



FORD CD4E iss 9

KITS

Master	198 01 01
Banner	198 01 02
Overhaul	198 02 01
Friction & steel kit	198 07 01
Friction only kit	198 07 02
Shaft sealing ring kit	198 06 01
Bush kit	198 09 01

Bypass regulator clutch valve kit	198 62 01
Bypass regulator clutch valve tool kit	198 33 04
Torque converter clutch regulator valve kit	198 62 02
Torque converter clutch regulator valve tool kit	198 33 05

2-4 accumulator piston kit	198 62 03
Low/rev accumulator piston kit	198 62 04
Forward accumulator piston kit	198 62 05

GASKETS

1 Case gasket	198 25 02
2 Valve body pan gasket	198 25 01
3 Valve body outer gasket	198 25 03
4 Valve body inner gasket	198 25 04
5 Valve body solenoid gasket	198 25 05
6 Pump body gasket	198 25 06
7 Valve body pressure tap cover gasket	198 25 07

RUBBER COMPONENTS

10 Oil filler tube grommet	198 20 02
11 Low / Reverse outer lip seal	198 18 01
12 Low / Reverse inner lip seal	198 18 02

14 Forward clutch piston outer lip seal	198 18 03
15 Forward clutch piston inner "D" ring	198 17 02
16 Direct clutch piston outer lip seal	198 18 04
17 Direct clutch piston inner lip seal	198 18 05

19 Oil pump "D" ring	198 17 01
20 Valve body electrical connector "O" ring	198 16 01
21 Turbine speed sensor "O" ring	198 16 02
22 Breather grommet	198 20 01
23 2/4 accumulator "O" ring	198 16 03

24 Filter recirculating exhaust tube	198 20 03
NI Final drive lub tube seal	198 20 04
28 Filter pick up grommet	198 20 05

METAL CLAD SEALS

35 Converter	198 15 01
36 Drive shaft seal	(2) 198 15 02
37 Manual control shaft	(1) 198 15 03
38 Dedentshaft	(1) 198 15 04

SHAFT SEALING RINGS

41 Forward / Coast cyl	46 x 41 x 2 full ring	(1)	198 26 04
42 Direct / Coast cyl	51 x 45.5 x 2 scarf	(2)	198 26 03
43 Rear of pump	17 x 14 x 1.75 scarf	(1)	198 26 02
44 Rear of pump	36 x 32 x 2 scarf	(6)	198 26 01

CLUTCH PLATES

51 Low & Rev waved steel	198 12 07	
52 Low & Rev pressure	sel 2.06 x 2.16	198 13 04
52 Low & Rev pressure	sel 2.66 x 2.76	198 13 05
52 Low & Rev pressure	sel 3.26 x 3.36	198 13 06
53 Low & Rev frict 228 x 174 x 1.66 x 4 x 9T	(3)	198 11 03
54 Low & Rev steel 228 x 198 x 1.80 x 18T	(3)	198 12 03

58 Forward clutch pressure	198 13 03	
59 Forward friction 134 x 106 x 1.64 x 32T	(3)	198 11 01
60 Forward steel 134 x 103 x 1.75 x 25T	(2)	198 12 01

63 Coast clutch pressure	198 11 05	
64 Coast friction 123 x 95 x 1.65 x 24T	93-96 (2)	198 11 05
64 Coast friction 123 x 95 x 1.65 x 24T	97 on (2)	198 11 06
65 Coast steel 134 x 96 x 1.75 x 25T x 4 gaps	(2)	198 12 05

67 Direct friction 134 x 103 x 1.64 x 24T	(3/4)	198 11 02
68 Direct steel 140 x 104 x 2.1 x 32T	(3/4)	198 12 02
68 Direct steel 140 x 104 x 3.0 x 32T	(AR)	198 12 06

69 Direct clutch pressure	198 13 02
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71 Rev input friction 154 x 119 x 1.63 x 36T	(2)	198 11 04
72 Rev input steel 158 x 121 x 1.75 x 32T	(2)	198 12 04
73 Rev clutch pressure	198 13 01	

BRAKE BANDS

75 Forward flex band 52 mm wide (42mm band NLA)	198 14 02
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FILTER

76 Pick up	198 27 01
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BUSHES & BEARINGS

Bush kit	198 09 01
Converter hub bush	198 21 01
Pump gear bush	198 21 06
Stator bush	198 21 08

79 Driven sprocket needle bush	54 x 45 x 30 x 29N	198 21 02
83 Drive spkt needle bush (part of illus 195 from OE)		
84 Drive spkt needle bush	28.5 x 23.5 x 10 x 32N	198 21 03

Direct drum bush	198 21 04
Reverse drum bush - early change point not known	198 21 05
Reverse drum bush - late change point not known	198 21 07
Clutch hub shell bush	198 21 09
Internal sun gear bush	198 21 10

Final drive bush	198 21 11
Low Intermediate bush	198 21 12
Rear planetary bush	198 21 13
Sun gear shell bush	198 21 14
Carrier left bush	198 21 15

Carrier right bush	198 21 18
Turbine shaft bush	198 21 16
Rear case bush	198 21 17

THRUST WASHERS

88 Driven sprock comb needle	79.5 x 63 x 3.6	198 23 01
89 Driven sprock comb needle	79 x 59.5 x 4 (lipped)	198 23 02
90 Diff carrier combination needle	58 x 36 x 4	198 23 10
91 Diff pinion thrust		
93 Driven sprocket thrust sel	64 x 60 x 1.27 mm	198 22 05
93 Driven sprocket thrust sel	64 x 60 1.45 mm	198 22 06
93 Driven sprocket thrust sel	64 x 60 1.62 mm	198 22 07

93 Driven sprocket thrust sel	64 x 60 1.80 mm	198 22 08
93 Driven sprocket thrust sel	64 x 60 1.97 mm	198 22 09
93 Driven sprocket thrust sel	64 x 60 2.15 mm	198 22 10

94 Drive sprocket thrust sel - blue	1.41 / 1.51mm	198 22 01
94 Drive sprocket thrust sel - black	1.67 / 1.77mm	198 22 02
94 Drive sprocket thrust sel - grey	1.93 / 2.03mm	198 22 03
94 Drive sprocket thrust sel - green	2.19 / 2.29mm	198 22 04

95 Reverse overdrive sun gear comb ndl	76.5 x 55.5	198 23 06
96 Low / Inter carrier comb needle	66.25 x 50 x 4	198 23 05
97 Low / Inter thrust comb needle	49.5 x 34.5 x 3.5	198 23 04
98 Rev / O.D ring gear comb needle	99 x 79 x 4	198 23 07

100 Turbine shaft comb needle	44 x 28.5 x 4	198 23 08
101 Direct clutch thrust	70 x 56 x 2 x 4 tangs	198 22 16
102 Pump support comb needle	75 x 56.5 x 3	198 23 09
103 Diff bearing spacer sel	69 x 36.5 x 1.00 mm	198 22 11
103 Diff bearing spacer sel	69 x 36.5 x 1.35 mm	198 22 12
103 Diff bearing spacer sel	69 x 36.5 x 1.60 mm	198 22 13
103 Diff bearing spacer sel	69 x 36.5 x 1.90 mm	198 22 14
103 Diff bearing spacer sel	69 x 36.5 x 2.20 mm	198 22 15

CIRCLIPS

110 Final drive	198 32 11
111 Low one way clutch	198 32 12
112 Low / reverse clutch return spring	198 32 01
113 Forward one way clutch	198 32 13
114 Coast clutch hub	198 32 14

115 Forward clutch plate retainer sel	1.32mm	198 32 02
115 Forward clutch plate retainer sel	1.42mm	198 32 03
115 Forward clutch plate retainer sel	1.58mm	198 32 04

FORD CD4E (Mondeo)

4 speed front wheel drive with lock up.
Ford Mondeo 1994 on



Iss 30/11/00

Illus	Description	Year	Part No.	Illus	Description	Year	Part No.
115	Forward clutch plate retainer sel 1.70mm		198 32 05	217	Direct piston		198 45 02
116	Forward clutch spring retainer			219	Direct clutch shell		198 29 04
120	Direct clutch plate sel 1.32mm		198 32 02	220	Reverse drum		198 29 32
120	Direct clutch plate sel 1.42mm		198 32 03	221	Reverse piston		198 45 04
120	Direct clutch plate sel 1.58mm		198 32 04	226	Reverse hub		198 29 06
120	Direct clutch plate sel 1.70mm		198 32 05	227	Oil pump drive shaft (ZH engine) 355mm long		198 29 08
121	Direct clutch spring retainer		198 32 10	227	Oil pump drive shaft (MP25 engine) 374mm long		198 29 12
122	Reverse clutch spring retainer		198 32 09	228	Oil pump support	Nil from OE	
123	Reverse clutch plate retainer sel 1.44 mm		198 32 06	229	Oil pump separator plate	Nil from OE	
123	Reverse clutch plate retainer sel 1.58 mm		198 32 07	230	Oil pump drive insert	Nil from OE	
123	Reverse clutch plate retainer sel 1.73 mm		198 32 08	235	Oil pump driven gear	Nil from OE	
124	Reverse clutch hub 0.85 mm		198 32 15	236	Oil pump drive gear	Nil from OE	
125	Inter / O.D. band servo		198 32 16	238	Pump	06/93 - 01/97	198 38 01
126	Band servo apply rod (pt of illus 245 from OE)			238	Pump	01/97 -	198 38 03
SPRINGS				239	Main case	06/93 - 08/95	198 53 03
135	Low / reverse clutch spring return assembly		198 24 03	239	Main case	08/95 -	198 53 04
136	Forward / Coast clutch return spring 06/93-04/98		198 24 01	240	Servo cover		198 67 01
136	Forward / Coast clutch return spring 05/98 -		198 24 06	240	Servo cover		198 67 02
137	Direct clutch spring return assembly		198 24 04	244	Servo return spring		198 24 05
138	Reverse clutch spring return assembly		198 24 02	245	Servo piston and rod 101.67mm	06/93 to 08/96	93-96 198 67 03
HARD PARTS				245	Servo piston and rod 102.87mm	06/93 to 08/96	93-96 198 67 04
179	Converter housing 06/93 - 08/95		198 53 01	245	Servo piston and rod 103.87mm	06/93 to 08/96	93-96 198 67 05
179	Converter housing 08/95 -		198 53 02	245	Servo piston and rod 101.67mm	08/96 on	96- 198 67 06
180	Stator support (not available new seperately)			245	Servo piston and rod 102.87mm	08/96 on	96- 198 67 07
181	Converter housing case 06/93 - 08/95		198 53 01	245	Servo piston and rod 103.87mm	08/96 on	96- 198 67 08
181	Converter housing case 08/95 -		198 53 02	ELECTRICAL			
NI	Speedo gear driven 24T 06/93 - 11/95		198 60 01	NI	Inhibitor switch		198 35 01
NI	Speedo gear driven 24T 11/95 up		198 60 02	NI	Speed sensor	-1/95	198 35 02
NI	Speedo gear driven 23T 12/94 - 11/95		198 60 03	NI	Speed sensor	1/95-	198 35 06
NI	Speedo gear driven 23T 11/95 up		198 60 04	251	Speed sensor		198 35 03
184	Final drive gear ring ZH engine 86T		198 29 26	252	Solenoid pack 06/93 - 05/98		198 35 05
184	Final drive gear ring MP25 engine 74T - 10/94		198 29 27	252	Solenoid pack 05-98 up		198 35 07
184	Final drive gear ring MP25 engine 10/94 -		198 29 28	MISCELLANEOUS			
185	Diff assembly ZH engine 30T		198 68 01	Torque converter nuts 198 37 01			
185	Diff assembly MP25 engine 25T		198 68 02	Converter clutch control pressure kit 198 62 01			
190	Chain cover inner		198 29 24	TOOLS			
191	Chain 20.4mm wide 06/93 to 07/94		198 29 01	Pump alignment pins 198 33 03			
191	Chain 26.7mm wide 07/94 on		198 29 02	Piston installation kit 198 33 01			
192	Driven sprocket ZH engine 16.5mm wide		198 29 18	Manual (Ford) 198 33 20			
192	Driven sprocket MP25 engine 22.8mm wide		198 29 20	Manual (ATSG) 198 33 21			
193	Chain cover outer 06/93 - 07/95		198 29 22	CONVERTERS			
193	Chain cover outer 08/95 -		198 29 23	Mondeo 1.8, 2.0 198 30 01			
194	Drive spkt & O/D / reverse ring gear ZH engine		198 29 19	Mondeo V6 2.5 198 30 02			
194	Drive spkt & O/D / reverse ring gear MP25 engine		198 29 21				
195	Overdrive / reverse planet set		198 66 02				
196	Low one way clutch steel plate		198 29 25				
197	Low OWC assembly		198 44 01				
201	Low / reverse spring piston		198 45 05				
202	Sun gear & shell		198 65 02				
203	Low intermediate ring gear		198 29 11				
204	Low intermediate gearset		198 66 01				
205	Low intermediate sun assembly		198 65 01				
206	Forward one way clutch retainer		198 29 29				
207	Forward one way clutch race		198 29 30				
208	Forward OWC assembly		198 44 01				
209	Coast clutch hub		198 29 31				
212	Input shaft early ZH 1.8 & 2.0 engine 25mm spline		198 64 01				
212	Input shaft late ZH 1.8 & 2.0 engine 25mm spline		198 64 02				
212	Input shaft early MP 2.5 engine 40mm spline		198 64 03				
212	Input shaft late (MP 2.5 engine)		198 64 04				
214	Coast clutch piston	-03/98	198 45 03				
214	Coast clutch piston	03/98-	198 45 05				
215	Forward piston 06/93 - 04/98		198 45 01				
215	Forward piston 05/98 -		198 45 07				
216	Forward, Direct, Coast cyl (ZH eng) 06/93-08/95		198 29 03				
216	Forward, Direct, Coast cyl (ZH eng) 08/95-11/95		198 29 05				
216	Forward, Direct, Coast cyl (ZH eng) 11/95 -04/98		198 29 07				
216	Forward, Direct, Coast cyl (ZH eng) 05/98 -		198 45 35				
216	Forward, Direct, Coast cylinder (MP25 eng)		198 29 09				