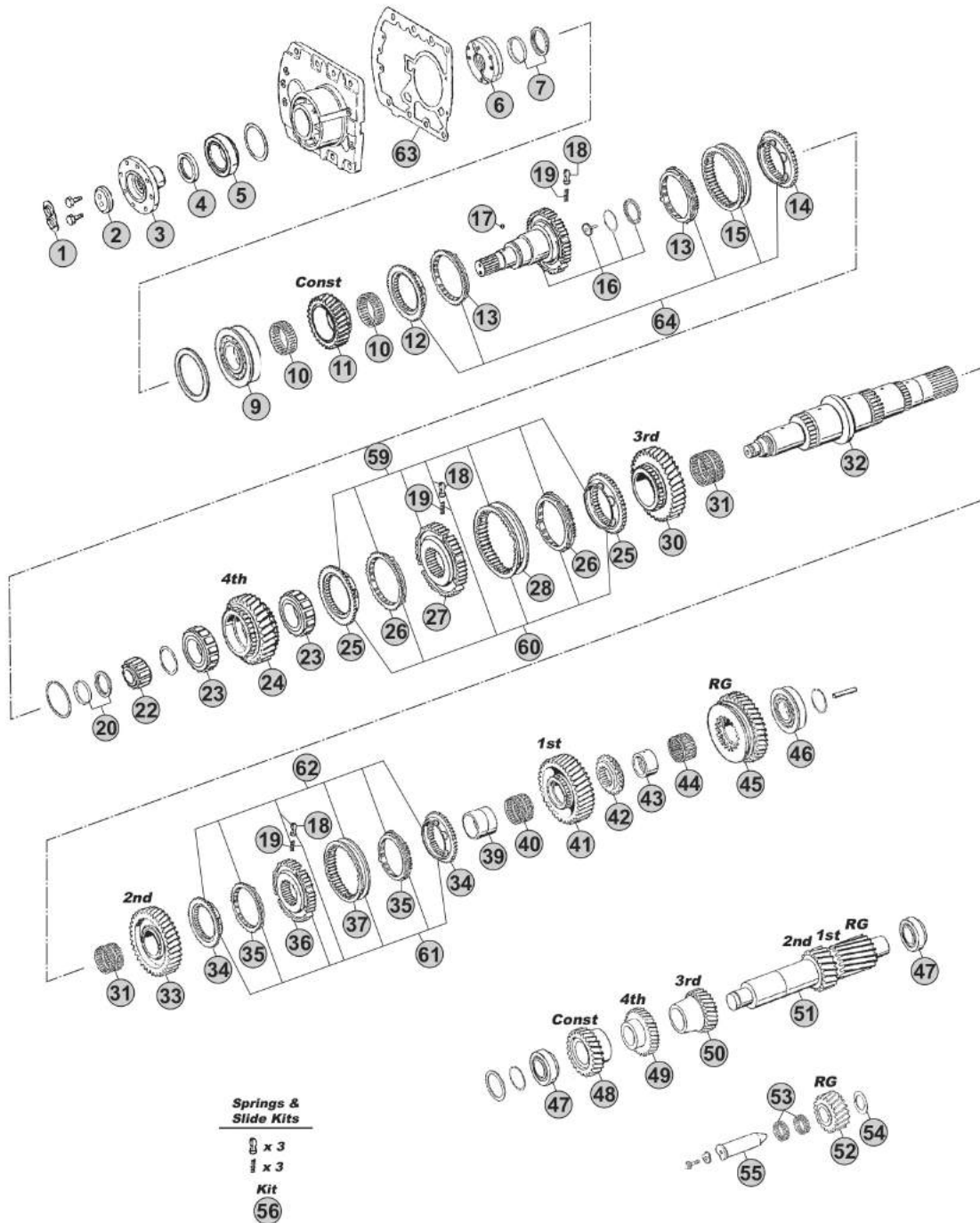


MODELS:

- ECOSPLIT I-II

VERSIONS:

- 16S220A (1312 xxx xxx)



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Notes

- (A) R. 14,14-0,86
- (B) R. 16,87-1,02

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Fig.	CEI no.	ZF no.	Description	Q.ty	Notes	16S220A			
1	188.274	1269 302 164	Stop Washer	1		●			
2	188.078	1269 302 065	Stop Washer	1		●			
3	155.329	1312 304 152	Input Flange	1		●			
4	139.675	0734 319 276	Oil Seal 75X105X14	1		●			
5	130.686	0750 117 312	Roller Bearing 50,8x104,7x30,1	1		●			
6	280.348	1295 202 041	Oil Pump	1		●			
7	298.408	1499 298 136	Shims Kit Th. 4,35mm	1		●			
7	298.409	1499 298 135	Shims Kit Th. 4,30mm	1		●			
7	298.410	1499 298 134	Shims Kit Th. 4,25mm	1		●			
7	298.411	1499 298 133	Shims Kit Th. 4,20mm	1		●			
7	298.412	1499 298 132	Shims Kit Th. 4,15mm	1		●			
7	298.413	1499 298 131	Shims Kit Th. 4,10mm	1		●			
7	298.419	1499 298 130	Shims Kit Th. 4,05mm	1		●			
7	298.420	1499 298 129	Shims Kit Th.4,00 mm	1		●			
7	298.421	1499 298 128	Shims Kit Th.3,95 mm	1		●			
7	298.422	1499 298 127	Shims Kit Th.3,90 mm	1		●			
7	298.423	1499 298 126	Shims Kit Th.3,85 mm	1		●			
7	298.424	1499 298 125	Shims Kit Th.3,80 mm	1		●			
9	130.306	0750 117 431	Bearing 75x150x30,50	1		●			
10	137.134	0735 320 950	Needle Cage 93x101x32,50	2		●			
11	145.491	1312 302 073	Constant Gear 34 T	1	A	●			
11	145.490	1312 302 074	Constant Gear 30 T	1	B	●			
12	109.134	1312 304 027	Synchronizer Cone	1		●			
13	119.119	1297 304 402	Synchronizer Ring	2	Old Type	●			
13	119.167	1297 304 484	Synchronizer Ring	2	New Type	●			
14	109.133	1312 304 056	Synchronizer Cone	1		●			
15	154.135	1310 304 202	Sliding Sleeve	1		●			
16	190.559	1312 202 041	Input Shaft	1		●			
17	171.084	0635 470 012	Needle D.7x7	1		●			
18	160.189	1297 304 436	Pressure Piece	3	3x3 pcs.	●			
19	156.140	0732 040 409	Spring De.6,5x23,50	3	3x3 pcs.	●			
20	298.392	1499 298 027	Shims Kit Th=5,00mm	1		●			
20	298.393	1499 298 026	Shims Kit Th=4,90mm	1		●			
20	298.394	1499 298 025	Shims Kit Th=4,80mm	1		●			
20	298.395	1499 298 024	Shims Kit Th=4,70mm	1		●			
20	298.396	1499 298 023	Shims Kit Th=4,60mm	1		●			
22	137.150	0750 117 232	Roller Bearing 42x40,30	1		●			
23	130.825	0750 118 258	Roller Cage 67x101x38	2		●			
24	146.425	1312 304 032	Gear 4th Speed 30 T	1	A	●			
24	146.317	1312 304 031	Gear 4th Speed 34 T	1	B	●			
25	109.134	1312 304 027	Synchronizer Cone	2	(20)	●			
25	109.385	1316 304 159	Synchronizer Cone	2	(21)	●			
25	109.839	1316 304 190	Synchronizer Cone	2	(22)	●			

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Notes

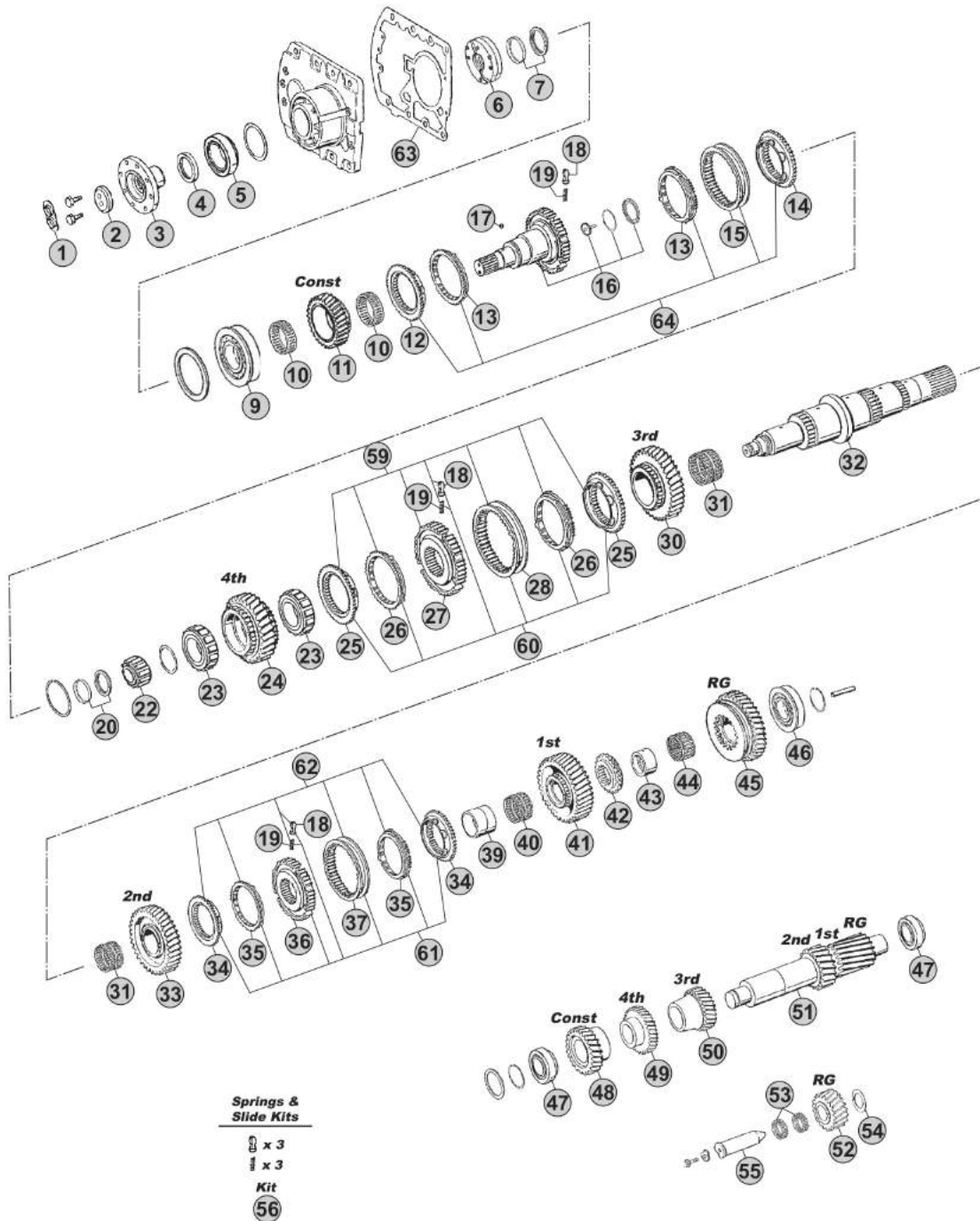
(20) Only for 3rd/4th Speed - First version - Do not mix
(21) Only for 3rd/4th Speed - Second version - Do not mix

MODELS:

- ECOSPLIT I-II

VERSIONS:

- 16S220A (1312 xxx xxx)



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Notes

- (A) R. 14,14-0,86
- (B) R. 16,87-1,02

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Fig.	CEI no.	ZF no.	Description	Q.ty	Notes	16S220A				
25	109.208	1356 304 025	Synchronizer Cone	2	(23)	●				
26	119.119	1297 304 402	Synchronizer Ring	2	(20) Old Type	●				
26	119.167	1297 304 484	Synchronizer Ring	2	(20) New Type	●				
26	119.217	1316 304 168	Synchronizer Ring	2	(21)	●				
26	119.308	1316 304 189	Synchronizer Ring	2	(22)	●				
26	119.327	1316 304 196	Synchronizer Ring	2	(23)	●				
27	157.180	1312 304 052	Synchronizer Hub	1	(20)	●				
27	157.227	1316 304 162	Synchronizer Hub	1	(21)	●				
27	155.291	1356 304 019	Synchronizer Hub	1	(22-23)	●				
28	154.135	1310 304 202	Sliding Sleeve	1	(20)	●				
28	154.357	1316 304 167	Sliding Sleeve	1	(21)	●				
28	154.482	1356 304 023	Sliding Sleeve	1	(22-23)	●				
30	145.498	1312 304 137	Gear 3rd Speed 32 T	1	A	●				
30	145.497	1312 304 136	Gear 3rd Speed 34 T	1	B	●				
31	137.138	0750 115 303	Needle Cage 92x100x63	2		●				
32	103.316	1312 304 133	Main Shaft	1		●				
33	145.504	1312 304 141	Gear 2nd Speed 37 T	1	A	●				
33	145.503	1312 304 139	Gear 2nd Speed 38 T	1	B	●				
34	109.132	1313 304 009	Synchronizer Cone	2	(31)	●				
34	109.386	1316 304 156	Synchronizer Cone	2	(32-33)	●				
34	109.824	1356 304 026	Synchronizer Cone	2	(34)	●				
35	119.122	1297 304 401	Synchronizer Ring	2	(31) Old Type	●				
35	119.166	1297 304 485	Synchronizer Ring	2	(31) New Type	●				
35	119.218	1316 304 170	Synchronizer Ring	2	(32-33)	●				
35	119.302	1316 304 173	Synchronizer Ring	2	(34)	●				
36	157.189	1313 304 008	Synchronizer Hub	1	(31)	●				
36	157.228	1316 304 163	Synchronizer Hub	1	(32)	●				
36	155.290	1356 304 022	Synchronizer Hub	1	(33-34)	●				
37	154.202	1316 304 078	Sliding Sleeve	1	(31)	●				
37	154.358	1316 304 169	Sliding Sleeve	1	(32)	●				
37	154.456	1356 304 024	Sliding Sleeve	1	(33-34)	●				
39	117.310	1312 304 084	Bush 85x96x72	1		●				
40	137.151	0750 115 327	Needle Cage 96x104x72	1		●				
41	145.509	1312 304 086	Gear 1st Speed 44 T	1	A	●				
41	145.510	1312 304 085	Gear 1st Speed 47 T	1	B	●				
42	109.181	1312 304 083	Synchronizer cone	1		●				
43	117.311	1316 304 133	Bush 80x90x50	1		●				
44	137.140	0750 115 326	Roller Cage 90x98x50	1		●				
45	147.141	1312 304 088	Reverse Gear 39 T	1	A	●				
45	147.139	1312 304 087	Reverse Gear 38 T	1	B	●				
46	130.304	0750 117 678	Bearing 80x140x36,50	1		●				
47	130.308	0750 117 009	Bearing 49,2x103,1x43,6	2		●				
48	146.411	1312 303 006	Constant Gear 37 T	1	A	●				

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Notes

(22) Only for 3rd/4th Speed - Latest type - Do not mix
 (23) Only for 3rd/4th Speed - Latest type - Do not mix - Carbon version
 (20) Only for 3rd/4th Speed - First version - Do not mix
 (21) Only for 3rd/4th Speed - Second version - Do not mix
 (31) Only for 1st/2nd speed - First version (single cone) - Do not mix

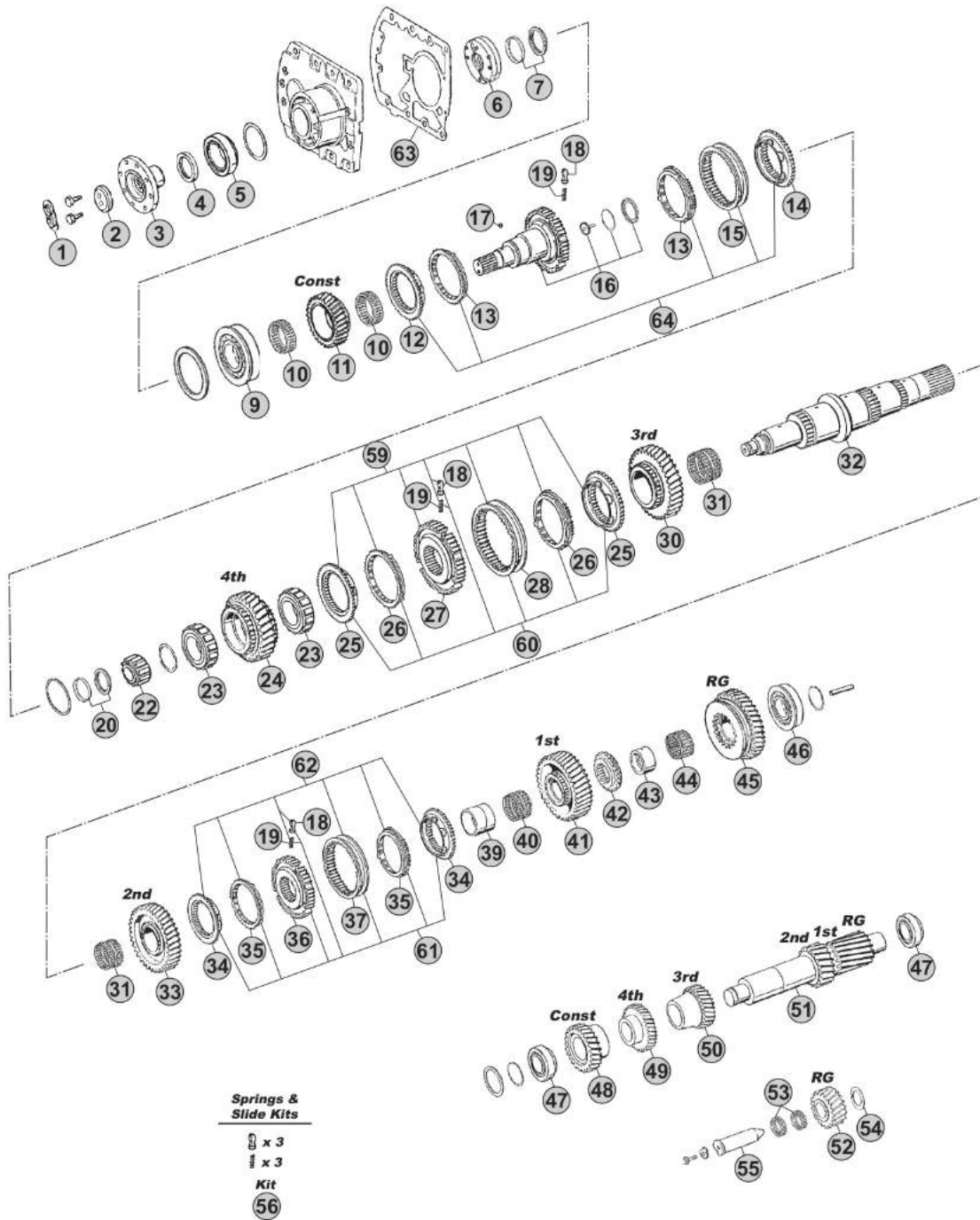
(32) Only for 1st/2nd speed - Second version (Single cone) - Do not mix
 (33) Only for 1st/2nd speed - Latest type (single cone) - Do not mix
 (34) Only for 1st/2nd speed - Latest type (single cone) - Do not mix - Carbon version

MODELS:

- ECOSPLIT I-II

VERSIONS:

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Notes

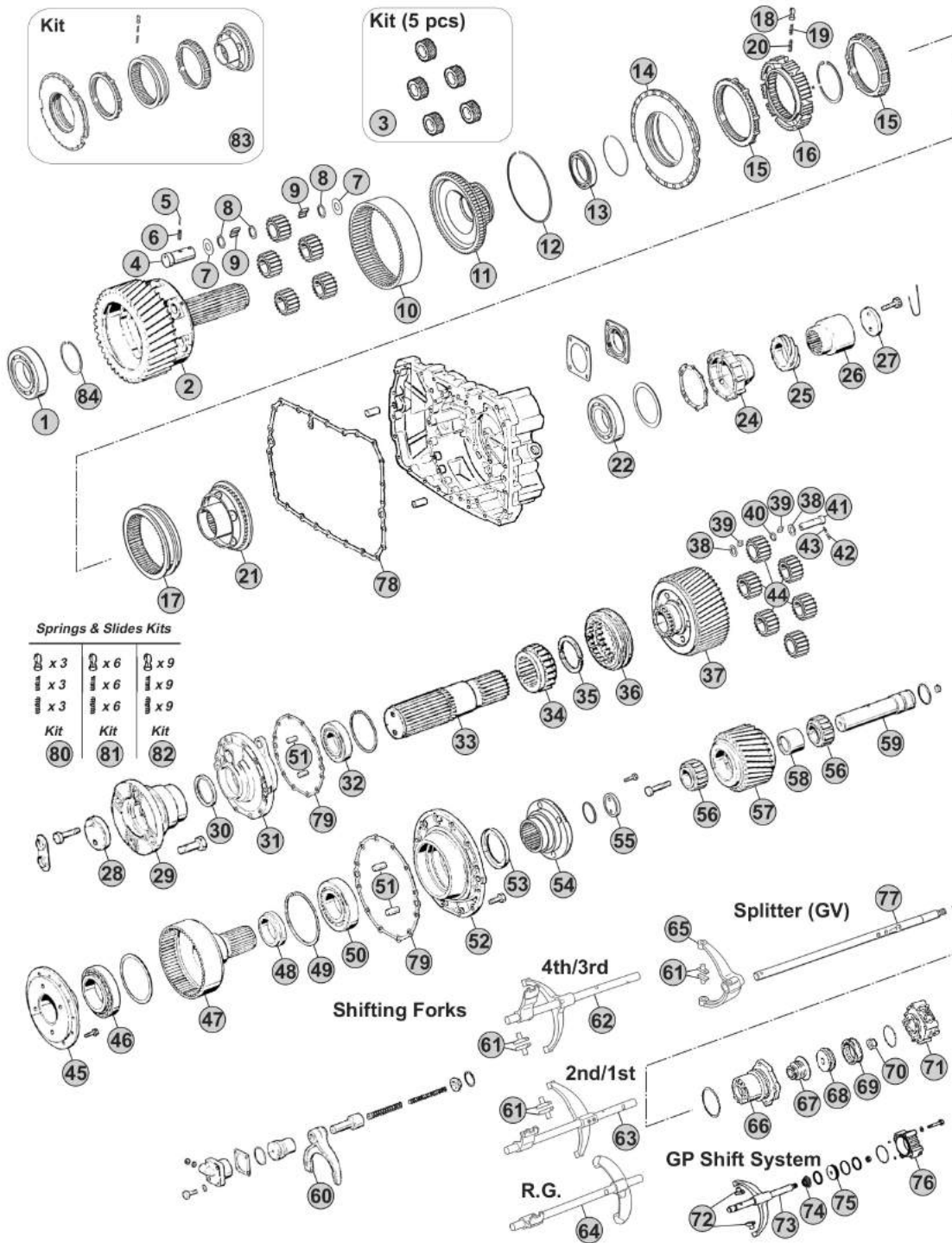
- (A) R. 14,14-0,86
- (B) R. 16,87-1,02

MODELS:

- ECOSPLIT I-II

VERSIONS:

- 16S220A (1312 xxx xxx)



Springs & Slides Kits

x3	x6	x9
x3	x6	x9
x3	x6	x9
Kit 80	Kit 81	Kit 82

Notes

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- (B) R. 16,87-1,02

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Fig.	CEI no.	ZF no.	Description	Q.ty	Notes	16S220A				
1	130.433	0735 410 110	Bearing 110x200x38	1		●				
2	190.560	1312 232 025	Planetary Carrier	1		●				
3	198.801	1312 232 014	Planetary Gear Set (5 pcs)	1		●				
4	107.165	1312 332 026	Planetary Pin	5		●				
5	160.195	0631 329 167	Lock Pin 3x26	5		●				
6	160.194	0631 329 051	Lock Pin 5x26	5		●				
7	169.759	0501 308 981	Thrust Washer	10		●				
8	169.744	0730 107 168	Spacer Ring	15		●				
9	171.062	0750 119 116	Needle 10x16,80 (140 pcs)	140		●				
10	123.208	1295 332 086	Crown Gear 86 T	1		●				
11	150.134	1297 332 120	Carrier Hub 86 T	1		●				
12	111.198	0730 505 056	Locking Wire	1		●				
13	130.311	0635 338 035	Bearing 100x125x13	1		●				
14	198.358	1296 233 006	Synchro Cone	1		●				
15	119.085	1296 333 022	Synchronizer Ring	2	Old Type	●				
15	119.172	1296 333 045	Synchronizer Ring	2	New Type	●				
16	157.183	1297 333 115	Synchronizer Hub	1		●				
17	154.098	1296 333 023	Sliding Sleeve	1		●				
18	160.116	1240 304 278	Pressure Piece	9		●				
19	156.036	0732 040 386	Inner Spring De.3x34	9		●				
20	156.037	0732 040 385	Outer Spring De.6x34	9		●				
21	198.790	1297 233 056	Synchronizer Cone (41 spl.)	1		●				
22	130.245	0750 116 394	Bearing 90x160x30	1		●				
24	128.355	1312 301 037	Rear Cover	1		●				
25	117.507	1297 238 005	Bush	1		●				
26	117.508	1312 332 033	Bush	1		●				
27	188.121	1312 332 028	Stop Washer	1		●				
28	188.077	1295 332 051	Stop Washer	1		●				
29	197.167	1297 338 041	Output Flange D.180 mm	1		●				
30	139.975	0750 111 107	Oil Seal	1		●				
31	128.341	1297 339 030	Rear Cover	1		●				
32	130.245	0750 116 394	Bearing 90x160x30	1		●				
33	103.315	1297 339 028	Output Shaft	1		●				
34	155.328	1297 339 024	Fixed Hub	1		●				
35	269.814	1297 339 005	Shim	1		●				
36	154.514	1297 339 035	Sliding Sleeve	1		●				
37	190.558	1312 237 002	Planetary Carrier	1		●				
38	269.671	0730 002 088	Washer	10		●				
39	171.088	0635 490 013	Needle 3,5x17,8	300		●				
40	269.672	0730 104 292	Ring	5		●				
41	107.222	1297 337 009	Planetary pin	5		●				
42	160.315	0631 329 014	Lock Pin	5		●				
43	160.316	0631 329 046	Lock pin	5		●				

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16S220A

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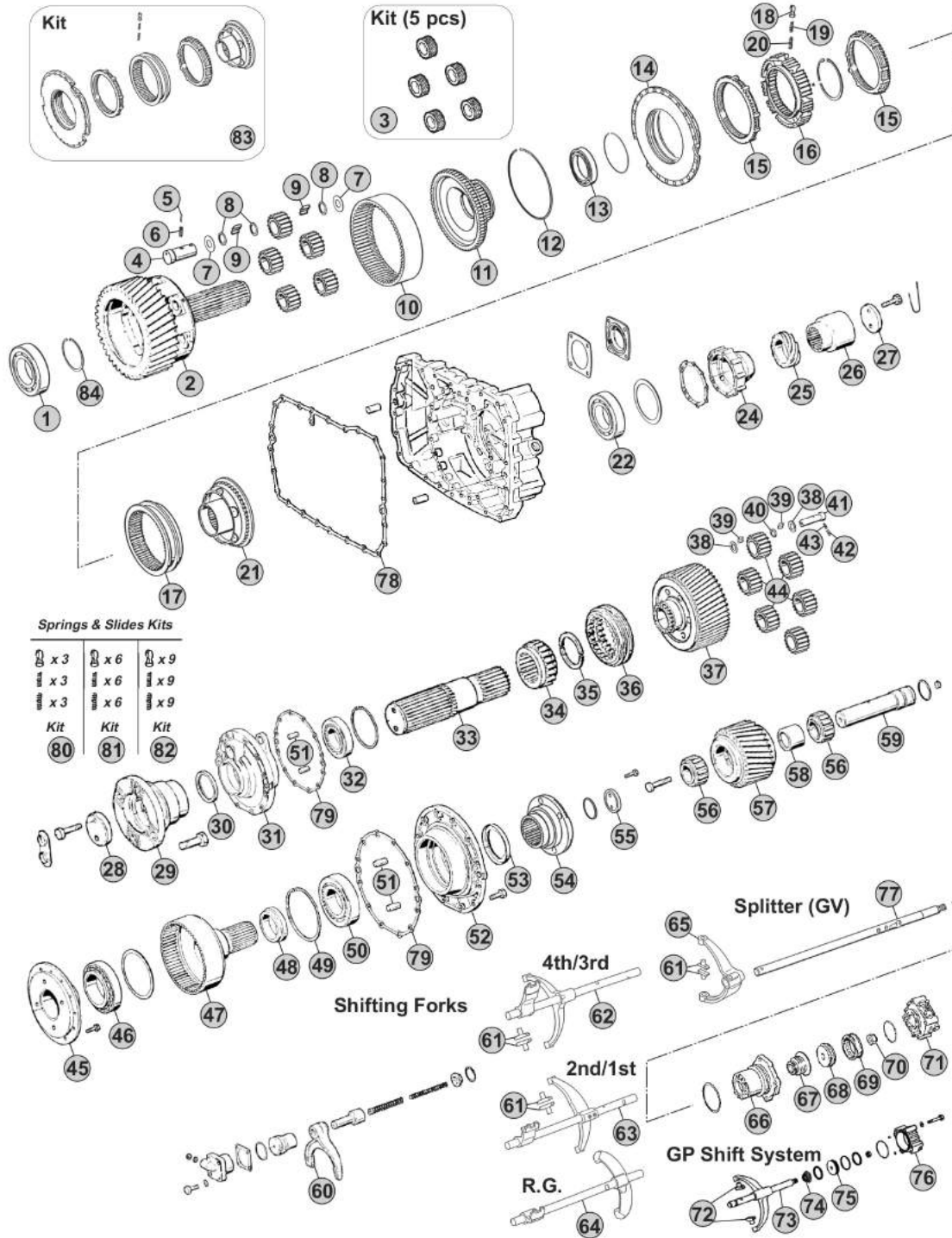
Notes

MODELS:

- ECOSPLIT I-II

VERSIONS:

- 16S220A (1312 xxx xxx)



Notes

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- (B) R. 16,87-1,02

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Fig.	CEI no.	ZF no.	Description	Q.ty	Notes	16S220A				
44	298.156	1297 237 005	Planetary Gear Set	1		●				
45	128.342	1297 337 017	Rear Cover	1		●				
46	130.434	0635 370 030	Bearing	2		●				
47	103.314	1297 338 048	Output Shaft	1		●				
48	269.818	1297 338 019	Thrust Ring	1		●				
49	111.441	0630 502 054	Retainer Ring	1		●				
50	130.245	0750 116 394	Bearing 90x160x30	1		●				
51	160.313	0631 306 776	Pin	2	2x2 pcs.	●				
52	128.343	1297 338 083	Cover	1		●				
53	139.975	0750 111 107	Oil Seal	1		●				
54	197.167	1297 338 041	Output Flange D.180 mm	1		●				
55	188.077	1295 332 051	Stop Washer	1		●				
56	137.016	0750 118 016	Needle Cage 55x106,5x43	2		●				
57	244.207	1312 336 001	Gear Low Speed	1		●				
58	117.505	1297 336 008	Bush	1		●				
59	160.317	1297 336 010	Pin	1		●				
60		1297 339 021	Fork	1		●				
61	141.163	1297 306 120	Slide	2	3x2 pcs.	●				
62		1312 206 046	Complete Fork	1		●				
63		1312 206 040	Complete Fork	1		●				
64		1312 206 033	Complete Fork	1		●				
65	141.086	1313 312 002	Shift Yoke	1		●				
66	132.046	1296 312 042	Cylinder	1		●				
67	139.331	0750 112 034	Cap Collar 25x38x14,2	1		●				
68	188.276	1312 312 003	Piston	1		●				
69	139.912	0750 112 089	Ring 53x63x16,2	1		●				
70	287.091	0737 300 037	Nut	1		●				
71	132.084	0750 132 032	Cylinder	1		●				
71	132.085	0750 132 033	Cylinder	1		●				
72	141.085	1296 334 004	Bronze Slide	2		●				
73	149.279	1297 234 021	Selector Rod	1		●				
74	139.331	0750 112 034	Cap Collar 25x38x14,2	1		●				
75	188.278	1297 334 056	Piston	1		●				
76	132.036	1297 334 055	Cylinder	1		●				
77		1312 312 008	Selector Rod	1		●				
78	239.005	0501 311 961	Gasket	1		●				
79	239.006	1313 339 002	Gasket	2		●				
80	198.339	1268 298 938	Spring Slide kit	1		●				
81	198.564		Spring Slide kit	1		●				
82	198.842	1295 298 933	Spring Slide kit	1		●				
83	298.113		Repair kit	1	W/"New Type" synchro rings	●				
84	111.440	0630 501 058	Retainer Ring	1		●				

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Notes