, 41							
	FM74						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	25	.825"	1.997" NO DRIVE	4 STUDS 10 X 1.00	YES	
NO DRIVE ON 1.055" LONG HUB WITH INNER BUSHING, 4 MTG STUDS ATOP OVAL BASES, 8 7/8" BOLT CIRCLE, ID CODE: METAL STAMP: 3F1P							
	FM74A						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	25	.825"	1.997" NO DRIVE	4 STUDS	YES 2 PIECE	
NO DRIVE ON 1.055" LONG HUB WITH INNER BUSHING, 4 MTG STUDS ATOP OVAL BASES, 8 7/8" BOLT CIRCLE, ID CODE: METAL STAMP: 3F2P							
	FM74B						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	25	.825"	1.997" NO DRIVE	4 STUDS	YES 2 PIECE	
NO DRIVE ON 1.055" LONG HUB WITH INNER BUSHING, 4 MTG STUDS ATOP OVAL BASES, 8 7/8" BOLT CIRCLE, ID CODE: METAL STAMP: 5F2P							



CONSOLIDATED VEHICLE CONVERTERS



FORD

AF21B

2005-07 FORD FIVE HUNDRED, FREESTYLE & MERCURY MONTEGO 3.0L

FM96



	FM96						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/8"	23	.825"	1.850" SLOTTED	4 STUDS	YES	
10 X 1.00 THREADS ON 8 7/8" BOLT CIRCLE, ID CODE: 5G13-7902-AA							

	FM100						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/4"	23	1.375	1.850 SLOTTED	3 STUDS	YES	
42 SPLINE STATOR, PILOT 1 3/4" LONG, 3 MOUNTING STUDS ATOP 13/16" THICK OVAL BASES, 10 X 1.00 THREADS, 9 1/4" BOLT CIRCLE INK CODE: 47A010 05Y 06561 BOTH SIDES							

6R60 (ZF6HP26)

2006-07 EXPLORER 4X4, 4.6L V8

FM75

	FM75						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 1/2" PLATE	27	1.375"	STEPPED SLOTTED	4 STUDS	CLUTCH PACK	
10 X 1.00 THREADS ATTACHED TO .125" THICK MOUNTING PLATE, 11 3/8" BOLT CIRCLE, STAMPED: L904A BY PILOT, 6L2P-7922-AF ON MTG PLATE							

ECAT, 4EAT, F4AEL, F4E, G4AEL, LJ4A-EL

ALL WITH .785" PILOT

		<u>ID CODE</u>	<u>PAINT CODE</u>	
1988-ON	323, 626, MX6, CAPRI	Q20	GREEN DOT	DA17
1995	MILLENNIA 2.3L	K2		DA53

ALL WITH .825" PILOT

		<u>ID CODE</u>	<u>PAINT CODE</u>	
1989-ON	PROBE	R35B, R40B, FU80A, FU80C		FM65A
1990-ON	PROBE, ESCORT, MX3, PROTEGE & TRACER	Q25E, Q25F, Q25G, 94A	2 ORANGE DOTS	DA18
1990-ON	PROBE, ESCORT, MX3, 323 & PROTEGE	Q20F	2 WHITE DOTS	DA17F
1991	CAPRI	Q20G	2 PINK DOTS	DA17A
1990-91	PROTEGE	Q17G, Q22G	BLUE W/WHITE DOT	FM86
1992-94	2.5L PROBE, 626, MX6	FU9B, GFO, GFO1		FM85
1993	2.0L PROBE, 626, MX6	FU9A, FU9F, GF02		FM84
1994	MAZDA MX3 2.5L		BLUE OR GREEN	FM88

CONSOLIDATED VEHICLE CONVERTERS

FORD

ECAT, 4EAT, F4AEL, F4E, G4AEL, LJ4A-EL, CONTINUED

ALL WITH .825" PILOT CONTINUED



		<u>ID CODE</u>	<u>PAINT CODE</u>	
1994	MERCURY CAPRI	Q20F	2 WHITE DOTS	DA17F
1994-95	KIA SEPHIA 1.6L, 1.8L	Q25E, Q25F, Q25G, 94A	2 ORANGE DOTS	DA18
1995-04	KIA RIO, SEPHIA, SPECTRA		BLUE OR GREEN	FM88
1995	1.5L PROTEGE		BLUE OR GREEN	FM88
1996-ON	ESCORT & PROTEGE		WHITE DOT	FM87
1997	MILLENNIA 2.5L			FM85
1997-03	TRACER		WHITE DOT	FM87
1998	MAZDA 626 2.5L	FU9B, GFO, GFO1		FM85



ALL WITH 1.375" PILOT & 21 SPLINE INPUT



		<u>ID CODE</u>	<u>PAINT CODE</u>	
1988-ON	PROBE, 626, MX6	R35B, R35PC, R40B, R40PB, R40PD, FU31F		FM65
2000-02	MAZDA MPV 2.5L, 3.0l	42	YELLOW DOT BOTH SIDES	FM83



ALL WITH 1.375" PILOT & 25 SPLINE INPUT

		<u>ID CODE</u>	
1986-ON	323, 626, PROTEGE	R35	DA15
1987	626 2.0L	R35B, R40B	DA15LS

	DA15						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 3/4"	25	1.375"	NO DRIVE	4 STUDS	YES	
NO DRIVE ON HUB WITH INNER BUSHING 9" BOLT CIRCLE ID CODE: R35							

	DA15LS						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 3/4"	25	1.375"	NO DRIVE	4 STUDS	YES	
NO DRIVE ON HUB WITH INNER BUSHING 9" BOLT CIRCLE 3 ROWS OF STRAIGHT DIMPLES, ID CODE: R35B, R40B							










	DA17						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	21	.785"	NO DRIVE	4 STUDS	YES	
NO DRIVE ON HUB WITH INNER BUSHING, 9" BOLT CIRCLE, ONE INCH SPACING BETWEEN DIMPLES ID CODE: Q20, GREEN PAINT DOT							

	DA17A						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	21	.825"	NO DRIVE	4 STUDS	YES	
NO DRIVE ON HUB WITH INNER BUSHING, 9" BOLT CIRCLE, ONE INCH SPACING BETWEEN DIMPLES ID CODE: Q20G, 2 PINK DOTS							

CONSOLIDATED VEHICLE CONVERTERS

FORD











ECAT, 4EAT, F4AEL, F4E, G4AEL, LJ4A-EL, *CONTINUED*

	DA17F						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	21	.825"	NO DRIVE	4 STUDS	YES	
NO DRIVE ON HUB WITH INNER BUSHING, 9" BOLT CIRCLE, ONE INCH SPACING BETWEEN DIMPLES ID CODE: Q20F, 2 WHITE DOTS							
	DA18						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	21	.825"	NO DRIVE	4 STUDS	YES	
NO DRIVE ON HUB WITH INNER BUSHING, 9" BOLT CIRCLE, DIMPLES ANGLED AT 30 DEGREES ID CODE: Q25E, Q25F, Q25G, 94A, 2 ORANGE DOTS							
	DA53						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 3/4"	20	.785"	MILL FLATS	4 LUGS 10MM	YES	
9" BOLT CIRCLE ID CODE: METAL STAMP K2							
	FM65						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	21	1.375"	NO DRIVE	4 STUDS	YES	
NO DRIVE ON HUB WITH INNER BUSHING 9" BOLT CIRCLE ID CODE: R35B, R35PC, R40B, R40PB, R40PD, FU31F							
	FM65A						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	21	.825"	NO DRIVE	4 STUDS	YES	
NO DRIVE ON HUB WITH INNER BUSHING 9" BOLT CIRCLE ID CODE: R35B, R40B, FU80A, FU80C							
	FM83						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	21 31 STATOR	1.375" 1.330" LONG	2.677" .575" LONG	4 STUDS	YES	
NO DRIVE ON HUB WITH INNER BUSHING, 12 SPLINE PUMP DRIVE M10 X 1.00 THREADS ON 9" BOLT CIRCLE ID CODE: YELLOW SWATCH ON BOTH HALVES STAMPED: 42							

CONSOLIDATED VEHICLE CONVERTERS

FORD

ECAT, 4EAT, F4AEL, F4E, G4AEL, LJ4A-EL, *CONTINUED*











	FM84						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/2"	21	.825"	NO DRIVE	4 STUDS	YES	
NO DRIVE ON HUB WITH INNER BUSHING SLIGHTLY REDUCED PRIMARY 9" BOLT CIRCLE, ID CODE: FU9A, FU9F, GF02							
	FM85						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 3/4"	21	.825"	NO DRIVE	4 STUDS	YES	
NO DRIVE ON HUB WITH INNER BUSHING 9" BOLT CIRCLE, DIMPLES ARE 1/4" LONG ID CODE: FU9B, GFO, GFO1							
	FM86						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/2"	21	.825"	NO DRIVE	4 STUDS	YES	
NO DRIVE ON HUB WITH INNER BUSHING 9 1/16" BOLT CIRCLE ID CODE: Q17G, Q22G, BLUE WITH WHITE DOT							
	FM87						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	21	.825"	NO DRIVE	4 STUDS	YES	
NO DRIVE ON HUB WITH INNER BUSHING .825" PILOT 1.080" LONG, 9 1/32" BOLT CIRCLE ID CODE: WHITE DOT ON BOTH HALVES							
	FM88						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	21	.825"	NO DRIVE	4 STUDS	YES	
NO DRIVE ON HUB WITH INNER BUSHING REDUCED PRIMARY, 9" BOLT CIRCLE, 12 SPLINE PUMP DRIVE, ID CODE: BLUE OR GREEN PAINT							

CONSOLIDATED VEHICLE CONVERTERS

FORD

F3A (JATCO)



1985-87	TRACER, FESTIVA WITH 8 3/8" BOLT CIRCLE	WITH .785" PILOT	DA12
		WITH .825" PILOT	DA12A
1988	TRACER, FESTIVA WITH .785" PILOT	WITH 8 7/8" BOLT CIRCLE	DA22
1989-92	FESTIVA		DA23
1990	TRACER	WITH .825" PILOT	FM45
1994	FORD ASPIRE 1.3L		DA49A
1995-97	FORD ASPIRE		DA55



	DA12						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	18	.785"	NO DRIVE	4 LUGS		
NO DRIVE ON HUB WITH INNER BUSHING 8 3/8" BOLT CIRCLE UNIT IS REMANUFACTURED WITH CLUTCH OMITTED							
	DA12A						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	18	.825"	NO DRIVE	4 LUGS		
NO DRIVE ON HUB WITH INNER BUSHING 8 3/8" BOLT CIRCLE UNIT IS REMANUFACTURED WITH CLUTCH OMITTED							
	DA22						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	18	.785"	NO DRIVE	4 LUGS	NONE	
NO DRIVE ON HUB WITH INNER BUSHING 8 7/8" BOLT CIRCLE ID CODE: LIGHT BLUE CIRCLE, WHITE DOT							
	DA23						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	18	.825"	NO DRIVE	4 LUGS	NONE	
NO DRIVE ON HUB WITH INNER BUSHING 8 7/8" BOLT CIRCLE ID CODE: DARK BLUE CIRCLE, WHITE DOT							
	DA49A						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	18	.825"	NO DRIVE	4 STUDS		
NO DRIVE ON HUB WITH INNER BUSHING 9" BOLT CIRCLE, OVERALL HEIGHT 3.985" CLUTCH OMITTED, ID CODE: BLACK PAINT SWATCH							

CONSOLIDATED VEHICLE CONVERTERS

FORD



F3A (JATCO) CONTINUED



	DA55						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	18	.825"	NO DRIVE	4 STUDS 10 X 1.00		
NO DRIVE ON HUB WITH INNER BUSHING 9" BOLT CIRCLE ID CODE: W1							



	FM45						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	18	.825"	NO DRIVE	4 STUDS 10 X 1.50		
NO DRIVE ON HUB WITH INNER BUSHING 8 3/8" BOLT CIRCLE UNIT IS REMANUFACTURED WITH CLUTCH OMITTED							

4F27E, FN4A-EL
2000-03 FOCUS 1.6L

FM90



	FM90						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/4"	16	.825"	1.575" FLATS	4 STUDS	YES	
8 7/8" BOLT CIRCLE ID CODE: WHITE PAINT SWATCH BOTH HALVES, METAL STAMP: 0316C, 0320C, 0329C, 2Z09C BOTH HALVES							

	FM91						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/4"	16	.825"	MILL FLATS	4 STUDS 10 X 1.00	YES	
9" BOLT CIRCLE, LOCKUP TYPE UNIT ID CODE: BLACK DOT INSIDE GREEN OR YELLOW SWATCH							

	FM92						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/4"	16	.825"	MILL FLATS	4 STUDS 10 X 1.00	YES	
9" BOLT CIRCLE, LOCKUP TYPE UNIT ID CODE: WHITE DOT INSIDE BLUE SWATCH							

CFT30 (ZF)
2005-07 FORD FIVE HUNDRED, FREESTYLE, MERCURY MONTEGO V6 3.0L

FM95

	FM95						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	27	1.375"	ONE DRIVE EAR	4 STUDS	YES	
4 MOUNTING STUDS ATOP BASES 9 1/4" BOLT CIRCLE INK CODE: P82							