



ZF4HP20 iss 2

ZF 4HP20
1019 000

Please quote the full transmission code when ordering parts

1997 on - 4 speed front wheel drive. Transmissions code 1019 000 ###
Citroen Xantia & ZX, Mercedes Benz V Class, Peugeot 306 & 406, Renault Laguna Iss 06/04/01



Illus	Description	Part No.
KITS		
	Master overhaul Mercedes	212 01 01
	Overhaul Mercedes	212 02 01
	Gasket & rubber Mercedes	212 03 01
	Master O/H Alfa,Citroen, Fiat, Peugeot, Renault	212 01 02
	Overhaul Alfa,Citroen, Fiat, Peugeot, Renault	212 02 02
	Gasket/RubberAlfa,Citroen, Fiat, Peugeot, Renault	212 03 02
GASKETS		
NI	Pan	212 25 03
1	Converter case to main case	
	006, 009, 010, 013, 014, 015, 016, 017, 018, 020	212 25 01
1	005, 007, 008, 019	212 25 05
2	Converter case to main case (short)	212 25 02
NI	Valve body separator plate	212 25 04
RUBBER COMPONENTS		
10	Pump to case "O" ring	212 16 01
11	"A" clutch outer "O" ring	208 16 06
12	"A" clutch inner "O" ring	157 16 01
13	"D" clutch moulded piston	212 45 01
14	"C" clutch moulded piston	
	005, 006, 007, 008, 010, 018	212 45 02
14	"C" clutch moulded piston 009, 013, 014, 015, 016, 017, 019, 020, 021, 022, & 023	212 45 06
15	Oil dam "O" ring	212 16 04
16	"E"clutch piston outer "O" ring	212 16 04
17	"E"clutch piston inner "O" ring	212 16 05
18	"B" clutch piston outer "O" ring	208 16 04
19	"B" clutch piston inner "O" ring	212 16 06
20	Oil dam "O" ring	212 16 07
21	Filter "O" ring	212 16 02
22	Heat exchanger "O"ring (2)	212 16 03
NI	Wiring Harness "O" ring (2)	212 16 18
METAL CLAD SEALS		
30	Converter	212 15 01
31	Right hand drive shaft seal (40 x 58 x 10)	
	006, 009, 010, 013, 014, 015, 016, 017, 018, 019, 020	212 15 02
32	Left hand drive shaft seal (40 x 64 x 8)	
	006, 009, 010, 013, 014, 015, 016, 017, 018, 019, 020	212 15 03
31	Right hand drive shaft seal (40 x 58 x 10/19)	
	005, 007, 008, 021, 022, 023	212 15 05
32	Left hand drive shaft seal (45 x 62 x 7)	
	005, 007, 008, 021, 022, 023	212 15 04
SHAFT SEALING RINGS		
40	'E' clutch carrier shaft sealing ring	212 26 01
CLUTCH PLATES		
50	"A" clutch friction 169 X 1.6 X 40T (3)	212 11 01
51	"A" clutch steel (3)	212 12 01
52	"A" clutch spring steel (1)	212 12 02
53	"A" clutch outer selective 3.60mm	212 13 01
53	"A" clutch outer selective 3.30mm	212 13 02
53	"A" clutch outer selective 3.00mm	212 13 03
54	"A" clutch diaphragm spring	212 24 01
"D" details for 005, 006, 007, 008, 010, 018		
60	"D" clutch friction 169 X 1.6 X 40T (4)	212 11 01
61	"D" clutch steel (4)	212 12 03
62	"D" clutch outer selective 2.40mm	212 13 04
62	"D" clutch outer selective 2.10mm	212 13 05
62	"D" clutch outer selective 1.80mm	212 12 03
63	"D" clutch spring steel	212 12 04
64	"D" clutch diaphragm spring	212 24 02
"D" details for009, 013, 014, 015, 016, 017, 019, 020, 021, 022, & 023		
60	"D" clutch friction 169 X 1.6 X 40T (4)	212 11 01
61	"D" clutch steel (4)	212 12 12
62	"D" clutch outer selective 2.40mm	212 12 13
62	"D" clutch outer selective 2.10mm	212 13 14
62	"D" clutch outer selective 1.80mm	212 12 12
63	"D" clutch spring steel	212 12 04
64	"D" clutch diaphragm spring	212 24 02

Illus	Description	Part No
"C" details for 005, 006, 007, 008, 010, 018		
70	"C" clutch friction 198 X 1.6 X 30T (1)	212 11 02
71	"C" clutch steel (1)	212 12 05
72	"C" clutch steel (1)	212 12 06
73	"C" clutch diaphragm spring (1)	212 24 03
"C" details for 009, 013, 014, 015, 016, 017, 019, 020, 021, 022, & 023		
74	"C" clutch friction (one side only) 200 X 2.2 X 24T (2)	212 11 04
75	"C" clutch steel (1)	212 12 16
76	"C" clutch diaphragm spring (1)	212 24 06
"E" details for 005, 006, 007, 008, 010, 018		
80	"E" clutch friction 179 X 1.6 X 30T (4/5)	212 11 03
81	"E" clutch steel (4/5)	212 12 07
82	"E" clutch spring steel (1)	212 12 08
82	"E" clutch spring steel (005 only) (1)	212 12 17
83	"E" clutch outer selective 4.80mm	212 13 07
83	"E" clutch outer selective 4.40mm	212 13 08
83	"E" clutch outer selective 3.90mm	212 12 09
84	"E" clutch diaphragm spring	212 24 04
"E" details for009, 013, 014, 015, 016, 017, 019, & 021		
80	"E" clutch friction 179 X 1.6 X 30T (5)	212 11 03
81	"E" clutch steel (5)	212 12 18
82	"E" clutch spring steel (1)	212 12 17
83	"E" clutch outer selective 4.80mm	212 12 19
83	"E" clutch outer selective 3.90mm	212 12 20
84	"E" clutch diaphragm spring	212 24 04
"B" details for 006, 007, 008, 010, 018		
90	"B" clutch friction 179 X 1.6 X 30T (2)	212 11 03
91	"B" clutch steel 3.90mm (1)	212 12 09
92	"B" clutch steel 2.40mm (1)	212 12 10
93	"B" clutch outer selective 3.00mm	212 13 10
93	"B" clutch outer selective 2.70mm	212 13 11
93	"B" clutch outer selective 2.40mm	212 12 10
93	"B" clutch outer selective 2.10mm	212 12 07
93	"B" clutch outer selective 1.80mm	212 13 14
94	"B" clutch spring steel	212 12 08
95	"B" clutch pot	212 13 15
96	"B" clutch diaphragm spring	212 24 05
"B" details for 005,009,013,014,015, 016, 017,019,&021		
90	"B" clutch friction 179 X 1.6 X 30T (3)	212 11 03
91	"B" clutch steel 3.90mm (1)	212 12 20
92	"B" clutch steel 2.40mm (2)	212 12 21
93	"B" clutch outer selective 3.00mm	212 13 22
93	"B" clutch outer selective 2.70mm	212 13 23
93	"B" clutch outer selective 2.40mm	212 12 21
93	"B" clutch outer selective 2.10mm	212 12 18
93	"B" clutch outer selective 1.80mm	212 13 24
94	"B" clutch spring steel	212 12 17
95	"B" clutch pot	212 13 16
96	"B" clutch diaphragm spring	212 24 05
FILTER		
110	Main pick up	
	006, 009, 010, 013, 014, 015, 016, 017, 018, 020	212 27 01
	005, 007, 008, 019	212 27 02
BUSHES & BEARINGS		
115	Spur gear roller bearing 46 x 75 x 18	212 21 02
116	Spur gear roller bearing 48 x 80.9 x 19	212 21 03
117	Idler gear bearing 34.9 x 65 x 18	212 21 04
118	Idler gear bearing 29.9 x 62 x 18.1	212 21 05
119	Diff assembly bearing 50 x 80 x 20 (2)	212 21 06
THRUST WASHERS		
129	Pump seal washer	
130	Idler gear selective shim 1.20mm	212 22 20
130	Idler gear selective shim 1.15mm	212 22 21
130	Idler gear selective shim 1.10mm	212 22 22
131	Diff. assembly shim 2.00mm	212 22 23
131	Diff. assembly shim 1.95mm	212 22 24
131	Diff. assembly shim 1.90mm	212 22 25
131	Diff. assembly shim 1.85mm	212 22 26



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Illus	Description	Part No.	Illus	Description	Part No
131	Diff. assembly shim 1.80mm	212 22 27	160	"C" & "D" clutch carrier 005,006,007,008,010,018	212 29 04
131	Diff. assembly shim 1.75mm	212 22 28	160	"C" & "D" clutch carrier 009, 013, 014, 015, 016, 017, 019, 020, 021, 022, & 023	212 29 21
131	Diff. assembly shim 1.70mm	212 22 29			212 29 21
131	Diff. assembly shim 1.65mm	212 22 30	161	"C" clutch cylinder 005,006,007,008,010,018	212 29 05
131	Diff. assembly shim 1.60mm	212 22 31	161	"C" clutch cylinder 009, 013, 014, 015, 016, 017, 019, 020, 021, 022, & 023	212 29 22
131	Diff. assembly shim 1.55mm	212 22 32			212 29 22
131	Diff. assembly shim 1.50mm	212 22 33	162	"E" clutch carrier	212 29 06
131	Diff. assembly shim 1.45mm	212 22 34	163	"E" stop ring	212 29 07
131	Diff. assembly shim 1.40mm	212 22 35	164	"E" oil dam	212 29 08
131	Diff. assembly shim 1.35mm	212 22 36	165	"E" piston 006, 007, 008, 010, 018	212 45 04
131	Diff. assembly shim 1.30mm	212 22 37	165	"E" piston 009, 013, 014, 015, 016, 017, 019, 021	212 45 07
131	Diff. assembly shim 1.25mm	212 22 38	166	Input shaft	212 64 01
131	Diff. assembly shim 1.20mm	212 22 39	167	"B" clutch piston	212 45 05
131	Diff. assembly shim 1.15mm	212 22 40	168	"B" clutch oil dam	212 29 09
131	Diff. assembly shim 1.10mm	212 22 41	169	"B" stop ring	212 29 10
132	Spur gear adjusting shim 6.30mm	212 22 42	172	Speedo drive gear	212 60 01
132	Spur gear adjusting shim 6.25mm	212 22 43	173	Speedo driven gear 006, 010	212 60 02
132	Spur gear adjusting shim 6.20mm	212 22 44	173	Speedo driven gear 009,013,015,016,017,018,020	212 60 04
132	Spur gear adjusting shim 6.15mm	212 22 45	173	Speedo driven gear 014	212 60 05
132	Spur gear adjusting shim 6.10mm	212 22 46	174	Speedo driven gear housing	
132	Spur gear adjusting shim 6.05mm	212 22 47	175	Diff assembly 005, 007, 008, 021, 022, 023	212 68 03
132	Spur gear adjusting shim 6.00mm	212 22 48	175	Diff assembly 006, 010, 014	212 68 04
132	Spur gear adjusting shim 5.95mm	212 22 49	175	Diff assembly 009, 013, 015, 016, 017, 018, 020	212 68 05
132	Spur gear adjusting shim 5.90mm	212 22 50	176	Crown wheel 007, 008, 022, 023,	212 68 01
132	Spur gear adjusting shim 5.85mm	212 22 51	176	Crown wheel 005, 006, 009, 010, 013, 014	212 68 02
132	Spur gear adjusting shim 5.80mm	212 22 52	176	Crown wheel 015, 016, 017, 018, 019, 020, 021	212 68 02
132	Spur gear adjusting shim 5.75mm	212 22 53	177	Idler gear assembly 006, 010, 018, 019, 020	212 29 11
132	Spur gear adjusting shim 5.70mm	212 22 54	177	Idler gear assembly 005, 014, 015, 016, 017, 021	212 29 17
132	Spur gear adjusting shim 5.65mm	212 22 55	177	Idler gear assembly 007, 022	212 29 18
132	Spur gear adjusting shim 5.60mm	212 22 56	177	Idler gear assembly 008, 023	212 29 19
132	Spur gear adjusting shim 5.55mm	212 22 57	177	Idler gear assembly 009, 013	212 29 20
132	Spur gear adjusting shim 5.50mm	212 22 58	180	Oil tank	
132	Spur gear adjusting shim 5.45mm	212 22 59	181	Baffle plate	
132	Spur gear adjusting shim 5.40mm	212 22 60	182	Baffle plate	
133	Needle thrust	212 23 01	183	Heat exchanger	212 41 01
	CIRCLIPS			ELECTRICAL	
140	"D" clutch	212 32 01	190	Switch 006, 009, 010, 011, 013, 014, 015, 016, 017, 018, 020 005, 007, 008	212 35 01 212 35 03
141	"C" clutch selective 1.90mm	212 32 02	NI	Valve body harness	212 35 02
141	"C" clutch selective 1.80mm	212 32 03		MISCELLANEOUS	
141	"C" clutch selective 1.70mm	212 32 04	NI	Wall chart	212 33 10
141	"C" clutch selective 1.60mm	212 32 05		CONVERTERS	
141	"C" clutch selective 1.50mm	212 32 06		Alfa Romeo & Fiat Code 019	212 30 05
141	"C" clutch selective 1.40mm	212 32 07		Citroen Code 017	212 30 02
141	"C" clutch selective 1.30mm	212 32 08		Mercedes Codes 005, 007, 008, 021, 022, 023	212 30 01
142	"D" clutch selective 3.80mm	212 32 09		Peugeot Codes 009, 013, 014, 015	212 30 02
142	"D" clutch selective 3.65mm	212 32 10		Peugeot Code 006	212 30 03
142	"D" clutch selective 3.50mm	212 32 11		Peugeot Code 010, 018, 020	212 30 04
142	"D" clutch selective 3.35mm	212 32 12		Renault Code 016	212 30 02
142	"D" clutch selective 3.20mm	212 32 13			
142	"D" clutch selective 3.05mm	212 32 14			
143	"E" clutch	212 32 15			
144	"B" clutch	212 32 16			
145	"E" clutch friction carrier	212 32 17			
	HARD PARTS				
150	Pump & Stator assembly (150 + 151)	212 38 01			
151	Stator shaft & support	212 39 01			
152	Sun gear shaft	212 65 01			
153	Stop ring	212 29 01			
154	"A" clutch piston	212 45 03			
155	Locknut	212 37 01			
156	Locknut tab washer	212 29 02			
157	Bearing centre support	212 43 01			
158	Spur gear 006, 008, 010, 018, 019, 020, 023	212 29 03			
158	Spur gear 005, 007, 014, 015, 016, 017, 021, 022	212 29 15			
158	Spur gear 009, 013	212 29 16			

