



TRANSMISSION PARTS IDENTIFICATION GUIDE

Transmission for Setting the Correct Model Type When Reprogramming

Trans S/N First 6 Germany	Trans S/N First 6 Detroit	Torque Rating	Trans Type US - Detroit	Trans Type Germany	On Pages
715354	716300	1450	DT12-DB	G211	2 - 26
715364	716310	1650	DT12-OB	G230	28 - 49
715374	716320	1750	DT12-DA	G281	50 - 72
715384	716330	2050	DT12-0A	G330	50 - 72
715 Germany Built Transmission	716 Detroit Built Transmission		D = Direct Drive O = Over Drive A = Large Body Transmission B = Small Body Transmission		

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DETROIT DT12-DB

G211-12KL

Gearbox

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G230-12KL

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DETROIT DT12-DA

G281-12KL

DETROIT DT12-0A

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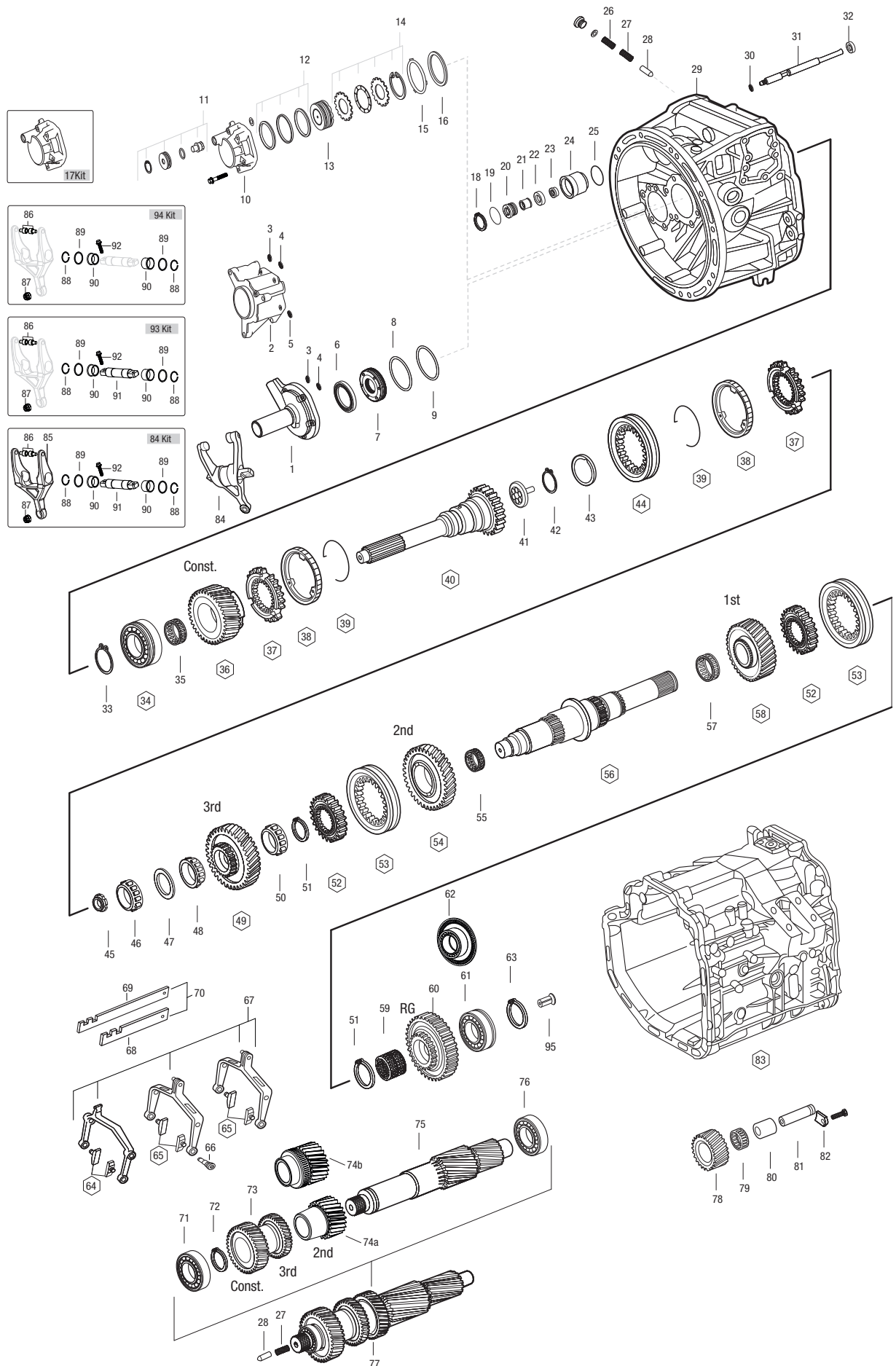
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											G211-12KL				Gearbox
Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes	X1	X2	X3	X4					
1	ULT21.03462	947 261 0818	(947 261 0618)	1	COVER		×	×	×						
2		960 261 0018		1	COVER					×					
3		019 997 8348			O-RING	14.0x4.0mm	×	×	×	×					
4		015 997 4048			O-RING	5.0x3.0mm	×	×	×	×					
5		023 997 7748			O-RING	13.1x2.0mm				×					
6	ULT21.03509	023 997 7847	(019 997 0647)	1	OIL SEAL	56.0X72.0X8.0mm	×	×	×	×					
7	ULT21.06038	389 261 0665	(389 261 0765)	1	OIL BAFFLE		×	×	×	×					
			(389 261 0865)												
8		020 997 7848		1	O-RING	138.0x3.0mm	×	×	×	×					
9	ULT21.04162	389 262 4152	(389 262 0955)	1	SHIM	0.10mm	×	×	×	×					
9	ULT21.04151	389 262 3055		1	SHIM	0.20mm	×	×	×	×					
9	ULT21.04151	389 262 3055		1	SHIM	0.25mm	×	×	×	×					
9	ULT21.04163	389 262 4452	(389 262 3555)	1	SHIM	0.40mm	×	×	×	×					
9	ULT21.04250	389 262 4055		1	SHIM	0.55mm	×	×	×	×					
10	ULT21.06301	960 261 1933	(960 260 4265)	1	COVER		×	×							
10		960 261 0033		1	COVER		×	×							
10		947 261 0733		1	COVER		×		×						
10		960 260 4865		1	COVER					×					
11		930 260 0058		1	REPAIR KIT		×	×	×	×					
12	ULT21.06396	947 260 0718		1	REPAIR KIT		×	×	×						
12		960 260 3318		1	REPAIR KIT					×					
13	ULT21.06302	960 260 1718		1	PISTON		×	×							
13		947 260 0618		1	PISTON				×						
13		960 260 2518		1	PISTON					×					
14	ULT21.06431	960 262 0191	(960 262 0091)	1	PARTS KIT		×	×	×	×					
			(947 260 4036)												
15		028 997 2348		1	O-RING	100.0X3.0mm	×	×	×	×					
16	ULT21.04192	406 337 0252		1	SHIM	0.10mm	×	×	×	×					
16	ULT21.04150	406 337 0352		1	SHIM	0.20mm	×	×	×	×					
16	ULT21.04150	406 337 0352		1	SHIM	0.25mm	×	×	×	×					
16	ULT21.04196	389 263 5352		1	SHIM	0.40mm	×	×	×	×					
16	ULT21.04197	389 263 5852		1	SHIM	0.55mm	×	×	×	×					
16	ULT21.04198	389 263 6352		1	SHIM	0.70mm	×	×	×	×					
16	ULT21.04199	389 263 6852		1	SHIM	0.85mm	×	×	×	×					
16	ULT21.04200	389 263 7352		1	SHIM	1.00mm	×	×	×	×					
16	ULT21.04201	389 263 7852		1	SHIM	1.15mm	×	×	×	×					
16	ULT21.04202	389 263 8352		1	SHIM	1.30mm	×	×	×	×					
17	ULT21.06487	2106487		1	REPAIR KIT		×	×	×						
18		006 994 4241		1	RETAINING RING		×	×	×	×					
19	ULT21.04233	389 262 2555		1	SPACER WASHER	0.70mm	×	×	×	×					
19	ULT21.04234	389 262 2655		1	SPACER WASHER	0.90mm	×	×	×	×					
											X1, X2, X3, X4 are used in conjunction with the encoded parts.				

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G211-12KL

Gearbox

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G281-12KL

DETROIT DT12-OA

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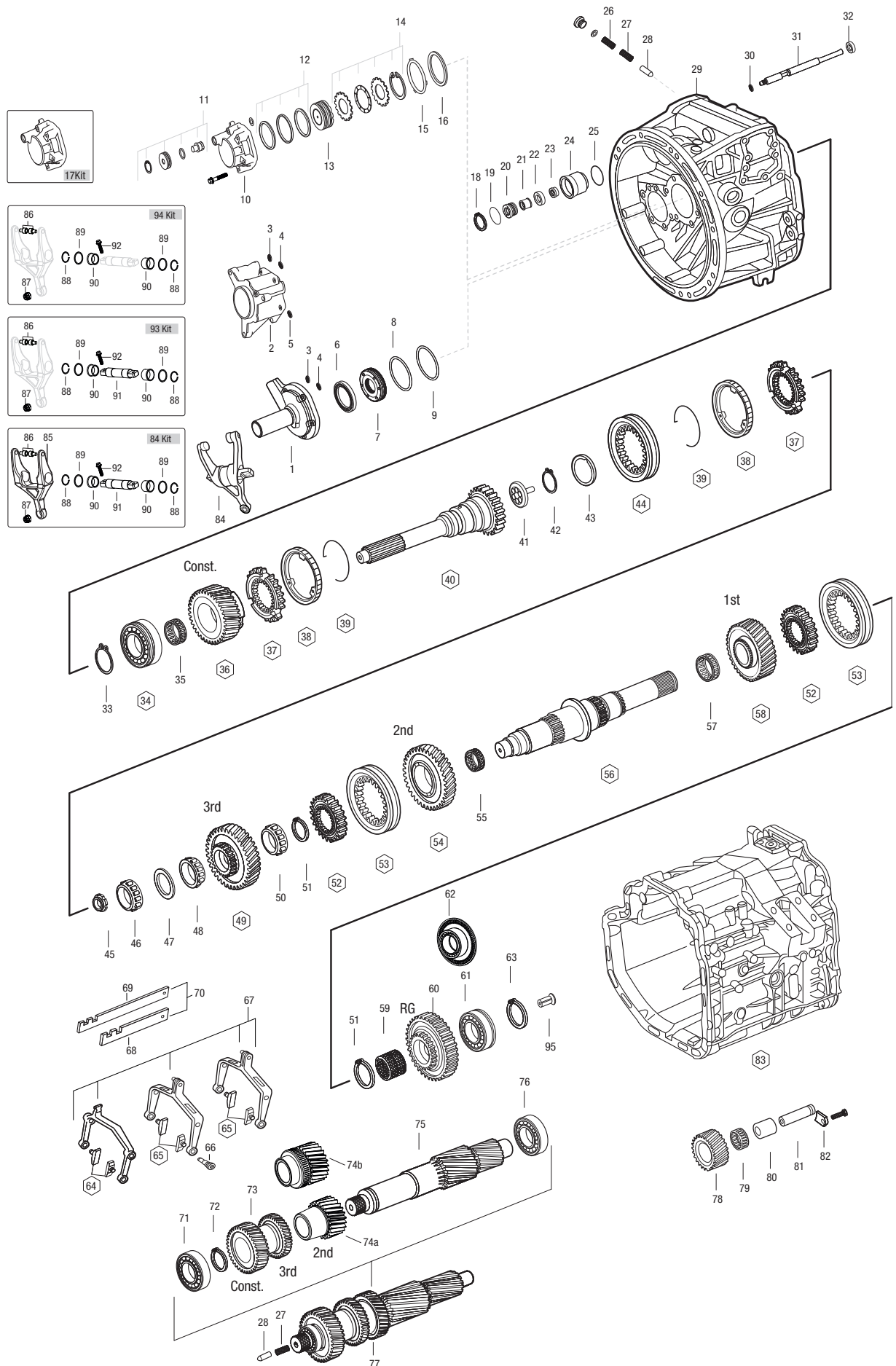
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Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes	X1	X2	X3	X4	
19	ULT21.04112	389 262 3254		1	SPACER WASHER	1.05mm	×	×	×	×	
19	ULT21.04111	389 262 3354		1	SPACER WASHER	1.10mm	×	×	×	×	
19	ULT21.04109	389 262 3554		1	SPACER WASHER	1.20mm	×	×	×	×	
19	ULT21.04105	389 262 2052		1	SPACER WASHER	1.40mm	×	×	×	×	
19	ULT21.04093	389 262 2355		1	SPACER WASHER	1.80mm	×	×	×	×	
19	ULT21.04025	389 262 3252		1	SPACER WASHER	2.00mm	×	×	×	×	
19	ULT21.04024	389 262 3352		1	SPACER WASHER	2.50mm	×	×	×	×	
20		945 267 0218	(387 267 0918)	1	PISTON		×	×	×	×	
21	ULT21.03524	012 997 3347	(006 997 6447)	1	DOUBLE PACKING		×	×	×	×	
			(020 997 6647)								
22	ULT21.04178	387 267 0650		1	BUSHING	34.0x22.0x8mm	×	×	×	×	
23	ULT21.03523	003 267 0197	(000 267 0397)	1	FLANGE PACKING	22.0x32.0x8.0mm	×	×	×	×	
24	ULT21.06036	945 267 0819	(945 267 0119)	1	CYLINDER		×	×	×	×	
			(945 267 0719)								
			(945 267 0019)								
25		022 997 4248		1	O-RING	55.60x3.0mm	×	×	×	×	
26	ULT21.06015	387 993 4501		1	SPRING	34.0x22.0x8mm	×	×	×	×	
27	ULT21.03500	387 993 4401		2	SPRING	22.0x32.0x8mm	×	×	×	×	
28	ULT21.03492	389 267 1174		2	PIN		×	×	×	×	
29		947 260 6211		1	HOUSING		×	×	×		
29		960 260 6723		1	HOUSING	NEW				×	
30	ULT21.04160	387 263 2652		1	SPACER WASHER	0.20mm	×	×	×	×	
30	ULT21.04160	387 263 2752		1	SPACER WASHER	0.40mm	×	×	×	×	
30	ULT21.04176	387 263 2852		1	SPACER WASHER	0.60mm	×	×	×	×	
30	ULT21.04177	387 263 3052		1	SPACER WASHER	1.00mm	×	×	×	×	
31		960 267 1917		1	G SHIFT RAIL		×	×	×	×	
32		004 992 6601		1	BUSHING		×	×	×	×	
33		387 262 8773		1	RETAINING RING	3.20mm	×	×	×	×	
33		387 262 8973		1	RETAINING RING	3.30mm	×	×	×	×	
33		387 262 9173		1	RETAINING RING	3.40mm	×	×	×	×	
33		387 262 9373		1	RETAINING RING	3.50mm	×	×	×	×	
34	ULT21.03618	014 981 9005	(011 981 1305)	1	ROLLER BEARING	75x140x34.30mm	×	×	×	×	
35	ULT21.03826	022 981 2110	(022 981 2010)	1	NEEDLE CAGE	84x90x48mm	×	×	×	×	
36	ULT21.03269	947 262 5210	(947 262 7310)	1	CONSTANT GEAR 29 T		×	×	×	×	
			(948 262 0010)								
			(947 262 2310)								
			(947 262 2210)								
			(947 262 2110)								
			(947 262 0310)								
			(947 262 0210)								
37	ULT21.03147	945 262 7734	(945 262 3634)	2	ENGAGING RING		×	×	×	×	

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G211-12KL

Gearbox

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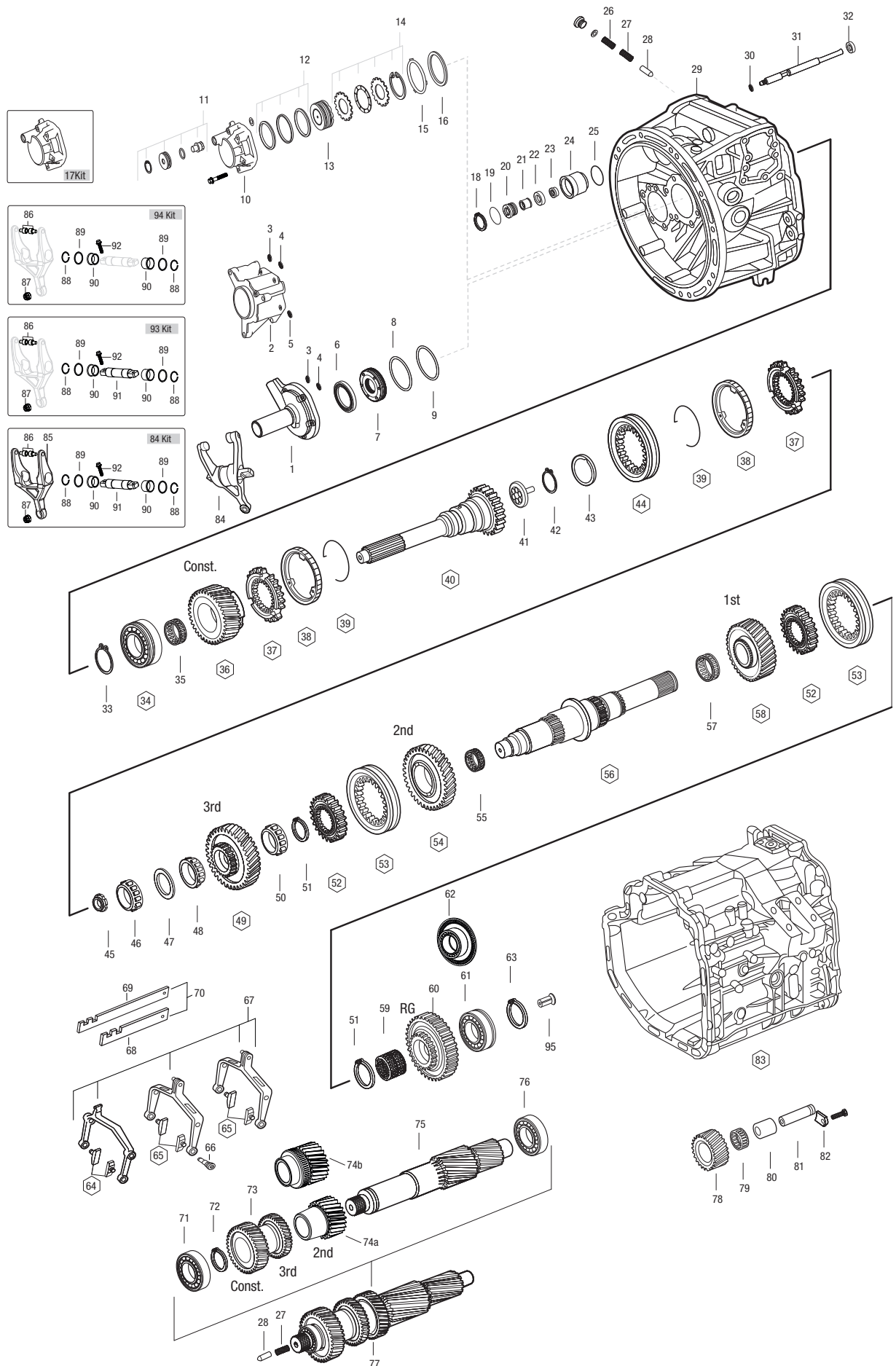
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Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes	X1	X2	X3	X4	
38	ULT21.03136	945 260 2245	(947 260 0545)	2	SYNCHRONIZING CONE	179.0mm	✕	✕	✕	✕	
			(945 262 6337)								
38	ULT21.06274	947 260 2845		2	SYNCHRONIZING CON	179.0mm	✕	✕	✕	✕	
39	ULT21.03044	387 262 1093		2	SPRING		✕	✕	✕	✕	
40	ULT21.03275	947 262 3902	(947 262 5002)	1	INPUT SHAFT		✕	✕		✕	
			(948 262 0002)								
			(947 262 3202)								
			(947 262 3102)								
			(947 262 2602)								
40	ULT21.03274	947 262 3502		1	INPUT SHAFT				✕		
41	ULT21.04001	976 269 0034		1	OIL PIPET		✕	✕	✕	✕	
42	ULT21.04002	000 994 9841		1	RETANING RING		✕	✕	✕	✕	
43	ULT21.03513	000 262 9062	(000 262 8662)	1	OIL SEAL	73.50x101.0x7.0mm	✕	✕	✕	✕	
44	ULT21.03137	945 262 6823	(945 262 6423)	1	ENGAGING SLEEVE		✕	✕	✕	✕	
45	ULT21.03432	945 990 0250		1	NUT	LEFT	✕	✕	✕	✕	
46	ULT21.03632	017 981 1305	(020 981 5205)	1	ROLLER BEARING	39.69x40.39mm	✕	✕	✕	✕	
47	ULT21.04024	389 262 3352		1	THRUST WASHER	2.50mm	✕	✕	✕	✕	
47	ULT21.04025	389 262 3252		1	THRUST WASHER	2.00mm	✕	✕	✕	✕	
47	ULT21.04026	389 262 3152		1	THRUST WASHER	1.95mm	✕	✕	✕	✕	
47	ULT21.04027	389 262 3052		1	THRUST WASHER	1.90mm	✕	✕	✕	✕	
47	ULT21.04028	389 262 2952		1	THRUST WASHER	1.85mm	✕	✕	✕	✕	
47	ULT21.04092	389 262 2455		1	THRUST WASHER	1.82mm	✕	✕	✕	✕	
47	ULT21.04093	389 262 2355		1	THRUST WASHER	1.79mm	✕	✕	✕	✕	
47	ULT21.04094	389 262 2255		1	THRUST WASHER	1.76mm	✕	✕	✕	✕	
47	ULT21.04095	389 262 2155		1	THRUST WASHER	1.73mm	✕	✕	✕	✕	
47	ULT21.04096	389 262 2055		1	THRUST WASHER	1.67mm	✕	✕	✕	✕	
47	ULT21.04097	389 262 1955		1	THRUST WASHER	1.64mm	✕	✕	✕	✕	
47	ULT21.04098	389 262 1855		1	THRUST WASHER	1.61mm	✕	✕	✕	✕	
47	ULT21.04099	389 262 1755		1	THRUST WASHER	1.58mm	✕	✕	✕	✕	
47	ULT21.04100	389 262 2352		1	THRUST WASHER	1.55mm	✕	✕	✕	✕	
47	ULT21.04101	389 262 1655		1	THRUST WASHER	1.52mm	✕	✕	✕	✕	
47	ULT21.04102	389 262 1555		1	THRUST WASHER	1.49mm	✕	✕	✕	✕	
47	ULT21.04103	389 262 1455		1	THRUST WASHER	1.46mm	✕	✕	✕	✕	
47	ULT21.04104	389 262 1355		1	THRUST WASHER	1.43mm	✕	✕	✕	✕	
47	ULT21.04105	389 262 2052		1	THRUST WASHER	1.40mm	✕	✕	✕	✕	
47	ULT21.04106	389 262 1952		1	THRUST WASHER	1.35mm	✕	✕	✕	✕	
47	ULT21.04107	389 262 2754		1	THRUST WASHER	1.30mm	✕	✕	✕	✕	
47	ULT21.04108	389 262 3654		1	THRUST WASHER	1.25mm	✕	✕	✕	✕	
47	ULT21.04109	389 262 3554		1	THRUST WASHER	1.20mm	✕	✕	✕	✕	
47	ULT21.04110	389 262 3454		1	THRUST WASHER	1.15mm	✕	✕	✕	✕	
47	ULT21.04111	389 262 3354		1	THRUST WASHER	1.10mm	✕	✕	✕	✕	
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G211-12KL

Gearbox

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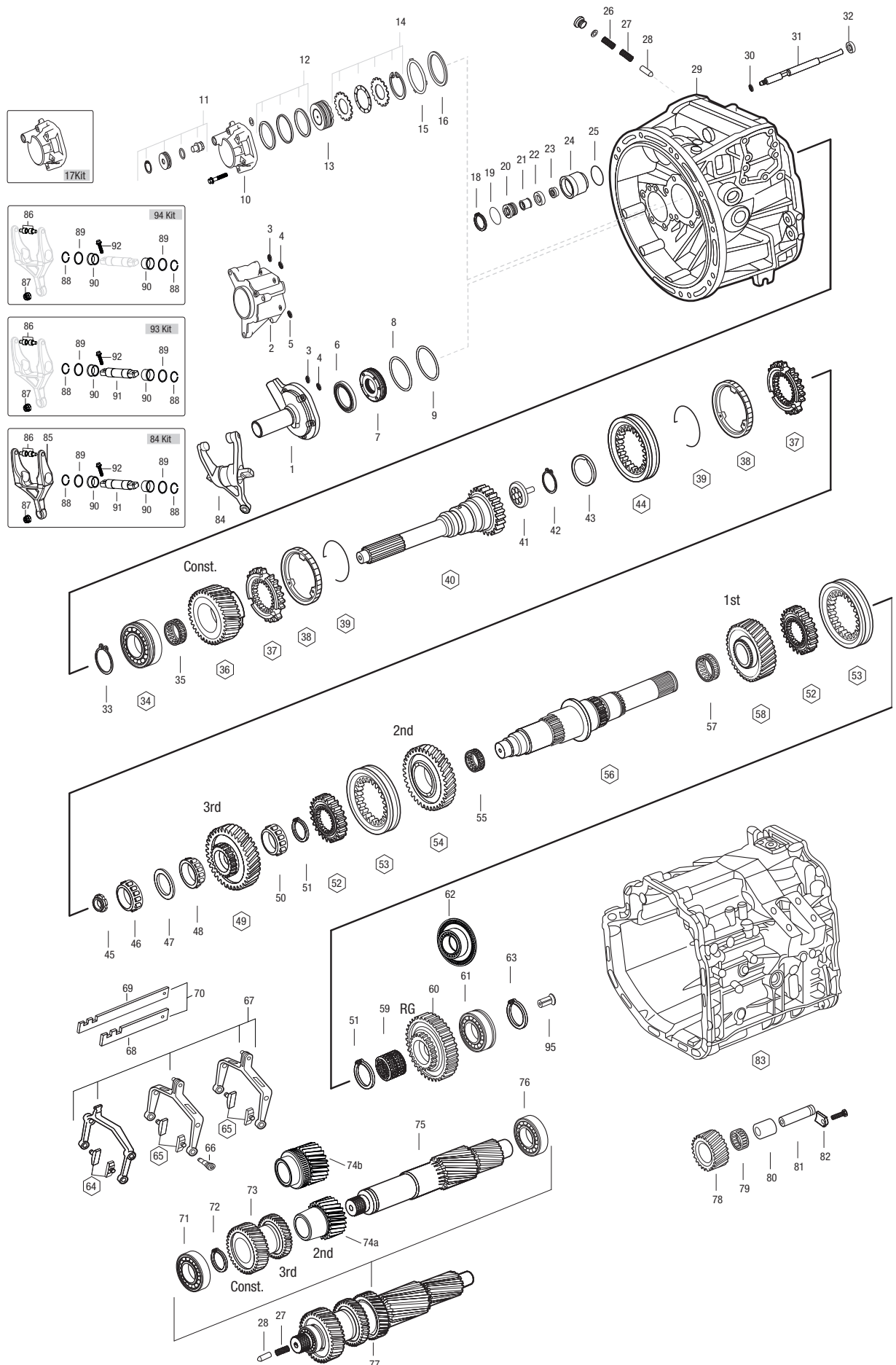
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Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes	X1	X2	X3	X4	
47	ULT21.04112	389 262 3254		1	THRUST WASHER	1.05mm	✕	✕	✕	✕	
47	ULT21.04113	389 262 2854		1	THRUST WASHER	0.50mm	✕	✕	✕	✕	
47	ULT21.04113	389 262 2854		1	THRUST WASHER	0.30mm	✕	✕	✕	✕	
47	ULT21.04113	389 262 2854		1	THRUST WASHER	0.25mm	✕	✕	✕	✕	
47	ULT21.04113	389 262 2854		1	THRUST WASHER	0.20mm	✕	✕	✕	✕	
47	ULT21.04113	389 262 2854		1	THRUST WASHER	0.10mm	✕	✕	✕	✕	
48	ULT21.03629	015 981 7605	(015 981 2005)	1	ROLLER BEARING	50x41mm	✕	✕	✕	✕	
49	ULT21.03465	947 262 0117	(947 262 0617)	1	GEAR 3rd 34 T		✕	✕		✕	
			(948 262 0410)								
49	ULT21.06392	947 262 1510		1	GEAR 3rd 34 T				✕		
50	ULT21.03636	017 981 8305		1	ROLLER BEARING	52x24mm	✕	✕		✕	
50	ULT21.03631	015 981 7705		1	ROLLER BEARING	55x90x23mm			✕		
51		387 262 0873		2	RETAINING RING	2.60mm	✕	✕	✕	✕	
51		387 262 0973		2	RETAINING RING	2.65mm	✕	✕	✕	✕	
51		387 262 7673		2	RETAINING RING	2.70mm	✕	✕	✕	✕	
51		387 262 7873		2	RETAINING RING	2.80mm	✕	✕	✕	✕	
52	ULT21.03280	947 262 1435	(947 262 1635)	2	GUIDE SLEEVE		✕	✕	✕	✕	
			(947 262 2635)								
			(947 262 1335)								
53	ULT21.03282	947 262 2223	(947 262 1423)	2	ENGAGING SLEEVE		✕	✕	✕	✕	
			(947 262 1123)								
			(947 262 0423)								
54	ULT21.03466	947 262 2412	(947 262 2712)	1	GEAR 2nd 38 T		✕	✕	✕	✕	
			(947 262 2812)								
			(948 262 0012)								
			(948 262 0812)								
			(947 262 2012)								
			(947 262 1012)								
			(947 262 0912)								
			(947 262 0812)								
55	ULT21.03817	019 981 0910	(019 981 4410)	1	NEEDLE CAGE	75x83x55mm	✕	✕	✕	✕	
			(004 981 1118)								
			(017 981 0210)								
			(012 981 9210)								
			(008 981 8310)								
56	ULT21.03467	947 262 2505	(947 262 2405)	1	MAIN SHAFT		✕	✕		✕	
			(947 262 2305)								
			(947 262 1705)								
			(948 262 0005)								
56	ULT21.03288	947 262 1505	(947 262 0705)	1	MAIN SHAFT				✕		
57	ULT21.03827	004 981 1018	(021 981 5710)	1	NEEDLE CAGE	75x83x33mm	✕	✕	✕	✕	
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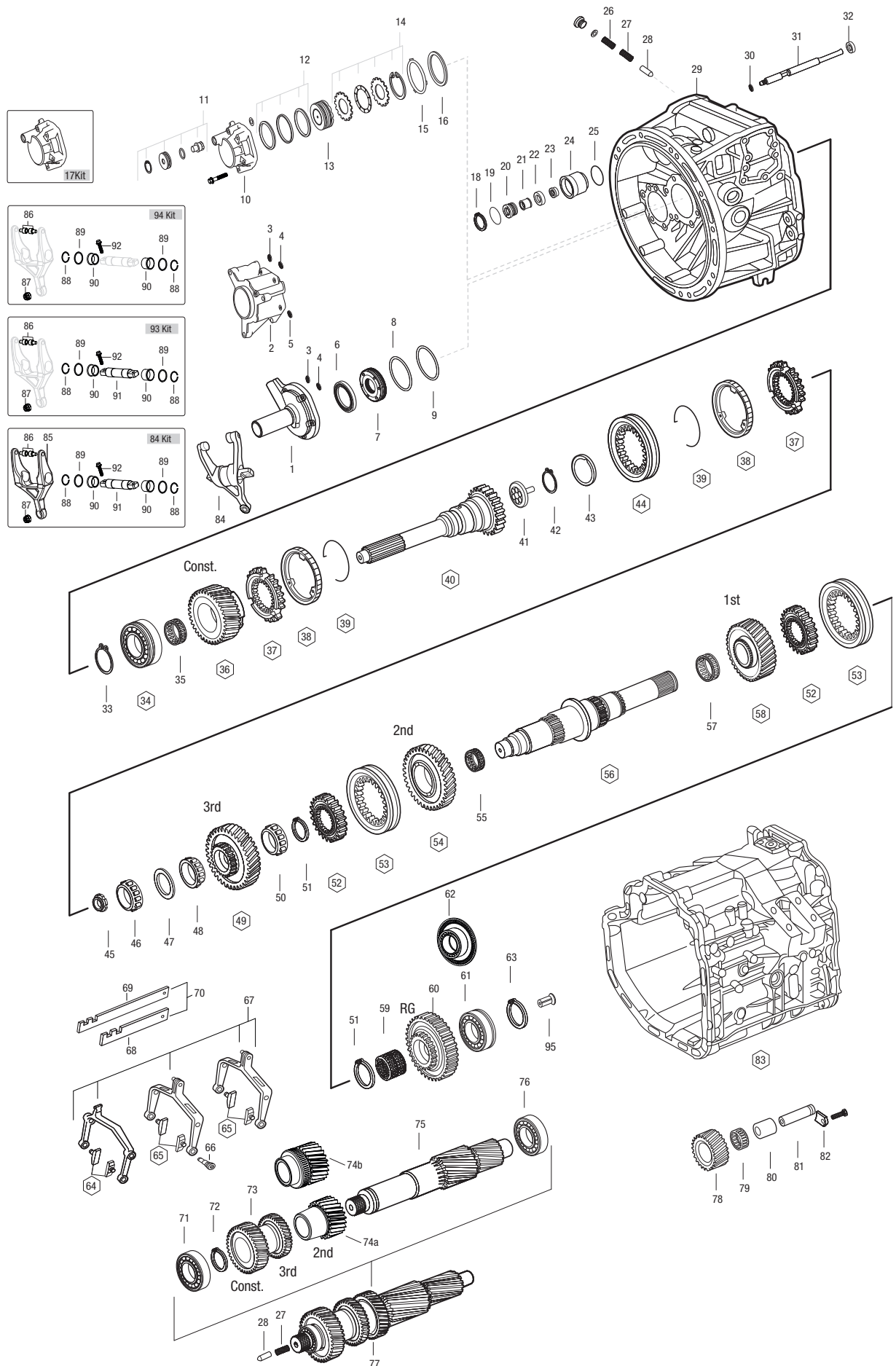
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Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes	X1	X2	X3	X4	
57	ULT21.03827	004 981 1018	(021 981 5710) (013 981 1210)	1	NEEDLE CAGE	75x83x33mm	×	×	×	×	
58	ULT21.03468	948 262 0610	(947 262 5310) (947 262 5110)	1	GEAR 1st 41 T		×	×	×	×	
59	ULT21.03828	022 981 2310	(022 981 2210)	1	NEEDLE CAGE	64x72x44.60mm	×	×		×	
59	ULT21.03842	023 981 3010		1	NEEDLE CAGE				×		
60	ULT21.03470	947 262 1933	(947 262 2533) (948 262 0033)	1	REVERSE GEAR 41 T		×	×		×	
60	ULT21.03290	947 262 1633	(947 262 1533) (947 262 1433)	1	REVERSE GEAR 41 T				×		
61		016 981 4405	(002 981 7981)	1	ROLLER BEARING				×		
61	ULT21.03856	018 981 5705		1	ROLLER BEARING		×	×		×	
62	ULT21.03857	002 980 9502		1	ROLLER BEARING		×	×			
62		003 980 0602		1	ROLLER BEARING					×	
63		007 994 1841		1	RETAINING RING	1.75mm	×	×	×	×	
64	ULT21.03431	947 265 0349	(389 265 2749)	2	SLIDING PAD		×	×	×	×	
65	ULT21.03565	947 265 0449		4	SLIDING PAD		×	×	×	×	
66	ULT21.04308	960 265 0874	(945 265 1374)	2	SCREW		×	×	×	×	
67		947 260 3530		kit	REPAIR KIT		×	×	×		
67		960 260 4030		kit	REPAIR KIT					×	
68		947 265 3404		1	SHIFTING ROD		×	×	×	×	
69		947 265 3104		1	SHIFTING ROD		×	×	×	×	
70		947 260 0331		kit	REPAIR KIT		×	×	×	×	
71	ULT21.03606	014 981 1405	(015 981 9005)	1	ROLLER BEARING	51x100x37.5m m	×	×	×	×	
72	ULT21.06426	90005 506 0300		1	RETAINING RING		×	×	×	×	
73	ULT21.03297	947 263 2910		1	DOUBLE GEAR Const./3rd 33/36 T		×	×	×	×	
74a	ULT21.03298	947 263 0512	(947 263 0312) (947 263 0212)	1	GEAR 2nd 23 T	W/Out Speed Sensor	×	×	×		
74b	ULT21.06393	947 260 3519		1	GEAR 2nd 23 T	With Speed Sensor	×	×	×	×	
75	ULT21.03302	947 263 2402		1	COUNTER SHAFT		×	×	×	×	
76	ULT21.03665	019 981 6105		1	ROLLER BEARING		×	×	×	×	
77	ULT21.06421	2106421		kit	COUNT.SHAFT COMP.	W/Out Speed Sensor	×	×	×		
77	ULT21.03594	947 260 2624		kit	COUNT.SHAFT COMP.	With Speed Sensor	×	×	×	×	
78	ULT21.06309	947 263 1531	(948 263 0031) (947 263 1231) (947 263 1131) (947 263 1031)	1	REV.IDLER GEAR		×	×	×	×	
79		003 981 2818	(023 981 3110)	1	NEEDLE CAGE		×	×	×	×	
80		947 992 0103		1	BUSHING		×	×	×	×	
81	ULT21.06037	976 263 0030		1	PIN		×	×	×	×	
82		945 263 0041		1	PIN		×	×	×	×	

X1, X2, X3, X4
are used in
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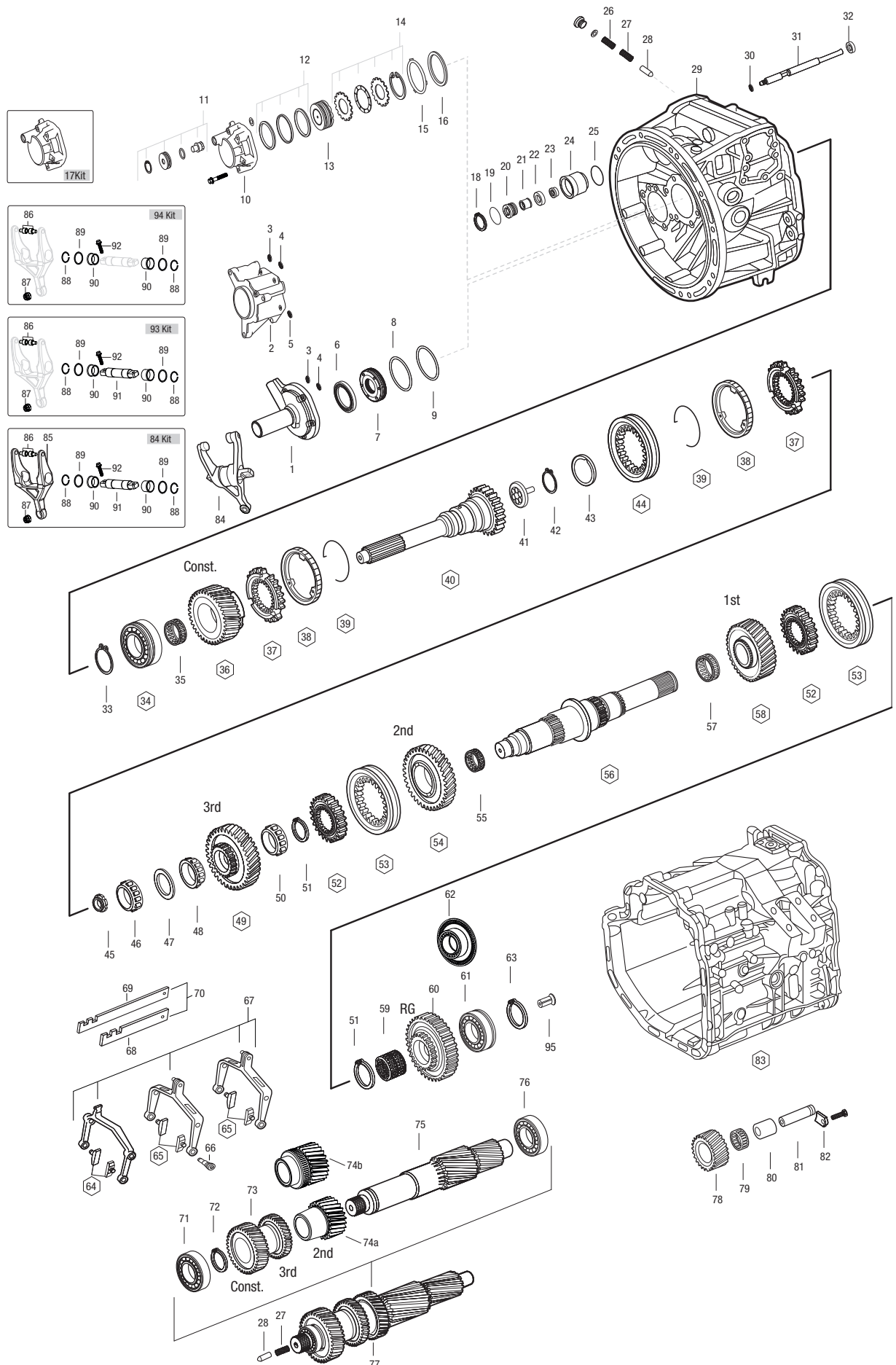
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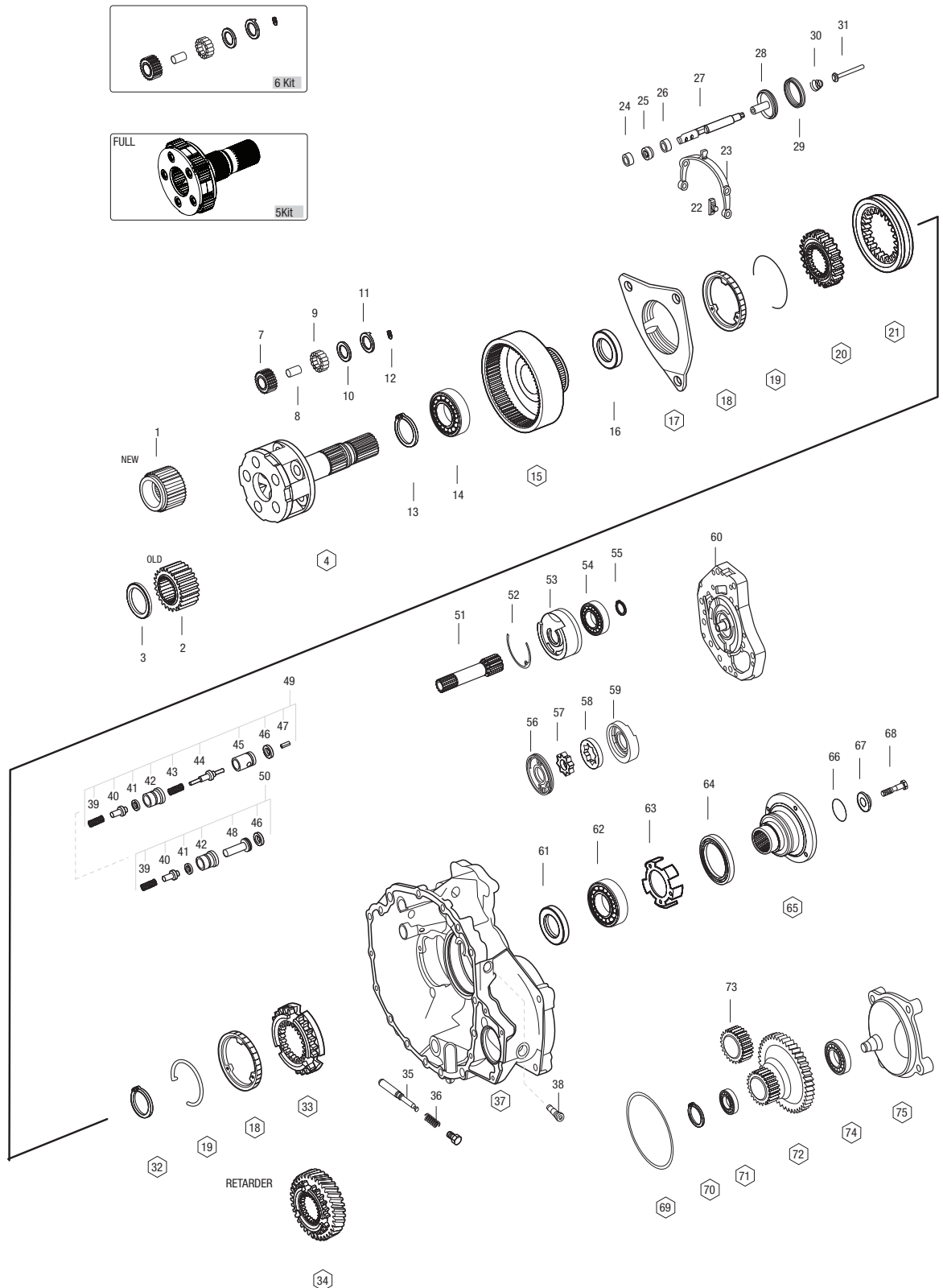
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Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes	X1	X2	X3	X4	
1	ULT21.06306	947 262 1609		1	SUN GEAR	NEW TYPE	×				
2	ULT21.03294	947 262 1209	(947 262 1109)	1	SUN GEAR	OLD TYPE		×			
			(947 262 1009)								
			(947 262 1309)								
3	ULT21.04135	947 990 0882		1	THRUST WASHER	OLD TYPE		×			
4	ULT21.03304	947 260 6361		1	PLANETARY CARRIER	EMPTY	×	×			
5	ULT21.03304.	947 260 6361		kit	PLANETARY CARRIER	FULL	×	×			
6	ULT21.03303	947 260 0197	(947 260 0297)	1	PLANETARY GEAR SET		×	×			
			(947 260 0397)								
7	ULT21.06350	2106350		5	PLANETARY GEAR		×	×			
8	ULT21.06349	2106349		5	PLANETARY SHAFT		×	×			
9	ULT21.03816	000 981 4386	(000 981 4186)	125	NEEDLE ROLLER	4.995x39.60mm	×	×			
10	ULT21.04074	389 262 6462	(389 262 0162)	10	THRUST WASHER	35.35x43.90x1.00mm	×	×			
11		389 262 1362	(389 262 1162)	10	THRUST WASHER		×	×			
12	ULT21.03418	000914 006 109		5	THREADED PIN	5.90x13.90mm	×	×			
13		000472 130 000		1	RETAINING RING		×	×			
14	ULT21.03614	008 981 1325	(008 981 1525)	1	ROLLER BEARING	90.0x130.0x14.0mm	×	×			
15	ULT21.03471	947 262 2808	(947 262 2508)	1	ANNULUS 85T		×	×			
			(947 262 2408)								
16	ULT21.04076	389 262 0251		1	SPACER RING		×	×			
17	ULT21.03305	947 260 0736		1	FOLLOWER RING		×	×			
18	ULT21.03185	947 260 0945		2	SYNCHRONIZING CONE		×	×			
18	ULT21.06273	947 260 3045		2	SYNCHRONIZING CONE		×	×			
19	ULT21.03077	389 262 0293		2	SPRING		×	×			
20	ULT21.03079	389 262 4935	(389 262 2035)	1	GUIDE SLEEVE		×	×			
21	ULT21.03033	945 262 6923		1	ENGAGING SLEEVE		×	×			
22	ULT21.03431	947 265 0349	(389 265 2749)	2	SLIDING PAD		×	×			
23	ULT21.06324	947 265 1901	(947 265 1701)	1	SHIFTING FORK		×	×			
			(930 265 0001)								
			(389 265 0901)								
			(389 265 0201)								
24	ULT21.04254	000 992 7703	(389 267 2250)	1	BUSHING		×	×			
25	ULT21.03523	000 267 0197	(000 267 0397)	1	FLANGE PACKING		×	×			
26	ULT21.04178	387 267 0650		1	BUSHING		×	×			
27		930 267 0217		1	SHIFTING ROD	RETARDER	×	×			
27		945 267 2117	(945 267 2217)	1	SHIFTING ROD		×	×			
27		960 267 0617	(960 267 0017)	1	SHIFTING ROD		×	×			
28		930 267 0618	(960 267 0118)	1	PISTON		×	×			
29	ULT21.03525	024 997 8347	(020 997 6747)	1	SEAL RING		×	×			
			(014 997 3647)								
			(014 997 5147)								

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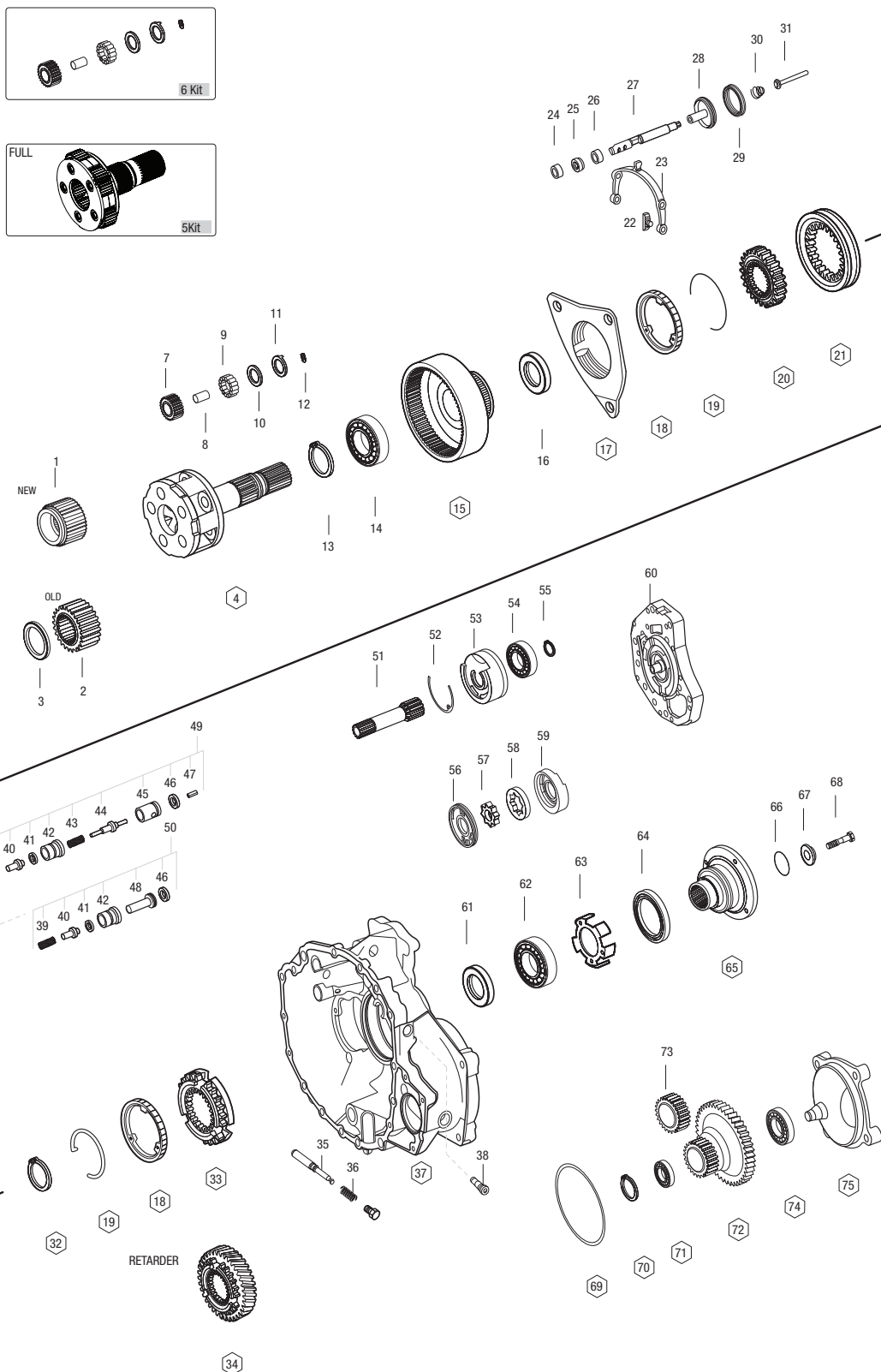
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Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes	X1	X2	X3	X4	
30	ULT21.04255	008 993 0801		1	SPRING		✕	✕			
31	ULT21.04257	000 543 5785		1	PIN		✕	✕			
32		000471 120 000		1	RETAINING RING		✕	✕			
33	ULT21.03306	947 262 0634		1	ENGAGING RING		✕	✕			
34	ULT21.03307	947 264 0420		1	ENGAGING RING	RETARDER	✕	✕			
35	ULT21.06004	945 267 0274	(389 267 0274)	1	PIN		✕	✕			
36	ULT21.06006	389 993 3401		1	SPRING		✕	✕			
37		947 260 1411		1	HOUSING		✕	✕			
37		960 260 3723		1	HOUSING		✕	✕			
38	ULT21.04307	960 265 0574	(945 265 1274)	2	SCREW		✕	✕			
39	ULT21.06016	389 993 5301		1	SPRING		✕	✕			
40	ULT21.06019	389 269 1026	(389 269 0926)	1	SELECTOR VALVE		✕	✕			
41	ULT21.04210	013 997 0148	(020 997 8348)	1	O-RING	13.30x2.40mm	✕	✕			
42	ULT21.06022	389 269 1444	(389 269 0744)	1	VALVE INSERT		✕	✕			
43		389 993 4401		1	SPRING	11.50x41.90x1.0mm	✕	✕			
44		389 269 0826		1	SELECTOR VALVE		✕	✕			
45		389 269 0844		1	BALL		✕	✕			
46	ULT21.04212	013 997 0048		1	O-RING	19.20x3.0mm	✕	✕			
47		001481 004 001		1	CLAMPING SLEEVE		✕	✕			
48	ULT21.06024	389 265 0176	(389 265 0076)	1	WASHER		✕	✕			
49		655 260 0157		1	VALVE KIT	OLD	✕	✕			
50		960 260 1057		1	VALVE KIT	NEW	✕	✕			
51	ULT21.03198	947 269 1010	(945 269 1010)	1	OIL PUMP SHAFT		✕	✕			
51	ULT21.03085	947 264 0005	(389 269 1210)	1	OIL PUMP SHAFT		✕	✕			
51	ULT21.06298	947 269 1110	(945 269 1110)	1	OIL PUMP SHAFT	RETARDER	✕	✕			
52	ULT21.04304.	389 262 6254		1	SPACER WASHER	0.70mm	✕	✕			
52	ULT21.04304	389 262 6254		1	SPACER WASHER	0.80mm	✕	✕			
52	ULT21.04303	389 262 5954		1	SPACER WASHER	0.90mm	✕	✕			
52	ULT21.04302	389 262 5754		1	SPACER WASHER	1.00mm	✕	✕			
52	ULT21.04301	389 262 5554		1	SPACER WASHER	1.10mm	✕	✕			
52	ULT21.04305	389 262 5354		1	SPACER WASHER	1.20mm	✕	✕			
53	ULT21.03475	389 260 0790		1	OIL PUMP		✕	✕			
54	ULT21.03613	004 981 8625		1	ROLLER BEARING	45x75x16mm	✕	✕			
55		000471 045 000		1	RETAINING RING		✕	✕			
56	ULT21.03412	945 269 0201		1	OIL PUMP COVER		✕	✕			
56	ULT21.03558	947 264 0287		1	OIL PUMP COVER	PTO	✕	✕			
57	ULT21.03413	389 269 1506	(389 269 1406)	1	OIL PUMP GEAR		✕	✕			
58	ULT21.03414	389 269 1206	(389 269 0706)	1	ROTOR		✕	✕			
59	ULT21.03478	947 269 1001	(947 269 0501)	1	OIL PUMP COVER		✕	✕			
60	ULT21.03566	945 261 1033		1	COVER		✕	✕			
61	ULT21.04136	947 262 4052		1	SPACER WASHER		✕	✕			

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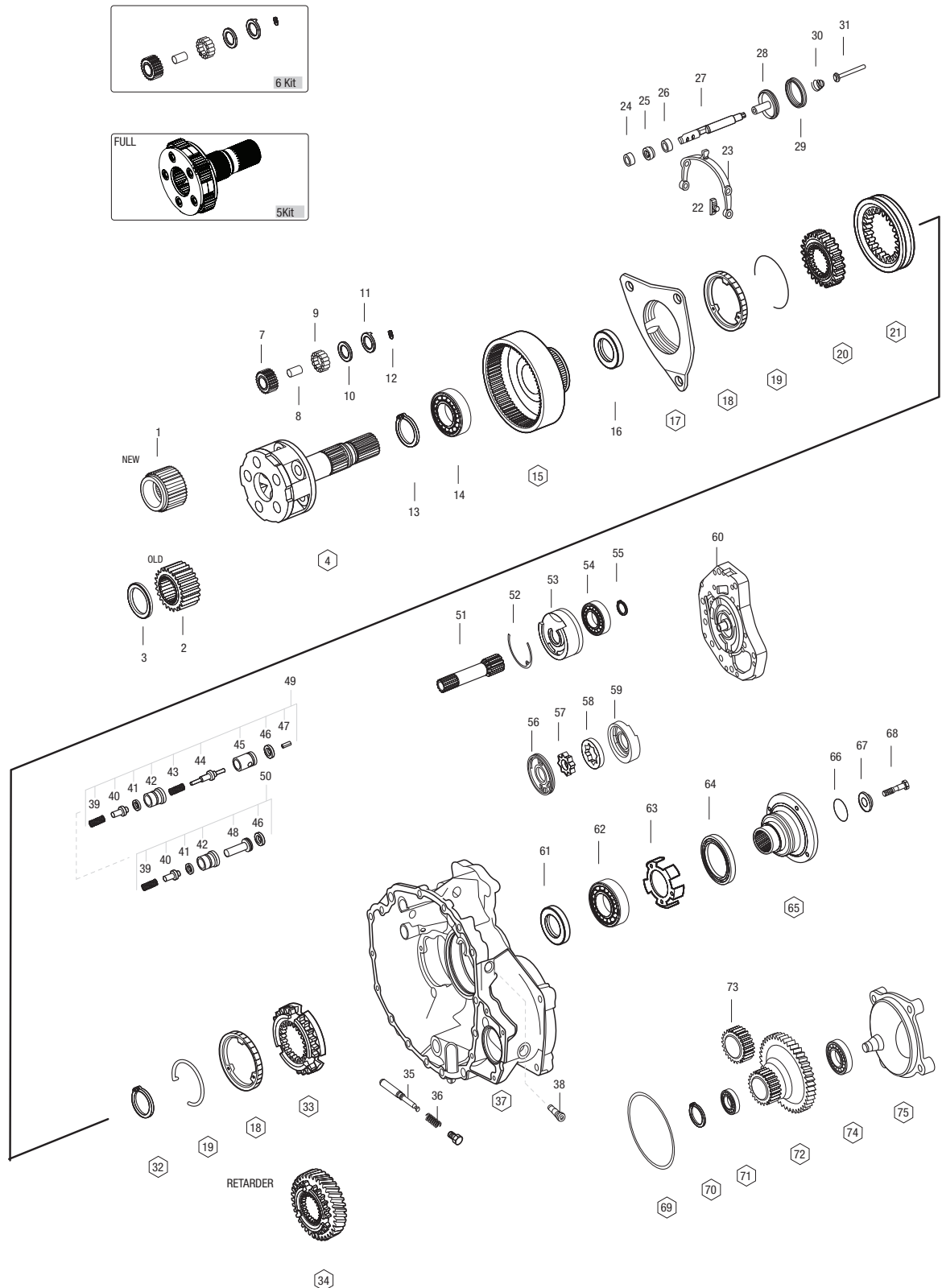
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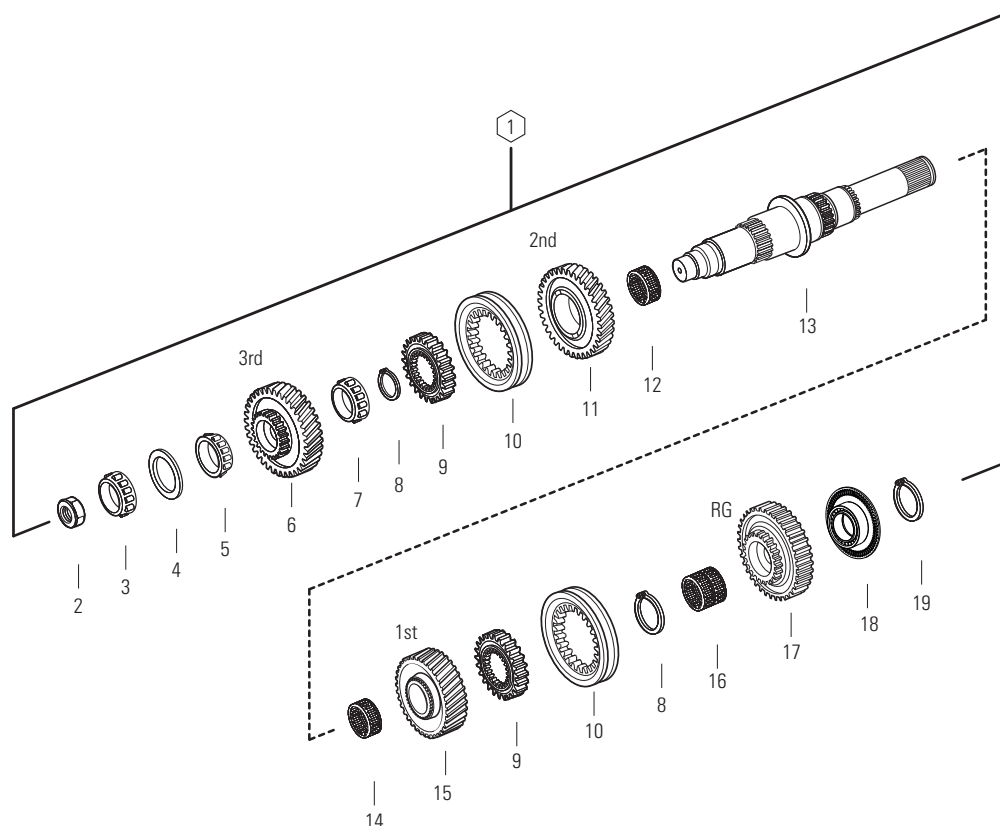


Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.06367	2106367		Kit	MAIN SHAFT COMPLETE	
2	ULT21.03432	945 990 0250		1	NUT	
3	ULT21.03632	017 981 1305	(015 981 8505)	1	ROLLER BEARING	
4	ULT21.04025	389 262 3252		1	THRUST WASHER	2.00 mm
5	ULT21.03629	015 981 7605	(015 981 2005)	1	ROLLER BEARING	50.0X41.0mm
6	ULT21.03465	947 262 0117	(947 262 0617)	1	GEAR 3rd 34 T	
7	ULT21.03636	017 981 8305		1	ROLLER BEARING	52.0X24.0mm
8		387 262 7673		2	RETAINING RING	2.70 mm
9	ULT21.03280	947 262 1635	(947 262 1435)	2	GUIDE SLEEVE	
10	ULT21.03282	947 262 1123	(947 262 2223)	2	ENGAGING SLEEVE	
11	ULT21.06317	947 262 2412	(947 262 2012)	1	GEAR 2nd 38 T	
12	ULT21.03817	019 981 4410	(019 981 0910)	1	NEEDLE CAGE	75.0X83.0X55.0mm
13	ULT21.03467	947 262 2505	(947 262 2405)	1	MAIN SHAFT	
			(947 262 1705)			
14	ULT21.03827	004 981 1018	(021 981 5710)	1	NEEDLE CAGE	75.0X83.0X33.0mm
15	ULT21.03468	947 262 5310	(947 262 5110)	1	GEAR 1st 41 T	
16	ULT21.03828	022 981 2310	(022 981 2210)	1	NEEDLE CAGE	64X72X44.6mm
17	ULT21.03470	947 262 1933	(947 262 2533)	1	REVERSE GEAR 41 T	
18	ULT21.03857	002 980 9502		1	ROLLER BEARING	
19	ULT21.04331	007 994 1841		1	RETAINING RING	
20		001 990 2759		1	OIL PIPE	

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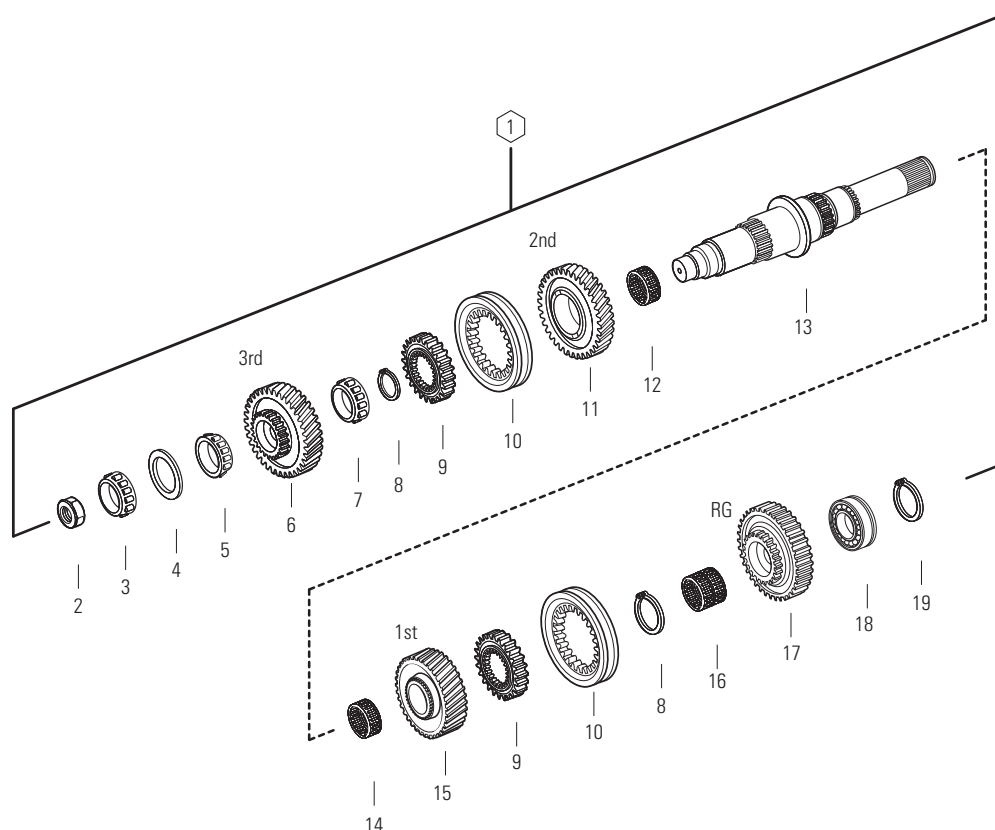


Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.06375	2106375		Kit	MAIN SHAFT COMPLETE	
2	ULT21.03432	945 990 0250		1	NUT	
3	ULT21.03632	017 981 1305	(015 981 8505)	1	ROLLER BEARING	
4	ULT21.04025	389 262 3252		1	THRUST WASHER	2.00 mm
5	ULT21.03629	015 981 7605	(015 981 2005)	1	ROLLER BEARING	50.0X41.0mm
6	ULT21.03465	947 262 0117	(947 262 0617)	1	GEAR 3rd 34 T	
7	ULT21.03636	017 981 8305		1	ROLLER BEARING	52.0X24.0mm
8		387 262 7673		2	RETAINING RING	2.70 mm
9	ULT21.03281	947 262 1635	(947 262 1435)	2	GUIDE SLEEVE	
10	ULT21.03282	947 262 1123	(947 262 2223)	2	ENGAGING SLEEVE	
11	ULT21.06317	947 262 2412	(947 262 2012)	1	GEAR 2nd 38 T	
12	ULT21.03817	019 981 4410	(019 981 0910)	1	NEEDLE CAGE	75.0X83.0X55.0mm
13	ULT21.03467	947 262 2505	(947 262 2405)	1	MAIN SHAFT	
			(947 262 1705)			
14	ULT21.03827	004 981 1018	(021 981 5710)	1	NEEDLE CAGE	75.0X83.0X33.0mm
15	ULT21.03468	947 262 5310	(947 262 5110)	1	GEAR 1st 41 T	
16	ULT21.03828	022 981 2310	(022 981 2210)	1	NEEDLE CAGE	64X72X44.6mm
17	ULT21.03470	947 262 1933	(947 262 2533)	1	REVERSE GEAR 41 T	
18	ULT21.03856	018 981 5705		1	ROLLER BEARING	
19	ULT21.04331	007 994 1841		1	RETAINING RING	
20		001 990 2759		1	OIL PIPE	

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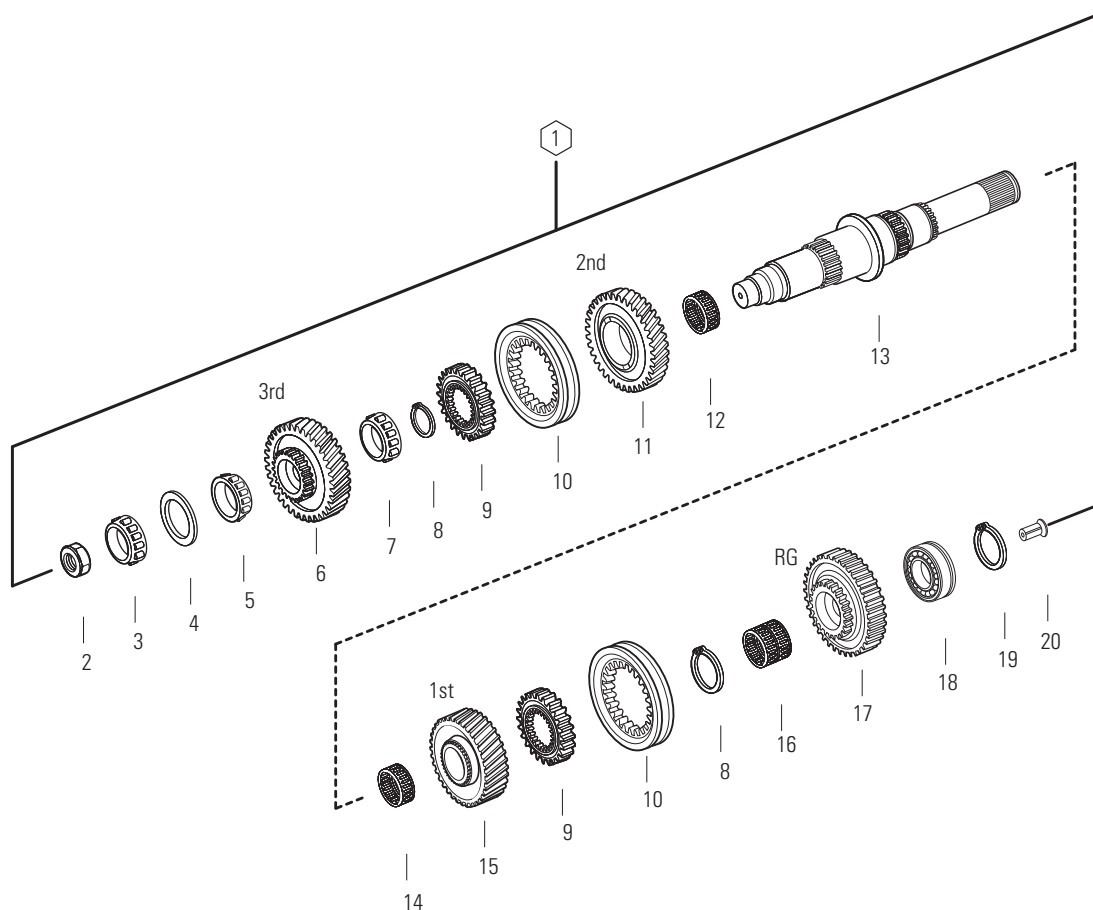


Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.06376	2106376		Kit	MAIN SHAFT COMPLETE	
2	ULT21.03432	945 990 0250		1	NUT	
3	ULT21.03632	017 981 1305	(015 981 8505)	1	ROLLER BEARING	
4	ULT21.04025	389 262 3252		1	THRUST WASHER	2.00 mm
5	ULT21.03629	015 981 7605	(015 981 2005)	1	ROLLER BEARING	50.0X41.0mm
6	ULT21.06392	947 262 1510		1	GEAR 3rd 34 T	
7	ULT21.03631	015 981 7705		1	ROLLER BEARING	55.0X90.0X23.0mm
8		387 262 7673		2	RETAINING RING	2.70 mm
9	ULT21.03280	947 262 1635	(947 262 1435)	2	GUIDE SLEEVE	
10	ULT21.03282	947 262 1123	(947 262 2223)	2	ENGAGING SLEEVE	
11	ULT21.03466	947 262 2012	(947 262 1012)	1	GEAR 2nd 38 T	
12	ULT21.03817	019 981 0910	(019 981 4410)	1	NEEDLE CAGE	75.0X83.0X55.0mm
13	ULT21.03288	947 262 1505		1	MAIN SHAFT	
14	ULT21.03827	004 981 1018	(021 981 5710)	1	NEEDLE CAGE	75.0X83.0X33.0mm
15	ULT21.03468	947 262 5310	(947 262 5110)	1	GEAR 1st 41 T	
16	ULT21.03842	023 981 3010		1	NEEDLE CAGE	
17	ULT21.03290	947 262 1633	(947 262 1533)	1	REVERSE GEAR 41 T	
18		016 981 4405	(002 981 7981)	1	ROLLER BEARING	
19	ULT21.04331	007 994 1841		1	RETAINING RING	
20		001 990 2759		1	OIL PIPE	

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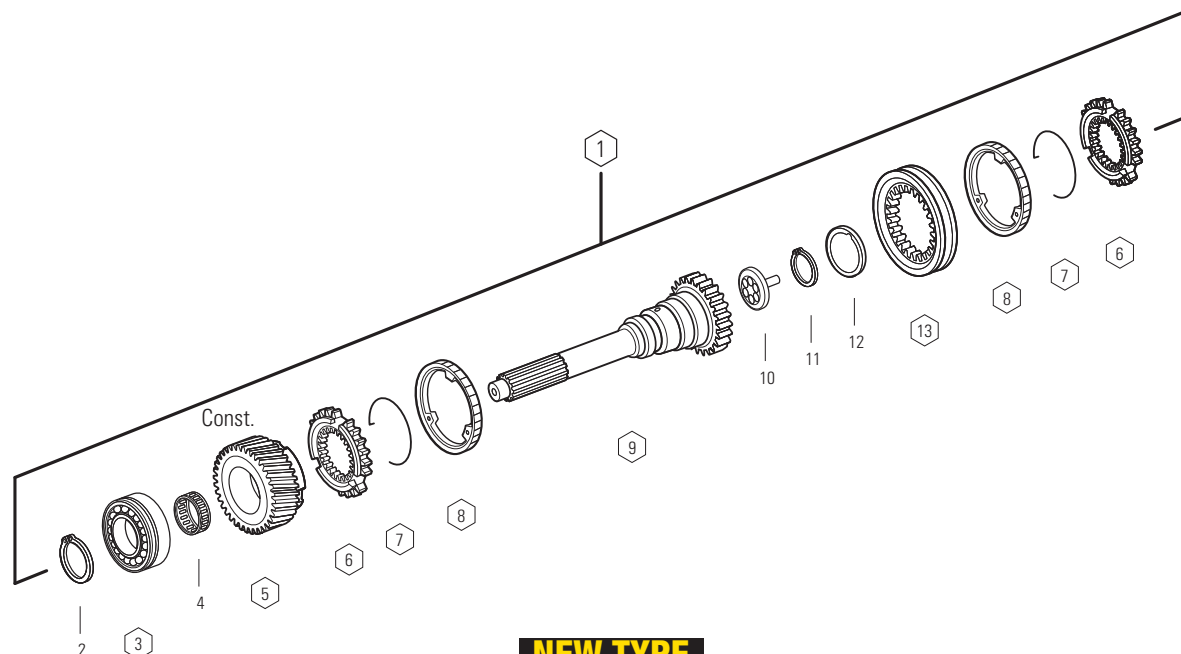
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Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.03570	2103570		Kit	INPUT SHAFT COMPLETE	
2		387 262 8773		1	RETAINING RING	3.20 mm
3	ULT21.03618	014 981 9005	(011 981 1305)	1	ROLLER BEARING	
4	ULT21.03826	022 981 2110	(022 981 2010)	1	NEEDLE CAGE	84X90X48mm
5	ULT21.03268	947 262 5210	(947 262 7310)	1	CONSTANT GEAR 29 T	
6	ULT21.03147	945 262 7734	(945 262 3634)	2	ENGAGING RING	
7	ULT21.03044	387 262 1093		2	SPRING	
8	ULT21.03136	945 260 2245	(947 260 0545)	2	SYNCHRONIZING CONE	179.0mm
9	ULT21.03275	947 262 3902	(947 262 5002)	1	INPUT SHAFT	
10	ULT21.04001	976 269 0034		1	OIL PIPET	
11	ULT21.04002	000 994 9841		1	RETAINING RING	
12	ULT21.03513	000 262 9062	(000 262 8662)	1	OIL SEAL	
13	ULT21.03137	945 262 6823	(945 262 6423)	1	ENGAGING SLEEVE	

OLD TYPE

Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.06377	2106377		Kit	INPUT SHAFT COMPLETE	
2		387 262 8773		1	RETAINING RING	3.20 mm
3	ULT21.03618	014 981 9005	(011 981 1305)	1	ROLLER BEARING	
4	ULT21.03826	022 981 2110	(022 981 2010)	1	NEEDLE CAGE	84X90X48mm
5	ULT21.03268	947 262 5210	(947 262 7310)	1	CONSTANT GEAR 29 T	
6	ULT21.03147	945 262 7734	(945 262 3634)	2	ENGAGING RING	
7	ULT21.03044	387 262 1093		2	SPRING	
8	ULT21.03136	945 260 2245	(947 260 0545)	2	SYNCHRONIZING CONE	179.0mm
9	ULT21.03274	947 262 3502		1	INPUT SHAFT	
10	ULT21.04001	976 269 0034		1	OIL PIPET	
11	ULT21.04002	000 994 9841		1	RETAINING RING	
12	ULT21.03513	000 262 9062	(000 262 8662)	1	OIL SEAL	
13	ULT21.03137	945 262 6823	(945 262 6423)	1	ENGAGING SLEEVE	

DETROIT DT12-DB

G211-12KL

Input Shaft Complete

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DETROIT DT12-DA

G281-12KL

DETROIT DT12-OA

G330-12KL

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Counter Shaft
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DETROIT DT12-0A
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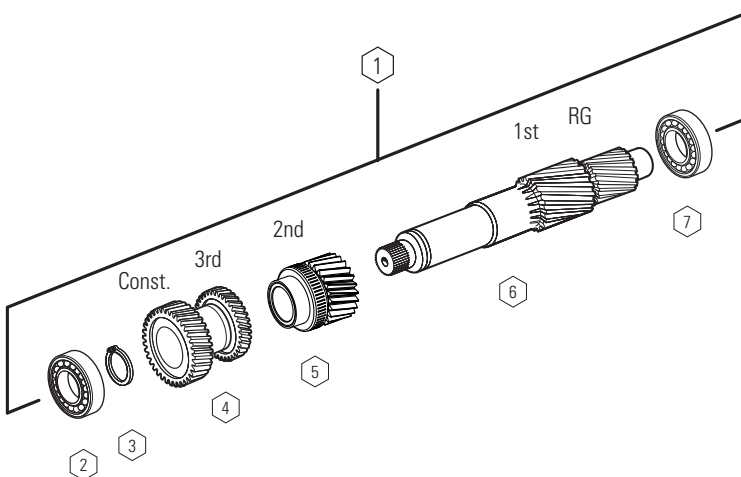


Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.03594	947 260 2624		Kit	COUNTER SHAFT COMPLETE	
2	ULT21.03606	015 981 9005	(014 981 1405)	1	ROLLER BEARING	
3	ULT21.06426	90005 506 0300		1	RETAINING RING	
4	ULT21.03297	947 263 2910		1	DOUBLE GEAR	
5	ULT21.06393	947 260 3519		1	GEAR 2nd 23 T (with speed sensor)	
6	ULT21.03302	947 263 2402		1	COUNTER SHAFT	
7	ULT21.03665	019 981 6105		1	ROLLER BEARING	

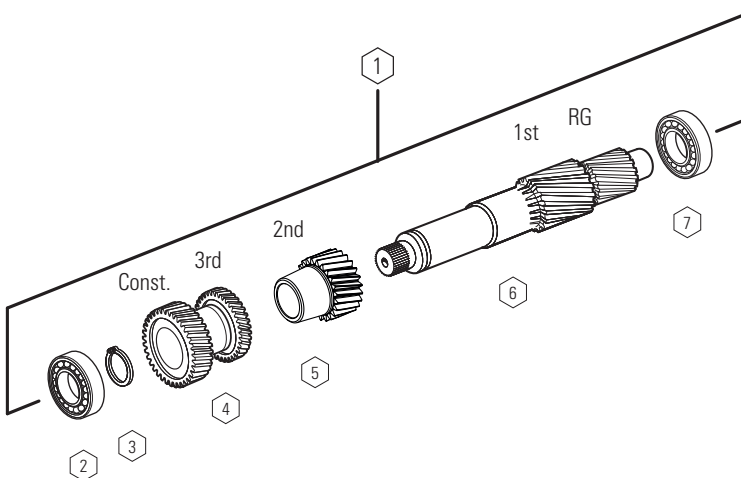


Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.06421	2106421		Kit	COUNTER SHAFT COMPLETE	
2	ULT21.03606	015 981 9005	(014 981 1405)	1	ROLLER BEARING	
3	ULT21.06426	90005 506 0300		1	RETAINING RING	
4	ULT21.03297	947 263 2910		1	DOUBLE GEAR	
5	ULT21.03298	947 263 0512	(947 263 0312)	1	GEAR 2nd 23 T (W/Out Speed Sensor)	
6	ULT21.03302	947 263 2402		1	COUNTER SHAFT	
7	ULT21.03665	019 981 6105		1	ROLLER BEARING	

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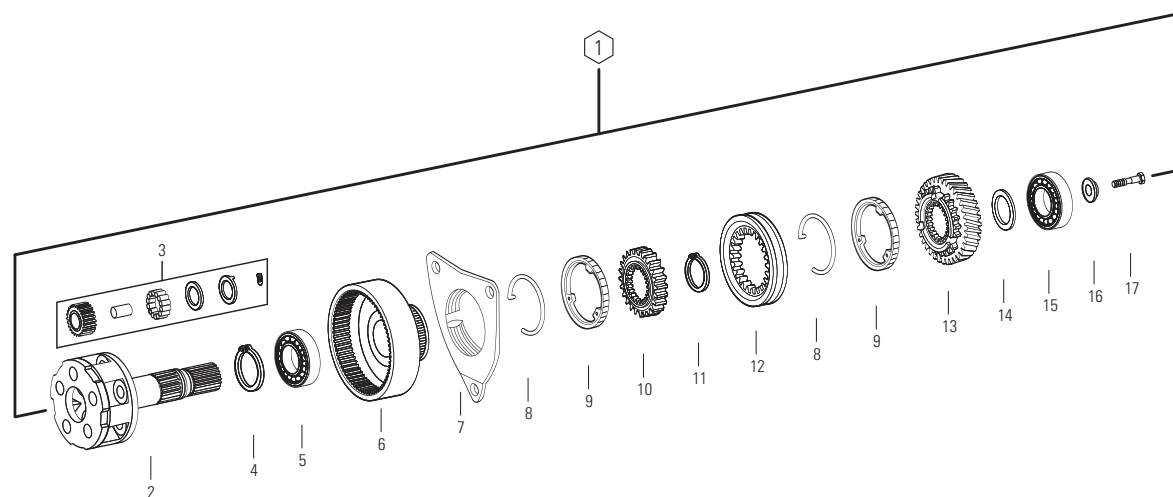


Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.06391	2106391		Kit	PLANETARY CARRIER COMPLETE	
2	ULT21.03304	947 260 6361		1	PLANETARY CARRIER EMPTY	
3	ULT21.03303	947 260 0197		1	PLANETARY GEAR SET	
4		000472 130 000		1	RETAINING RING	
5	ULT21.03614	008 981 1325		1	ROLLER BEARING	90X130X14mm
6	ULT21.03471	947 262 2808	(947 262 2508)	1	ANNULUS 85 T	
7	ULT21.03305	947 260 0736		1	FOLLOWER RING	
8	ULT21.03077	389 262 0293		2	SPRING	
9	ULT21.03185	947 260 0945		2	SYNCHRONIZING CONE	
10	ULT21.03079	389 262 4935	(389 262 2035)	1	GUIDE SLEEVE	
11		000471 120 000		1	RETAINING RING	
12	ULT21.03033	945 262 6923		1	ENGAGING SLEEVE	
13	ULT21.03307	947 264 0420		1	ENGAGING RING	RETARDER
14	ULT21.04136	947 262 4052		1	SPACER WASHER	
15	ULT21.03639	009 981 3625	(009 981 3525)	1	ROLLER BEARING	
16		947 262 0862		1	THRUST WASHER	
17	ULT21.06280	000000 005 728		1	SCREW	M20X1.50X80.0mm

DETROIT DT12-DB**G211-12KL**

Planetary Carrier Complete

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DETROIT DT12-OB**G230-12KL**

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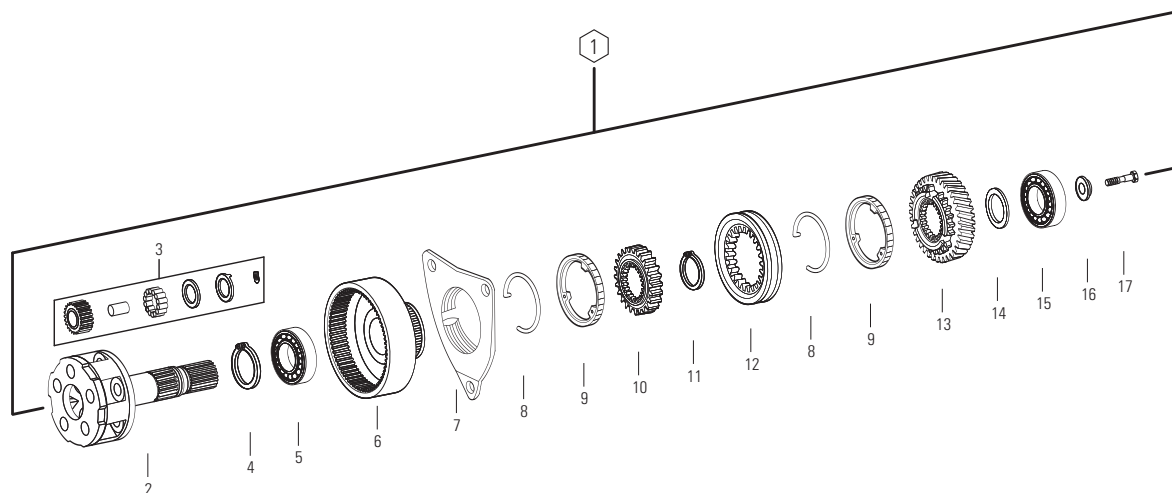
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Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.03569	2103569		Kit	PLANETARY CARRIER COMPLETE	
2	ULT21.03304	947 260 6361		1	PLANETARY CARRIER EMPTY	
3	ULT21.03303	947 260 0197		1	PLANETARY GEAR SET	
4		000472 130 000		1	RETAINING RING	
5	ULT21.03614	008 981 1325		1	ROLLER BEARING	90X130X14mm
6	ULT21.03471	947 262 2808	(947 262 2508)	1	ANNULUS 85 T	
7	ULT21.03305	947 260 0736		1	FOLLOWER RING	
8	ULT21.03077	389 262 0293		2	SPRING	
9	ULT21.03185	947 260 0945		2	SYNCHRONIZING CONE	
10	ULT21.03079	389 262 4935	(389 262 2035)	1	GUIDE SLEEVE	
11		000471 120 000		1	RETAINING RING	
12	ULT21.03033	945 262 6923		1	ENGAGING SLEEVE	
13	ULT21.03306	947 262 0634		1	ENGAGING RING	
14	ULT21.04136	947 262 4052		1	SPACER WASHER	
15	ULT21.03639	009 981 3625	(009 981 3525)	1	ROLLER BEARING	
16		947 262 0862		1	THRUST WASHER	
17	ULT21.06280	000000 005 728		1	SCREW	M20X1.50X80.0mm

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DETROIT DT12-0A G330-12KL

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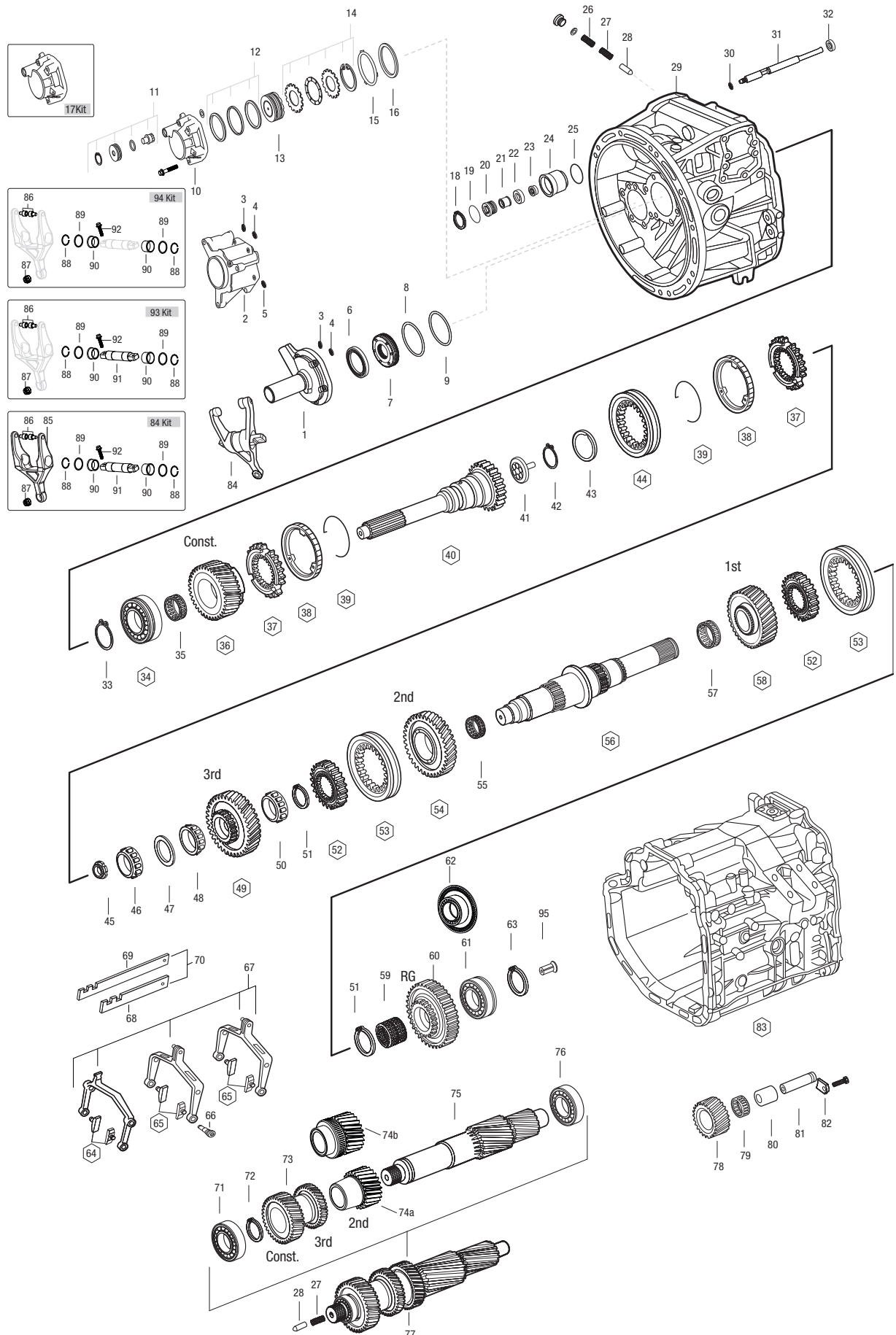
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							G230-12KL				Gearbox
Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes	X1	X2	X3	X4	
1	ULT21.03462	947 261 0818	(947 261 0618)	1	COVER		×	×			
2		960 261 0018		1	COVER				×		
3		019 997 8348		1	O-RING	14.0x4.0mm	×	×	×		
4		015 997 4048		1	O-RING	5.0x3.0mm	×	×	×		
5		023 997 7748		1	O-RING	13.1x2.0mm	×	×	×		
6	ULT21.03509	023 997 7847	(019 997 0647)	1	OIL SEAL	56.0X72.0X8.0mm	×	×	×		
7	ULT21.06038	389 261 0665	(389 261 0765)	1	OIL BAFFLE		×	×	×		
			(389 261 0865)								
8		020 997 7848		1	O-RING	138.0x3.0mm	×	×	×		
9	ULT21.04162	389 262 4152	(389 262 0955)	1	SHIM	0.10mm	×	×	×		
9	ULT21.04151	389 262 3055		1	SHIM	0.20mm	×	×	×		
9	ULT21.04151	389 262 3055		1	SHIM	0.25mm	×	×	×		
9	ULT21.04163	389 262 4452	(389 262 3555)	1	SHIM	0.40mm	×	×	×		
9	ULT21.04250	389 262 4055		1	SHIM	0.55mm	×	×	×		
10	ULT21.06301	960 261 1933	(960 260 4265)	1	COVER		×	×			
10		960 261 0033		1	COVER		×	×			
10		960 260 4865		1	COVER				×		
11		930 260 0058		1	REPAIR KIT		×	×	×		
12	ULT21.06396	947 260 0718		1	REPAIR KIT		×	×			
12		960 260 3318		1	REPAIR KIT				×		
13	ULT21.06302	960 260 1718		1	PISTON		×	×			
13		960 260 2518		1	PISTON				×		
14	ULT21.06431	960 262 0191	(960 262 0091)	1	PARTS KIT		×	×	×		
			(947 260 4036)								
15		028 997 2348		1	O-RING	100.0X3.0mm	×	×	×		
16	ULT21.04192	406 337 0252		1	SHIM	0.10mm	×	×	×		
16	ULT21.04150	406 337 0352		1	SHIM	0.20mm	×	×	×		
16	ULT21.04150	406 337 0352		1	SHIM	0.25mm	×	×	×		
16	ULT21.04196	389 263 5352		1	SHIM	0.40mm	×	×	×		
16	ULT21.04197	389 263 5852		1	SHIM	0.55mm	×	×	×		
16	ULT21.04198	389 263 6352		1	SHIM	0.70mm	×	×	×		
16	ULT21.04199	389 263 6852		1	SHIM	0.85mm	×	×	×		
16	ULT21.04200	389 263 7352		1	SHIM	1.00mm	×	×	×		
16	ULT21.04201	389 263 7852		1	SHIM	1.15mm	×	×	×		
16	ULT21.04202	389 263 8352		1	SHIM	1.30mm	×	×	×		
17	ULT21.06487	2106487		1	REPAIR KIT		×	×			
18		006 994 4241		1	RETAINING RING		×	×	×		
19	ULT21.04233	389 262 2555		1	SPACER WASHER	0.70mm	×	×	×		
19	ULT21.04234	389 262 2655		1	SPACER WASHER	0.90mm	×	×	×		
19	ULT21.04112	389 262 3254		1	SPACER WASHER	1.05mm	×	×	×		
19	ULT21.04111	389 262 3354		1	SPACER WASHER	1.10mm	×	×	×		

X1, X2, X3, X4
are used in
conjunction with the
encoded parts.

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G211-12KL

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DETROIT DT12-0A
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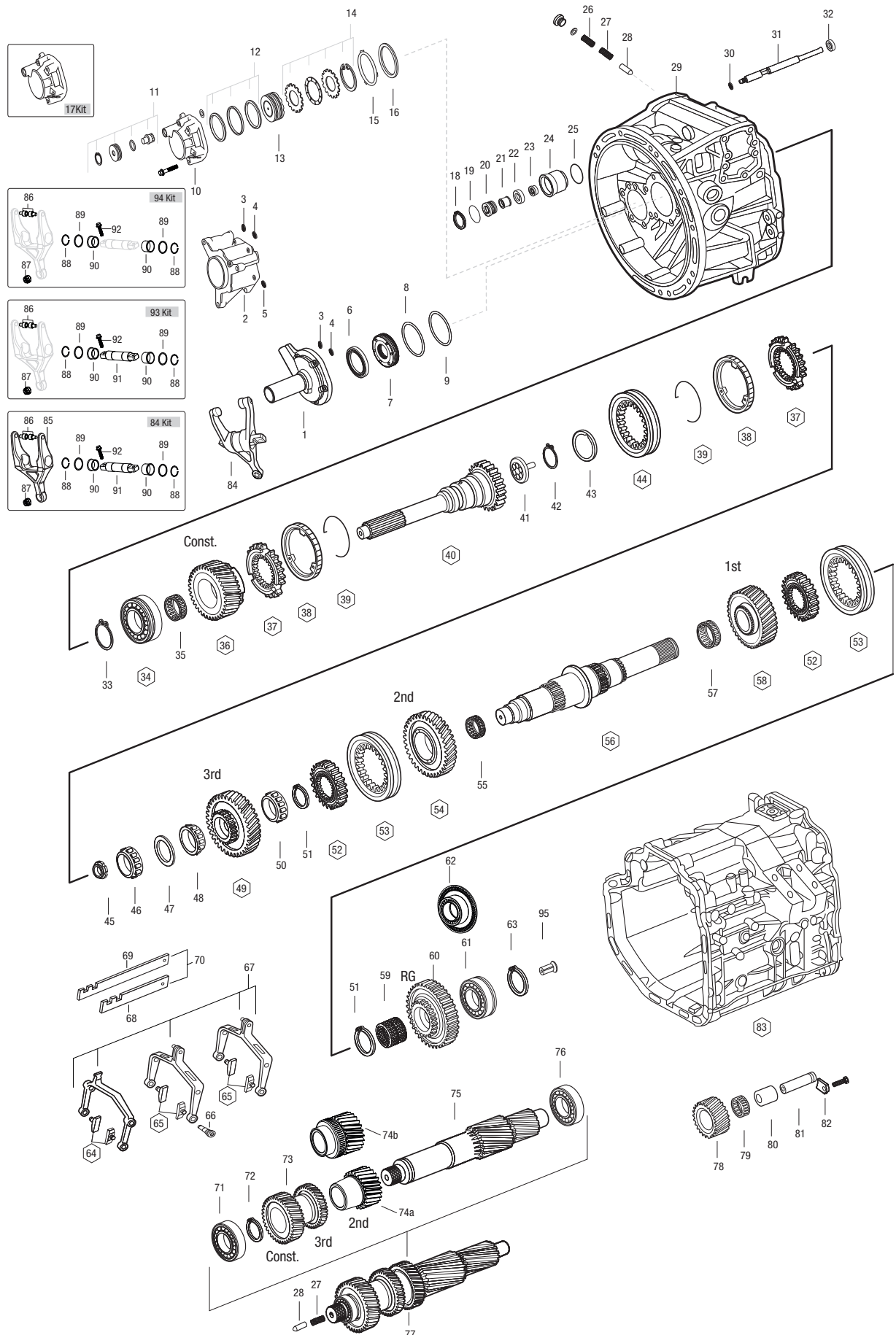
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							G230-12KL				Gearbox
Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes	X1	X2	X3	X4	
19	ULT21.04109	389 262 3554		1	SPACER WASHER	1.20mm	×	×	×		
19	ULT21.04105	389 262 2052		1	SPACER WASHER	1.40mm	×	×	×		
19	ULT21.04093	389 262 2355		1	SPACER WASHER	1.80mm	×	×	×		
19	ULT21.04025	389 262 3252		1	SPACER WASHER	2.00mm	×	×	×		
19	ULT21.04024	389 262 3352		1	SPACER WASHER	2.50mm	×	×	×		
20		945 267 0218	(387 267 0918)	1	PISTON		×	×	×		
21	ULT21.03524	012 997 3347	(006 997 6447)	1	DOUBLE PACKING		×	×	×		
			(020 997 6647)								
22	ULT21.04178	387 267 0650		1	BUSHING	34.0x22.0x8mm	×	×	×		
23	ULT21.03523	000 267 0197	(000 267 0397)	1	FLANGE PACKING	22.0x32.0x8.0mm	×	×	×		
24	ULT21.06036	945 267 0819	(945 267 0119)	1	CYLINDER		×	×	×		
			(945 267 0719)								
			(945 267 0019)								
25		022 997 4248		1	O-RING	55.60x3.0mm	×	×	×		
26	ULT21.06015	387 993 4501		1	SPRING	34.0x22.0x8mm	×	×	×		
27	ULT21.03500	387 993 4401		2	SPRING	22.0x32.0x8mm	×	×	×		
28	ULT21.03492	389 267 1174		2	PIN		×	×	×		
29		947 260 6211		1	HOUSING		×	×			
29		960 260 6723		1	HOUSING	NEW				×	
30	ULT21.04160	387 263 2652		1	SPACER WASHER	0.20mm	×	×	×		
30	ULT21.04160	387 263 2752		1	SPACER WASHER	0.40mm	×	×	×		
30	ULT21.04176	387 263 2852		1	SPACER WASHER	0.60mm	×	×	×		
30	ULT21.04177	387 263 3052		1	SPACER WASHER	1.00mm	×	×	×		
31		960 267 1917		1	G SHIFT RAIL		×	×	×		
32		004 992 6601		1	BUSHING		×	×	×		
33		387 262 8773		1	RETAINING RING	3.20mm	×	×	×		
33		387 262 8973		1	RETAINING RING	3.30mm	×	×	×		
33		387 262 9173		1	RETAINING RING	3.40mm	×	×	×		
33		387 262 9373		1	RETAINING RING	3.50mm	×	×	×		
34	ULT21.03618	014 981 9005	(011 981 1305)	1	ROLLER BEARING	75x140x34.30mm	×	×	×		
35	ULT21.03826	022 981 2110	(022 981 2010)	1	NEEDLE CAGE	84x90x48mm	×	×	×		
36	ULT21.06332	947 262 3510	(948 262 0210)	1	CONSTANT GEAR		×	×	×		
37	ULT21.03147	945 262 7734	(945 262 3634)	2	ENGAGING RING		×	×	×		
38	ULT21.03136	945 260 2245	(947 260 0545)	2	SYNCHRONIZING CONE	179.0mm	×	×	×		
			(945 262 6337)								
38	ULT21.06274	947 260 2845		2	SYNCHRONIZING CON	179.0mm	×	×	×		
39	ULT21.03044	387 262 1093		2	SPRING		×	×	×		
40	ULT21.03275	947 262 3902	(947 262 5002)	1	INPUT SHAFT		×	×	×		
			(948 262 0002)								
			(947 262 3202)								
			(947 262 3102)								

X1, X2, X3, X4
are used in
conjunction with the
encoded parts.

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DETROIT DT12-DA G281-12KL

DETROIT DT12-0A G330-12KL

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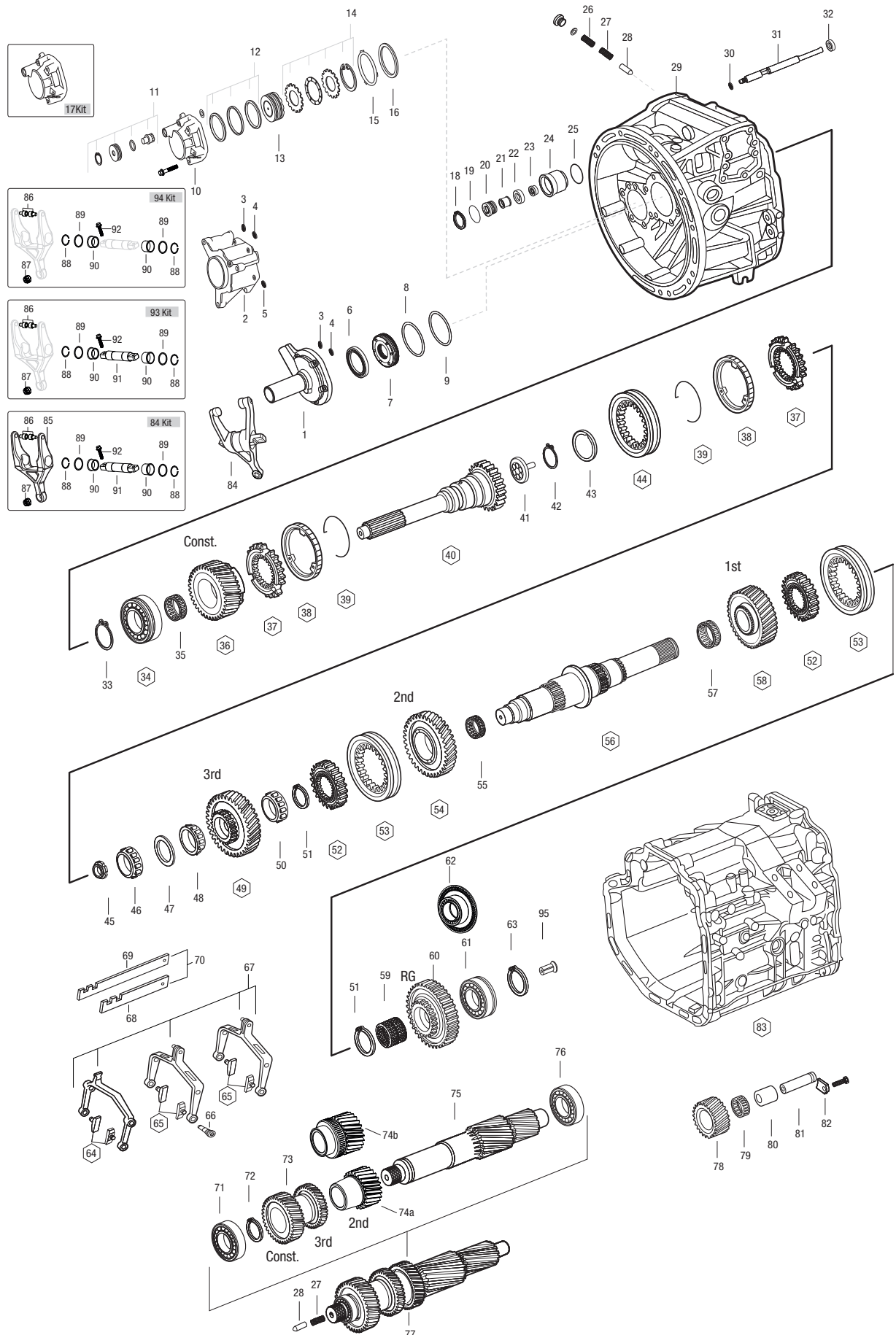
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Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes	X1	X2	X3	X4	
40	ULT21.03275	947 262 3902	(947 262 2602)	1	INPUT SHAFT		×	×	×		
41	ULT21.04001	976 269 0034		1	OIL PIPET		×	×	×		
42	ULT21.04002	000 994 9841		1	RETANING RING		×	×	×		
43	ULT21.03513	000 262 9062	(000 262 8662)	1	OIL SEAL	73.50x101.0x7.0mm	×	×	×		
44	ULT21.03137	945 262 6823	(945 262 6423)	1	ENGAGING SLEEVE		×	×	×		
45	ULT21.03432	945 990 0250		1	NUT	LEFT	×	×	×		
46	ULT21.03632	017 981 1305	(020 981 5205)	1	ROLLER BEARING	39.69x40.39mm	×	×	×		
47	ULT21.04024	389 262 3352		1	THRUST WASHER	2.50mm	×	×	×		
47	ULT21.04025	389 262 3252		1	THRUST WASHER	2.00mm	×	×	×		
47	ULT21.04026	389 262 3152		1	THRUST WASHER	1.95mm	×	×	×		
47	ULT21.04027	389 262 3052		1	THRUST WASHER	1.90mm	×	×	×		
47	ULT21.04028	389 262 2952		1	THRUST WASHER	1.85mm	×	×	×		
47	ULT21.04092	389 262 2455		1	THRUST WASHER	1.82mm	×	×	×		
47	ULT21.04093	389 262 2355		1	THRUST WASHER	1.79mm	×	×	×		
47	ULT21.04094	389 262 2255		1	THRUST WASHER	1.76mm	×	×	×		
47	ULT21.04095	389 262 2155		1	THRUST WASHER	1.73mm	×	×	×		
47	ULT21.04096	389 262 2055		1	THRUST WASHER	1.67mm	×	×	×		
47	ULT21.04097	389 262 1955		1	THRUST WASHER	1.64mm	×	×	×		
47	ULT21.04098	389 262 1855		1	THRUST WASHER	1.61mm	×	×	×		
47	ULT21.04099	389 262 1755		1	THRUST WASHER	1.58mm	×	×	×		
47	ULT21.04100	389 262 2352		1	THRUST WASHER	1.55mm	×	×	×		
47	ULT21.04101	389 262 1655		1	THRUST WASHER	1.52mm	×	×	×		
47	ULT21.04102	389 262 1555		1	THRUST WASHER	1.49mm	×	×	×		
47	ULT21.04103	389 262 1455		1	THRUST WASHER	1.46mm	×	×	×		
47	ULT21.04104	389 262 1355		1	THRUST WASHER	1.43mm	×	×	×		
47	ULT21.04105	389 262 2052		1	THRUST WASHER	1.40mm	×	×	×		
47	ULT21.04106	389 262 1952		1	THRUST WASHER	1.35mm	×	×	×		
47	ULT21.04107	389 262 2754		1	THRUST WASHER	1.30mm	×	×	×		
47	ULT21.04108	389 262 3654		1	THRUST WASHER	1.25mm	×	×	×		
47	ULT21.04109	389 262 3554		1	THRUST WASHER	1.20mm	×	×	×		
47	ULT21.04110	389 262 3454		1	THRUST WASHER	1.15mm	×	×	×		
47	ULT21.04111	389 262 3354		1	THRUST WASHER	1.10mm	×	×	×		
47	ULT21.04112	389 262 3254		1	THRUST WASHER	1.05mm	×	×	×		
47	ULT21.04113	389 262 2854		1	THRUST WASHER	0.50mm	×	×	×		
47	ULT21.04113	389 262 2854		1	THRUST WASHER	0.30mm	×	×	×		
47	ULT21.04113	389 262 2854		1	THRUST WASHER	0.25mm	×	×	×		
47	ULT21.04113	389 262 2854		1	THRUST WASHER	0.20mm	×	×	×		
47	ULT21.04113	389 262 2854		1	THRUST WASHER	0.10mm	×	×	×		
48	ULT21.03629	015 981 7605	(015 981 2005)	1	ROLLER BEARING	50x41mm	×	×	×		
49	ULT21.03465	947 262 0117	(947 262 0617)	1	GEAR 3rd 34 T		×	×	×		
			(948 262 0410)								

X1, X2, X3, X4
are used in
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encoded parts.

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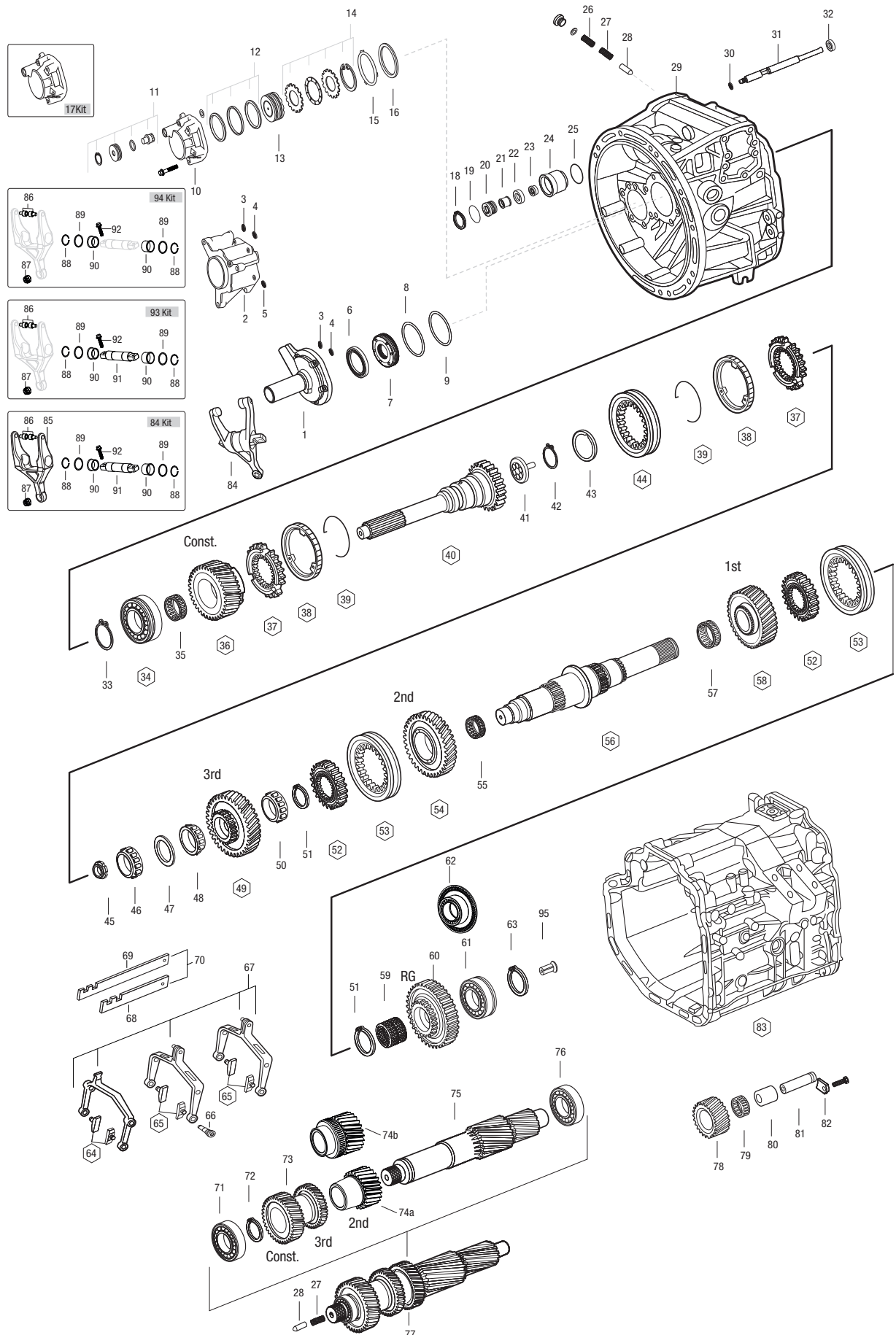
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							G230-12KL				Gearbox
Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes	X1	X2	X3	X4	
50	ULT21.03636	017 981 8305		1	ROLLER BEARING	52x24mm	×	×	×		
51		387 262 0873		2	RETAINING RING	2.60mm	×	×	×		
51		387 262 0973		2	RETAINING RING	2.65mm	×	×	×		
51		387 262 7673		2	RETAINING RING	2.70mm	×	×	×		
51		387 262 7873		2	RETAINING RING	2.80mm	×	×	×		
52	ULT21.03280	947 262 1435	(947 262 1635)	2	GUIDE SLEEVE		×	×	×		
			(947 262 2635)								
			(947 262 1335)								
53	ULT21.03282	947 262 2223	(947 262 1423)	2	ENGAGING SLEEVE		×	×	×		
			(947 262 1123)								
			(947 262 0423)								
54	ULT21.03466	947 262 2412	(947 262 2712)	1	GEAR 2nd 38 T		×	×	×		
			(947 262 2812)								
			(948 262 0012)								
			(948 262 0812)								
			(947 262 2012)								
			(947 262 1012)								
			(947 262 0912)								
			(947 262 0812)								
55	ULT21.03817	019 981 0910	(019 981 4410)	1	NEEDLE CAGE	75x83x55mm	×	×	×		
			(004 981 1118)								
			(017 981 0210)								
			(012 981 9210)								
			(008 981 8310)								
56	ULT21.03467	947 262 2505	(947 262 2405)	1	MAIN SHAFT		×	×	×		
			(947 262 2305)								
			(947 262 1705)								
			(948 262 0005)								
57	ULT21.03827	004 981 1018	(021 981 5710)	1	NEEDLE CAGE	75x83x33mm	×	×	×		
			(013 981 1210)								
58	ULT21.03468	948 262 0610	(947 262 5310)	1	GEAR 1st 41 T		×	×	×		
			(947 262 5110)								
59	ULT21.03828	022 981 2310	(022 981 2210)	1	NEEDLE CAGE	64x72x44.60mm	×	×	×		
60	ULT21.03470	947 262 1933	(947 262 2533)	1	REVERSE GEAR 41 T		×	×	×		
			(948 262 0033)								
61	ULT21.03856	018 981 5705		1	ROLLER BEARING		×	×			
62	ULT21.03857	002 980 9502		1	ROLLER BEARING		×	×			
62		003 980 0602		1	ROLLER BEARING					×	
63		007 994 1841		1	RETAINING RING	1.75mm	×	×	×		
64	ULT21.03431	947 265 0349	(389 265 2749)	2	SLIDING PAD		×	×	×		
65	ULT21.03565	947 265 0449		4	SLIDING PAD		×	×	×		
							X1, X2, X3, X4 are used in conjunction with the encoded parts.				

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DETROIT DT12-0A G330-12KL

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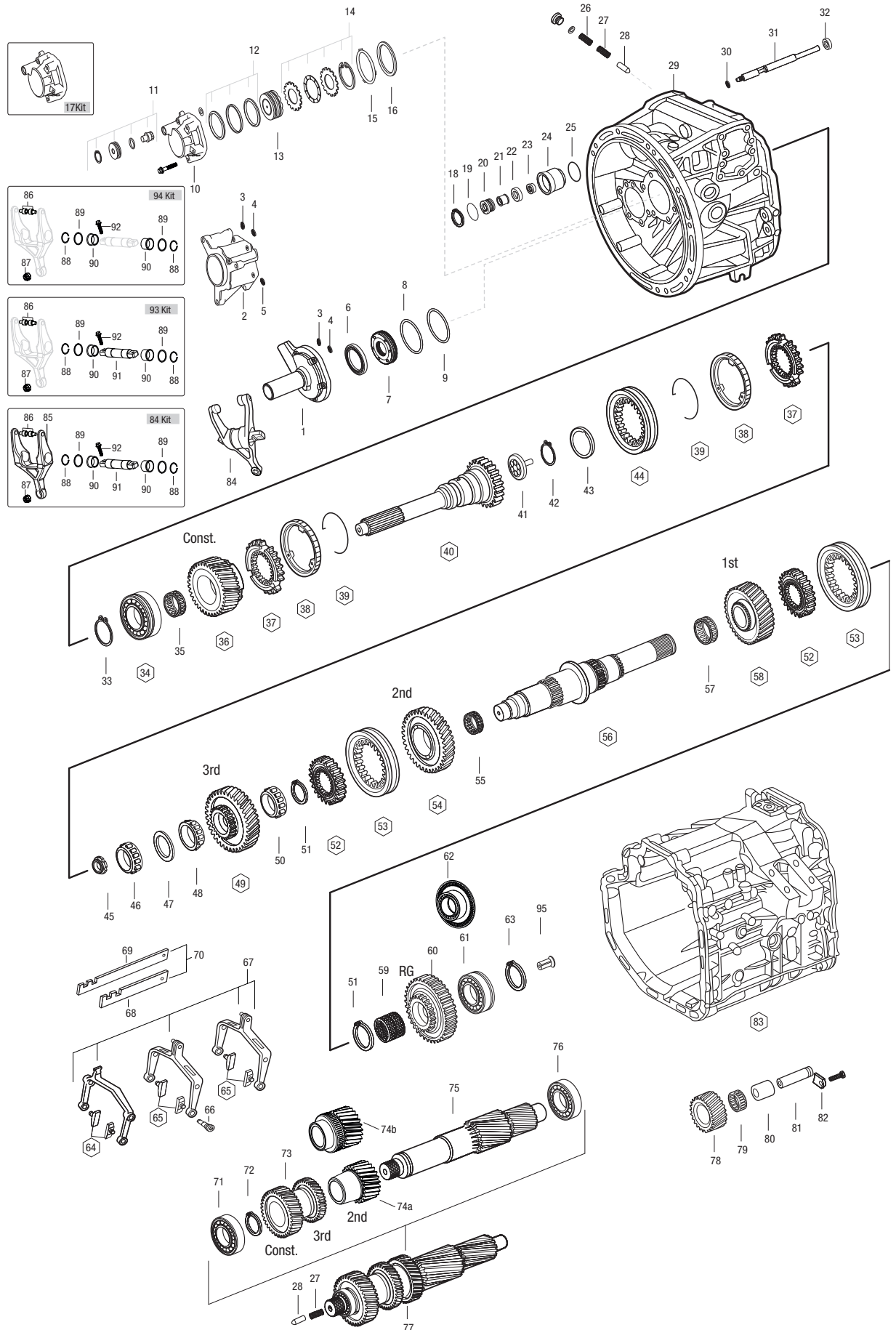
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							G230-12KL				Gearbox
Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes	X1	X2	X3	X4	
66	ULT21.04308	960 265 0874	(945 265 1374)	2	SCREW		×	×	×		
67		947 260 3530		kit	REPAIR KIT		×	×			
67		960 260 4030		kit	REPAIR KIT				×		
68		947 265 3404		1	SHIFTING ROD		×	×	×		
69		947 265 3104		1	SHIFTING ROD		×	×	×		
70		947 260 0331		kit	REPAIR KIT		×	×	×		
71	ULT21.03606	014 981 1405	(015 981 9005)	1	ROLLER BEARING	51x100x37.5m m	×	×	×		
72	ULT21.06426	90005 506 0300		1	RETAINING RING		×	×	×		
73	ULT21.06333	947 263 2110		1	DOUBLE GEAR Const./3rd		×	×	×		Gearbox
74a	ULT21.03298	947 263 0512	(947 263 0312)	1	GEAR 2nd 23 T	W/Out Speed Sensor	×	×	×		
			(947 263 0212)								
74b	ULT21.06393	947 260 3519		1	GEAR 2nd 23 T	With Speed Sensor	×	×	×		
75	ULT21.03302	947 263 2402		1	COUNTER SHAFT		×	×	×		
76	ULT21.03665	019 981 6105		1	ROLLER BEARING		×	×	×		
77	ULT21.06422	2106422		1	COUN.SHAFT COMP.	W/Out Speed Sensor	×	×	×		
77	ULT21.06334	947 260 2724		1	COUN.SHAFT COMP.	With Speed Sensor	×	×	×		
78	ULT21.06309	947 263 1531	(948 263 0031)	1	REV.IDLER GEAR		×	×	×		
			(947 263 1231)								Gearbox
			(947 263 1131)								
			(947 263 1031)								
79		003 981 2818	(023 981 3110)	1	NEEDLE CAGE		×	×	×		
80		947 992 0103		1	BUSHING		×	×	×		
81	ULT21.06037	976 263 0030		1	PIN		×	×	×		
82		945 263 0041		1	PIN		×	×	×		
83		947 261 1426	(947 261 9603)	1	HOUSING		×	×			
			(947 261 9303)								
83		960 260 2623		1	HOUSING				×		Gearbox
84	ULT26.00002	655 250 1813		kit	RELEASE FORK COMPLETE		×	×	×		
85		655 250 1513		1	RELEASE FORK		×	×	×		
86	ULT26.00005	000 254 0017		2	CAM ROLLER		×	×	×		
87	ULT26.00012	000 254 0335		1	PLASTIC BUSHING		×	×	×		
88		N912009 035100		2	RETAINING RING		×	×	×		
89		N000988 036100		2	WASHER		×	×	×		
90		002 992 1501		2	BUSHING	36.5X43.0X16.0mm	×	×	×		
91		655 254 0206		1	SHAFT		×	×	×		
92		N910105 012026		2	SCREW	M12X40mm	×	×	×		
93	ULT26.00003	2600003		kit	RELEASE FORK REPAIR KIT		×	×	×		Gearbox
94	ULT26.00011	2600011		kit	RELEASE FORK REPAIR KIT	W/OUT SHAFT	×	×	×		
95		001 990 2759		1	OIL PIPE		×	×	×		

X1, X2, X3, X4
are used in
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encoded parts.

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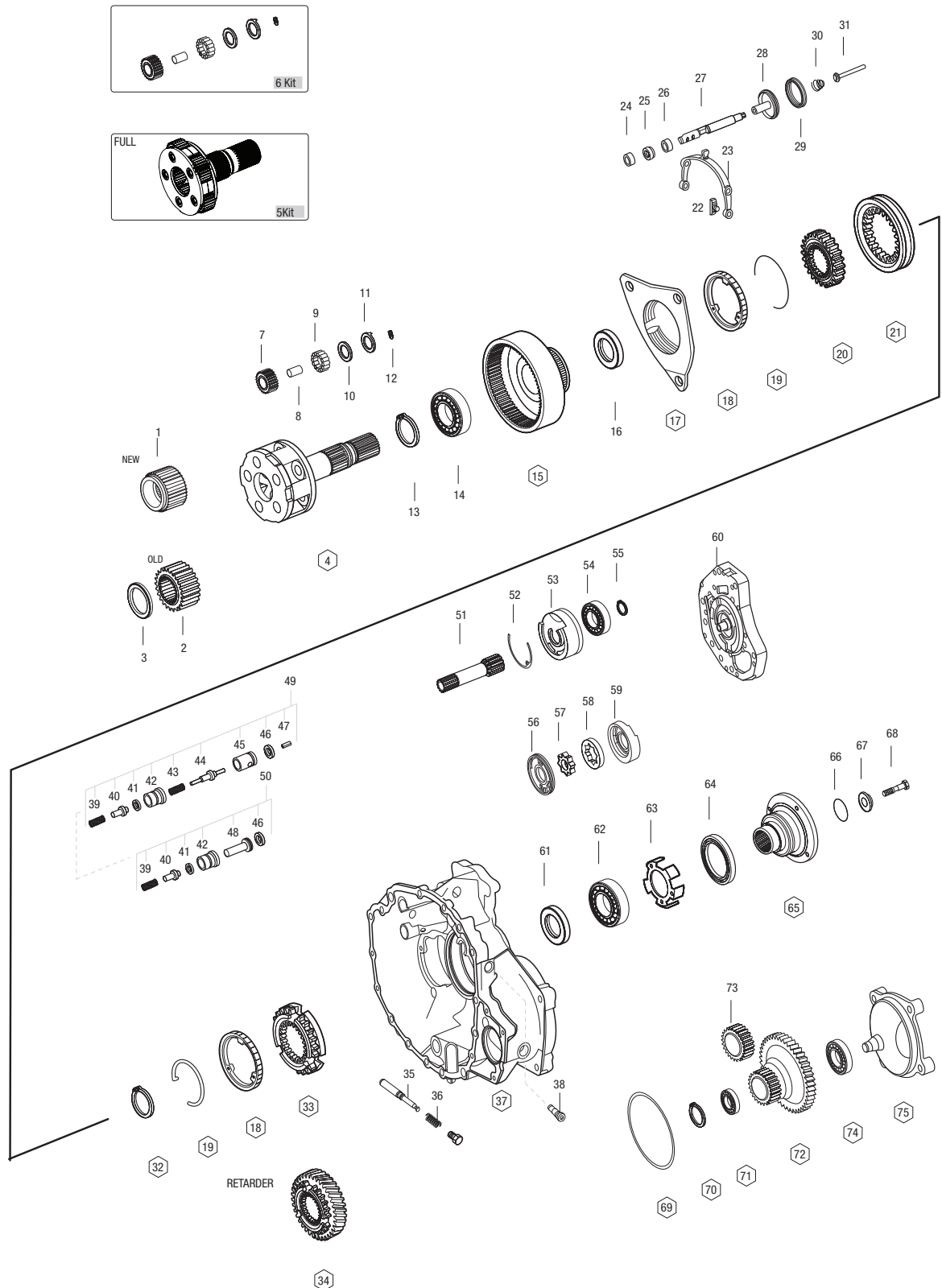
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							G230-12KL				Gearbox
Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes	X1	X2	X3	X4	
1	ULT21.06306	947 262 1609		1	SUN GEAR	NEW TYPE	×				
2	ULT21.03294	947 262 1209	(947 262 1109)	1	SUN GEAR	OLD TYPE		×			
			(947 262 1009)								
			(947 262 1309)								
3	ULT21.04135	947 990 0882		1	THRUST WASHER	OLD TYPE		×			
4	ULT21.03304	947 260 6361		1	PLANETARY CARRIER	EMPTY	×	×			
5	ULT21.03304.	947 260 6361		kit	PLANETARY CARRIER	FULL	×	×			
6	ULT21.03303	947 260 0197	(947 260 0297)	1	PLANETARY GEAR SET		×	×			
			(947 260 0397)								
7	ULT21.06350	2106350		5	PLANETARY GEAR		×	×			
8	ULT21.06349	2106349		5	PLANETARY SHAFT		×	×			
9	ULT21.03816	000 981 4386	(000 981 4186)	125	NEEDLE ROLLER	4.995x39.60mm	×	×			
10	ULT21.04074	389 262 6462	(389 262 0162)	10	THRUST WASHER	35.35x43.90x1.00mm	×	×			
11		389 262 1362	(389 262 1162)	10	THRUST WASHER		×	×			
12	ULT21.03418	000914 006 109		5	THREADED PIN	5.90x13.90mm	×	×			
13		000472 130 000		1	RETAINING RING		×	×			
14	ULT21.03614	008 981 1325	(008 981 1525)	1	ROLLER BEARING	90.0x130.0x14.0mm	×	×			
15	ULT21.03471	947 262 2808	(947 262 2508)	1	ANNULUS 85T		×	×			
			(947 262 2408)								
16	ULT21.04076	389 262 0251		1	SPACER RING		×	×			
17	ULT21.03305	947 260 0736		1	FOLLOWER RING		×	×			
18	ULT21.03185	947 260 0945		2	SYNCHRONIZING CONE		×	×			
18	ULT21.06273	947 260 3045		2	SYNCHRONIZING CONE		×	×			
19	ULT21.03077	389 262 0293		2	SPRING		×	×			
20	ULT21.03079	389 262 4935	(389 262 2035)	1	GUIDE SLEEVE		×	×			
21	ULT21.03033	945 262 6923		1	ENGAGING SLEEVE		×	×			
22	ULT21.03431	947 265 0349	(389 265 2749)	2	SLIDING PAD		×	×			
23	ULT21.06324	947 265 1901	(947 265 1701)	1	SHIFTING FORK		×	×			
			(930 265 0001)								
			(389 265 0901)								
			(389 265 0201)								
24	ULT21.04254	000 992 7703	(389 267 2250)	1	BUSHING		×	×			
25	ULT21.03523	000 267 0197	(000 267 0397)	1	FLANGE PACKING		×	×			
26	ULT21.04178	387 267 0650		1	BUSHING		×	×			
27		930 267 0217		1	SHIFTING ROD	RETARDER	×	×			
27		945 267 2117	(945 267 2217)	1	SHIFTING ROD		×	×			
27		960 267 0617	(960 267 0017)	1	SHIFTING ROD		×	×			
28		930 267 0618	(960 267 0118)	1	PISTON		×	×			
29	ULT21.03525	024 997 8347	(020 997 6747)	1	SEAL RING		×	×			
			(014 997 3647)								
			(014 997 5147)								

X1, X2, X3, X4
are used in
conjunction with the
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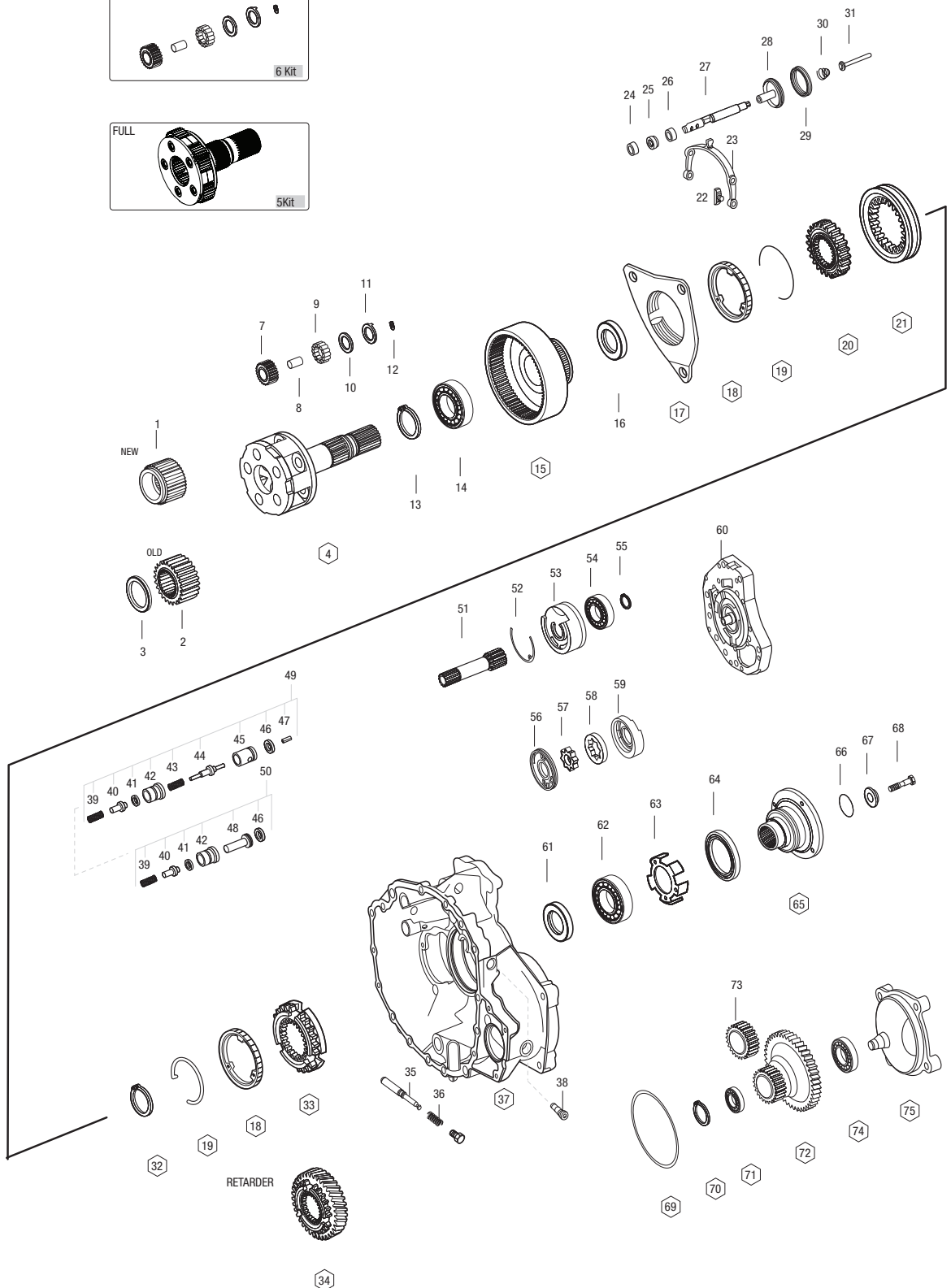
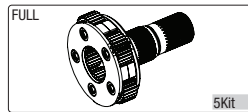
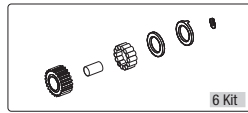
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								G230-12KL				Gearbox
Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes		X1	X2	X3	X4	
30	ULT21.04255	008 993 0801		1	SPRING			✗	✗			
31	ULT21.04257	000 543 5785		1	PIN			✗	✗			
32		000471 120 000		1	RETAINING RING			✗	✗			
33	ULT21.03306	947 262 0634		1	ENGAGING RING			✗	✗			
34	ULT21.03307	947 264 0420		1	ENGAGING RING	RETARDER		✗	✗			
35	ULT21.06004	945 267 0274	(389 267 0274)	1	PIN			✗	✗			
36	ULT21.06006	389 993 3401		1	SPRING			✗	✗			
37		947 260 1411		1	HOUSING			✗	✗			
37		960 260 3723		1	HOUSING			✗	✗			
38	ULT21.04307	960 265 0574	(945 265 1274)	2	SCREW			✗	✗			
39	ULT21.06016	389 993 5301		1	SPRING			✗	✗			
40	ULT21.06019	389 269 1026	(389 269 0926)	1	SELECTOR VALVE			✗	✗			
41	ULT21.04210	013 997 0148	(020 997 8348)	1	O-RING	13.30x2.40mm		✗	✗			
42	ULT21.06022	389 269 1444	(389 269 0744)	1	VALVE INSERT			✗	✗			
43		389 993 4401		1	SPRING	11.50x41.90x1.0mm		✗	✗			
44		389 269 0826		1	SELECTOR VALVE			✗	✗			
45		389 269 0844		1	BALL			✗	✗			
46	ULT21.04212	013 997 0048		1	O-RING	19.20x3.0mm		✗	✗			
47		001481 004 001		1	CLAMPING SLEEVE			✗	✗			
48	ULT21.06024	389 265 0176	(389 265 0076)	1	WASHER			✗	✗			
49		655 260 0157		1	VALVE KIT	OLD		✗	✗			
50		960 260 1057		1	VALVE KIT	NEW		✗	✗			
51	ULT21.03198	947 269 1010	(945 269 1010)	1	OIL PUMP SHAFT			✗	✗			
51	ULT21.03085	947 264 0005	(389 269 1210)	1	OIL PUMP SHAFT			✗	✗			
51	ULT21.06298	947 269 1110	(945 269 1110)	1	OIL PUMP SHAFT	RETARDER		✗	✗			
52	ULT21.04304.	389 262 6254		1	SPACER WASHER	0.70mm		✗	✗			
52	ULT21.04304	389 262 6254		1	SPACER WASHER	0.80mm		✗	✗			
52	ULT21.04303	389 262 5954		1	SPACER WASHER	0.90mm		✗	✗			
52	ULT21.04302	389 262 5754		1	SPACER WASHER	1.00mm		✗	✗			
52	ULT21.04301	389 262 5554		1	SPACER WASHER	1.10mm		✗	✗			
52	ULT21.04305	389 262 5354		1	SPACER WASHER	1.20mm		✗	✗			
53	ULT21.03475	389 260 0790		1	OIL PUMP			✗	✗			
54	ULT21.03613	004 981 8625		1	ROLLER BEARING	45x75x16mm		✗	✗			
55		000471 045 000		1	RETAINING RING			✗	✗			
56	ULT21.03412	945 269 0201		1	OIL PUMP COVER			✗	✗			
56	ULT21.03558	947 264 0287		1	OIL PUMP COVER	PTO		✗	✗			
57	ULT21.03413	389 269 1506	(389 269 1406)	1	OIL PUMP GEAR			✗	✗			
58	ULT21.03414	389 269 1206	(389 269 0706)	1	ROTOR			✗	✗			
59	ULT21.03478	947 269 1001	(947 269 0501)	1	OIL PUMP COVER			✗	✗			
60	ULT21.03566	945 261 1033		1	COVER			✗	✗			
61	ULT21.04136	947 262 4052		1	SPACER WASHER			✗	✗			

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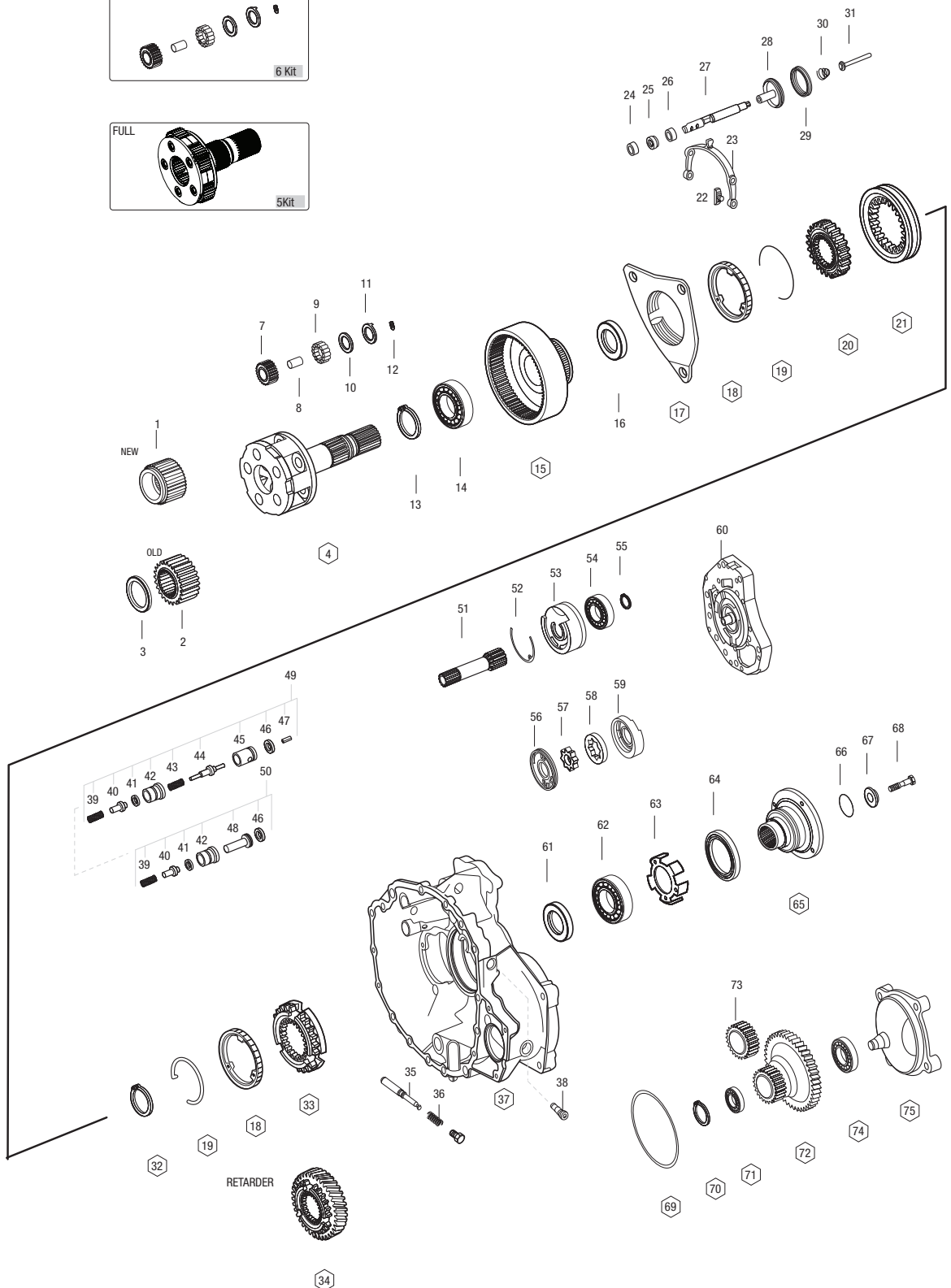
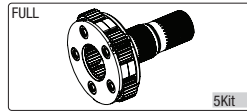
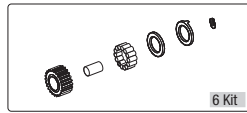
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DETROIT DT12-OB

TRANSMISSION PARTS

IDENTIFICATION GUIDE

							G230-12KL				Gearbox
Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes	X1	X2	X3	X4	
62	ULT21.03639	009 981 3625	(009 981 3525)	1	ROLLER BEARING		✗	✗			
			(009 981 3425)								
			(009 981 3325)								
63	ULT21.04137	947 262 1128	(947 262 0528)	1	PULSE STAR		✗	✗			
64	ULT21.03515	015 997 9546	(013 997 6546)	1	OIL SEAL	86.0X100.0X14/18mm	✗	✗			
			(015 997 7746)								
65	ULT21.03309	947 262 1645		1	COMPANION FLANGE	4-H, Ø180mm	✗	✗			
65	ULT21.03308	947 262 1745		1	COMPANION FLANGE	4-H, Ø180mm	✗	✗			
66		013 997 2145		1	O-RING		✗	✗			
67		947 262 0862		1	THRUST WASHER		✗	✗			
68	ULT21.06280	000000 005 728		1	SCREW	M20X1.50X80.0mm	✗	✗			
69		029 997 2248		1	O-RING		✗	✗			
70		000983 020 000		1	RETAINING RING		✗	✗			
71		000625 006 004		1	ROLLER BEARING		✗	✗			
72	ULT21.06311	930 264 0921		1	GEAR PTO		✗	✗			
73	ULT21.03671	930 264 0721		1	GEAR PTO		✗	✗			
74		000625 506 007		1	ROLLER BEARING		✗	✗			
75	ULT21.06300	930 264 0211	(930 264 0111)	1	HOUSING		✗	✗			

X1, X2, X3, X4
are used in
conjunction with the
encoded parts.

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G211-12KL

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DETROIT DT12-OB
G230-12KL

Main Shaft Complete

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DETROIT DT12-DA
G281-12KL
DETROIT DT12-0A
G330-12KL

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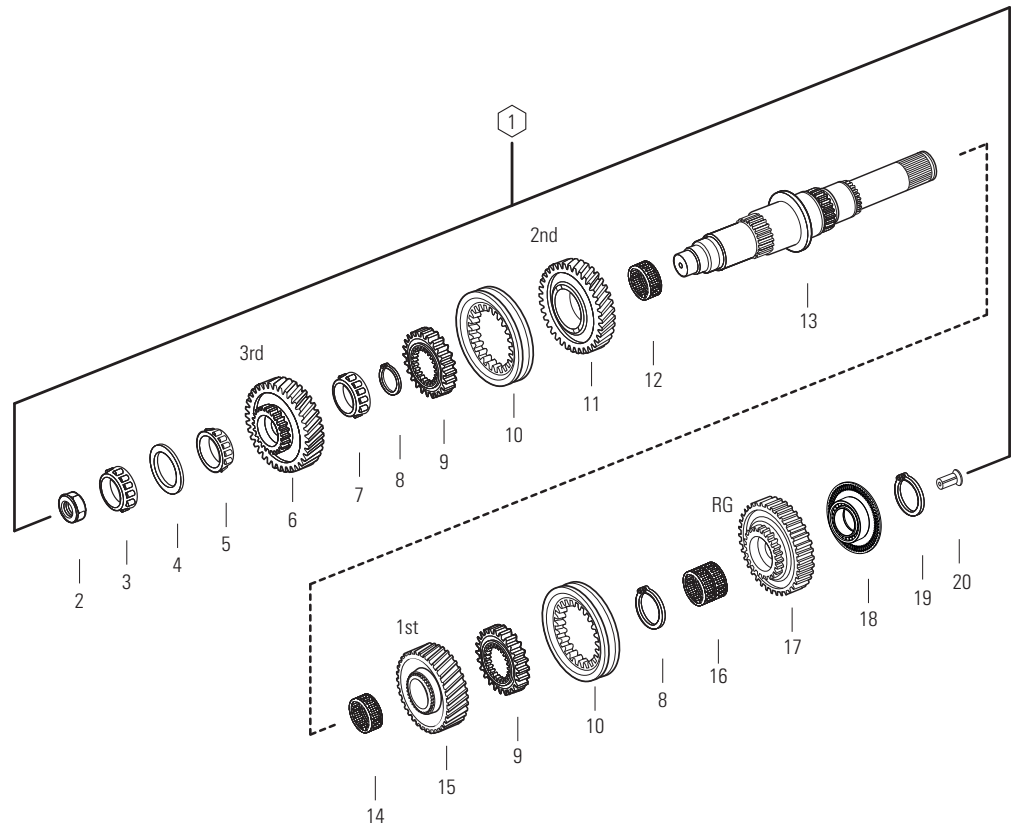


Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.06367	2106367		Kit	MAIN SHAFT COMPLETE	
2	ULT21.03432	945 990 0250		1	NUT	
3	ULT21.03632	017 981 1305	(015 981 8505)	1	ROLLER BEARING	
4	ULT21.04025	389 262 3252		1	THRUST WASHER	2.00 mm
5	ULT21.03629	015 981 7605	(015 981 2005)	1	ROLLER BEARING	50.0X41.0mm
6	ULT21.03465	947 262 0117	(947 262 0617)	1	GEAR 3rd 34 T	
7	ULT21.03636	017 981 8305		1	ROLLER BEARING	52.0X24.0mm
8		387 262 7673		2	RETAINING RING	2.70 mm
9	ULT21.03280	947 262 1635	(947 262 1435)	2	GUIDE SLEEVE	
10	ULT21.03282	947 262 1123	(947 262 2223)	2	ENGAGING SLEEVE	
11	ULT21.06317	947 262 2412	(947 262 2012)	1	GEAR 2nd 38 T	
12	ULT21.03817	019 981 4410	(019 981 0910)	1	NEEDLE CAGE	75.0X83.0X55.0mm
13	ULT21.03467	947 262 2505	(947 262 2405)	1	MAIN SHAFT	
			(947 262 1705)			
14	ULT21.03827	004 981 1018	(021 981 5710)	1	NEEDLE CAGE	75.0X83.0X33.0mm
15	ULT21.03468	947 262 5310	(947 262 5110)	1	GEAR 1st 41 T	
16	ULT21.03828	022 981 2310	(022 981 2210)	1	NEEDLE CAGE	64X72X44.6mm
17	ULT21.03470	947 262 1933	(947 262 2533)	1	REVERSE GEAR 41 T	
18	ULT21.03857	002 980 9502		1	ROLLER BEARING	
19	ULT21.04331	007 994 1841		1	RETAINING RING	
20		001 990 2759		1	OIL PIPE	

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G211-12KL

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G230-12KL
Main Shaft Complete
NEW
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DETROIT DT12-DA
G281-12KL
DETROIT DT12-OA
G330-12KL
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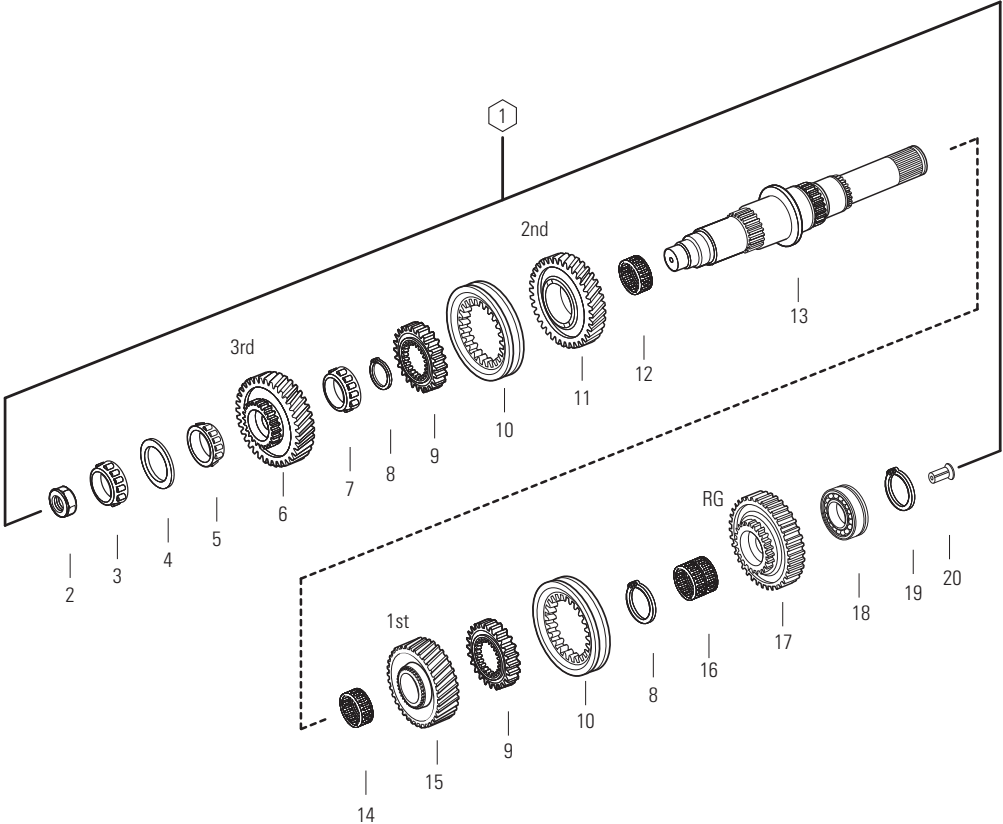


Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.06375	2106375		Kit	MAIN SHAFT COMPLETE	
2	ULT21.03432	945 990 0250		1	NUT	
3	ULT21.03632	017 981 1305	(015 981 8505)	1	ROLLER BEARING	
4	ULT21.04025	389 262 3252		1	THRUST WASHER	2.00 mm
5	ULT21.03629	015 981 7605	(015 981 2005)	1	ROLLER BEARING	50.0X41.0mm
6	ULT21.03465	947 262 0117	(947 262 0617)	1	GEAR 3rd 34 T	
7	ULT21.03636	017 981 8305		1	ROLLER BEARING	52.0X24.0mm
8		387 262 7673		2	RETAINING RING	2.70 mm
9	ULT21.03281	947 262 1635	(947 262 1435)	2	GUIDE SLEEVE	
10	ULT21.03282	947 262 1123	(947 262 2223)	2	ENGAGING SLEEVE	
11	ULT21.06317	947 262 2412	(947 262 2012)	1	GEAR 2nd 38 T	
12	ULT21.03817	019 981 4410	(019 981 0910)	1	NEEDLE CAGE	75.0X83.0X55.0mm
13	ULT21.03467	947 262 2505	(947 262 2405)	1	MAIN SHAFT	
			(947 262 1705)			
14	ULT21.03827	004 981 1018	(021 981 5710)	1	NEEDLE CAGE	75.0X83.0X33.0mm
15	ULT21.03468	947 262 5310	(947 262 5110)	1	GEAR 1st 41 T	
16	ULT21.03828	022 981 2310	(022 981 2210)	1	NEEDLE CAGE	64X72X44.6mm
17	ULT21.03470	947 262 1933	(947 262 2533)	1	REVERSE GEAR 41 T	
18	ULT21.03856	018 981 5705		1	ROLLER BEARING	
19	ULT21.04331	007 994 1841		1	RETAINING RING	
20		001 990 2759		1	OIL PIPE	

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G230-12KL

Input Shaft Complete

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G281-12KL
DETROIT DT12-OA
G330-12KL

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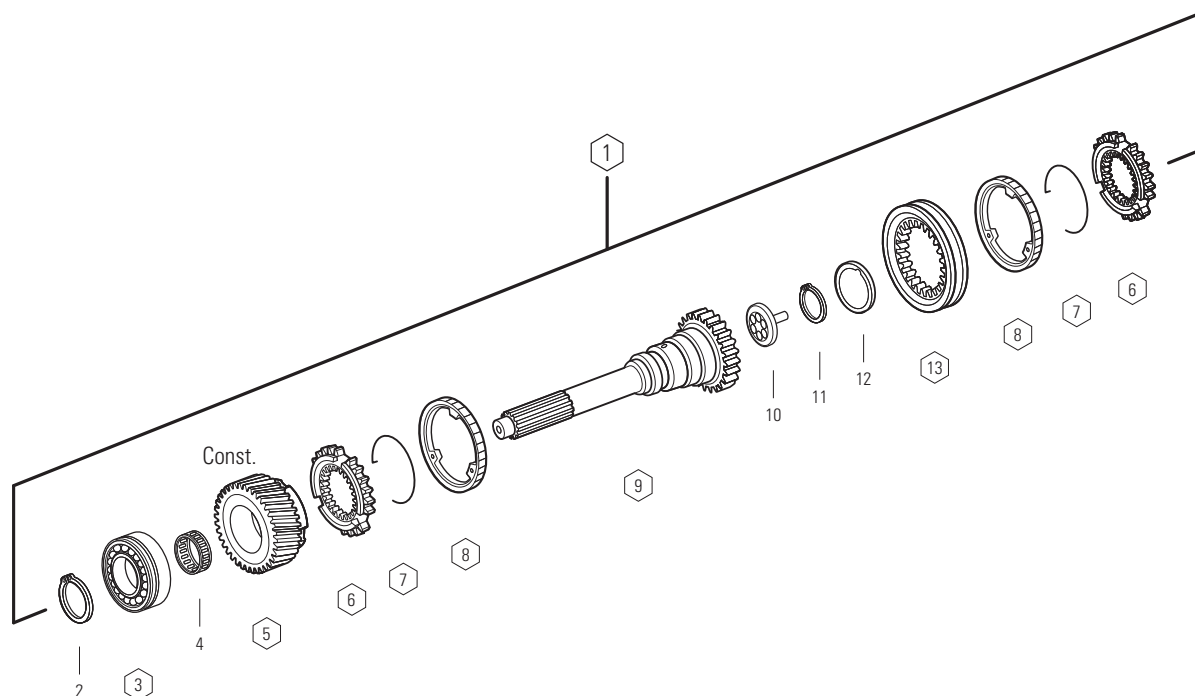
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Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.06365	2106365		Kit	INPUT SHAFT COMPLETE	
2		387 262 8773		1	RETAINING RING	3.20 mm
3	ULT21.03618	014 981 9005	(011 981 1305)	1	ROLLER BEARING	75x140x34.3 mm
4	ULT21.03826	022 981 2110	(022 981 2010)	1	NEEDLE CAGE	84X90X48 mm
5	ULT21.06332	947 262 3510	(948 262 0210)	1	CONSTANT GEAR	
6	ULT21.03147	945 262 7734	(945 262 3634)	2	ENGAGING RING	
7	ULT21.03044	387 262 1093		2	SPRING	
8	ULT21.03136	945 260 2245	(947 260 0545) (945 262 6337)	2	SYNCHRONIZING CONE	
9	ULT21.03275	947 262 3902	(947 262 5002)	1	INPUT SHAFT	
10	ULT21.04001	976 269 0034		1	OIL PIPET	
11	ULT21.04002	000 994 9841		1	RETAINING RING	
12	ULT21.03513	000 262 9062	(000 262 8662)	1	OIL SEAL	
13	ULT21.03137	945 262 6823	(945 262 6423)	1	ENGAGING SLEEVE	

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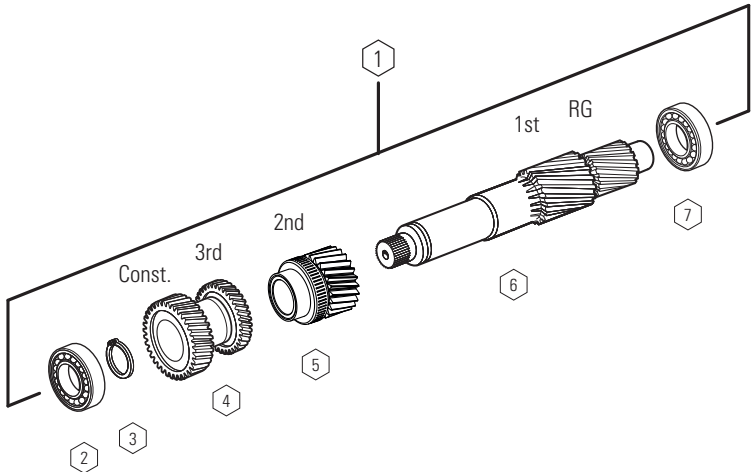


Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.06334	947 260 2724		Kit	COUNTER SHAFT COMPLETE	
2	ULT21.03606	015 981 9005	(014 981 1405)	1	ROLLER BEARING	
3	ULT21.06426	90005 506 0300		1	RETAINING RING	
4	ULT21.06333	947 263 2110		1	DOUBLE GEAR	
5	ULT21.06393	947 260 3519		1	GEAR 2nd 23 T (with speed sensor)	
6	ULT21.03302	947 263 2402		1	COUNTER SHAFT	
7	ULT21.03665	019 981 6105		1	ROLLER BEARING	

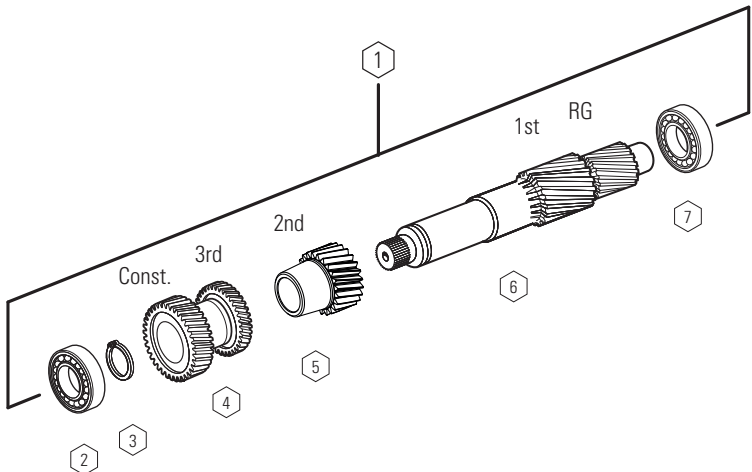


Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.06422	2106422		Kit	COUNTER SHAFT COMPLETE	
2	ULT21.03606	015 981 9005	(014 981 1405)	1	ROLLER BEARING	
3	ULT21.06426	90005 506 0300		1	RETAINING RING	
4	ULT21.06333	947 263 2110		1	DOUBLE GEAR	
5	ULT21.03298	947 263 0512	(947 263 0312)	1	GEAR 2nd 23 T (W/Out speed sensor)	
6	ULT21.03302	947 263 2402		1	COUNTER SHAFT	
7	ULT21.03665	019 981 6105		1	ROLLER BEARING	

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DETROIT DT12-OA
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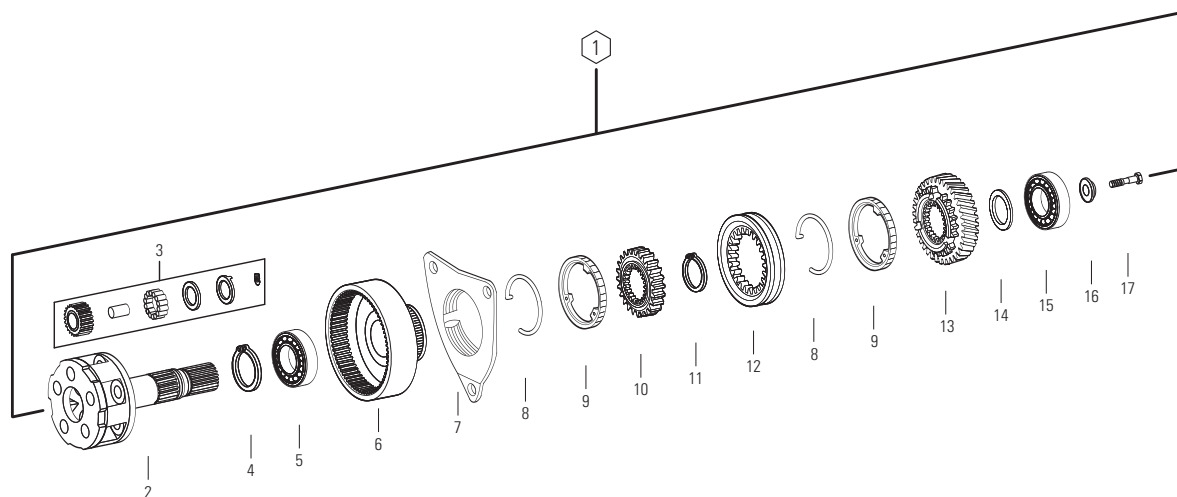
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Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.06391	2106391		Kit	PLANETARY CARRIER COMPLETE	
2	ULT21.03304	947 260 6361		1	PLANETARY CARRIER EMPTY	
3	ULT21.03303	947 260 0197		1	PLANETARY GEAR SET	
4		000472 130 000		1	RETAINING RING	
5	ULT21.03614	008 981 1325		1	ROLLER BEARING	90X130X14mm
6	ULT21.03471	947 262 2808	(947 262 2508)	1	ANNULUS 85 T	
7	ULT21.03305	947 260 0736		1	FOLLOWER RING	
8	ULT21.03077	389 262 0293		2	SPRING	
9	ULT21.03185	947 260 0945		2	SYNCHRONIZING CONE	
10	ULT21.03079	389 262 4935	(389 262 2035)	1	GUIDE SLEEVE	
11		000471 120 000		1	RETAINING RING	
12	ULT21.03033	945 262 6923		1	ENGAGING SLEEVE	
13	ULT21.03307	947 264 0420		1	ENGAGING RING	RETARDER
14	ULT21.04136	947 262 4052		1	SPACER WASHER	
15	ULT21.03639	009 981 3625	(009 981 3525)	1	ROLLER BEARING	
16		947 262 0862		1	THRUST WASHER	
17	ULT21.06280	000000 005 728		1	SCREW	M20X1.50X80.0mm

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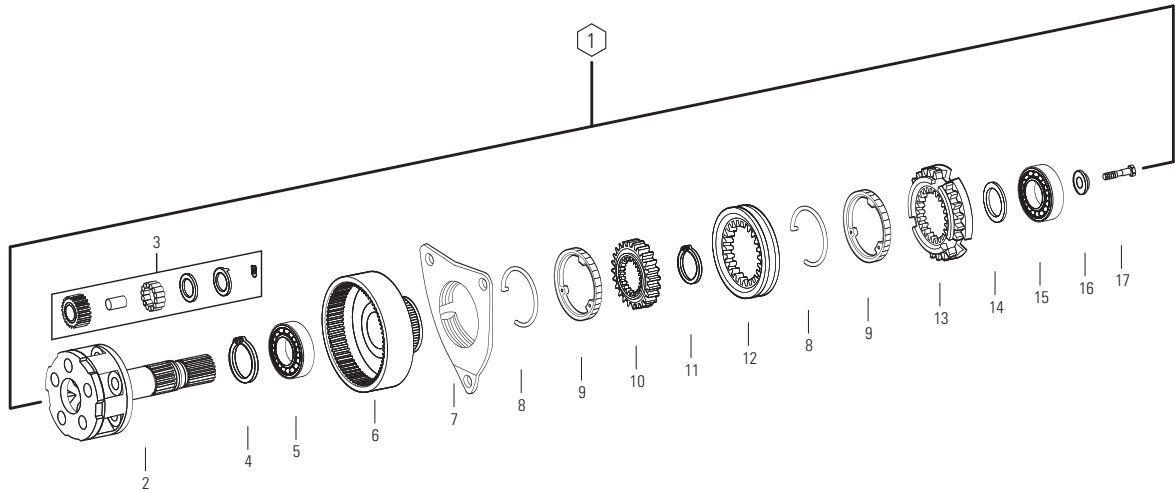


Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.03569	2103569		Kit	PLANETARY CARRIER COMPLETE	
2	ULT21.03304	947 260 6361		1	PLANETARY CARRIER EMPTY	
3	ULT21.03303	947 260 0197		1	PLANETARY GEAR SET	
4		000472 130 000		1	RETAINING RING	
5	ULT21.03614	008 981 1325		1	ROLLER BEARING	90X130X14mm
6	ULT21.03471	947 262 2808	(947 262 2508)	1	ANNULUS 85 T	
7	ULT21.03305	947 260 0736		1	FOLLOWER RING	
8	ULT21.03077	389 262 0293		2	SPRING	
9	ULT21.03185	947 260 0945		2	SYNCHRONIZING CONE	
10	ULT21.03079	389 262 4935	(389 262 2035)	1	GUIDE SLEEVE	
11		000471 120 000		1	RETAINING RING	
12	ULT21.03033	945 262 6923		1	ENGAGING SLEEVE	
13	ULT21.03306	947 262 0634		1	ENGAGING RING	
14	ULT21.04136	947 262 4052		1	SPACER WASHER	
15	ULT21.03639	009 981 3625	(009 981 3525)	1	ROLLER BEARING	
16		947 262 0862		1	THRUST WASHER	
17	ULT21.06280	000000 005 728		1	SCREW	M20X1.50X80.0mm

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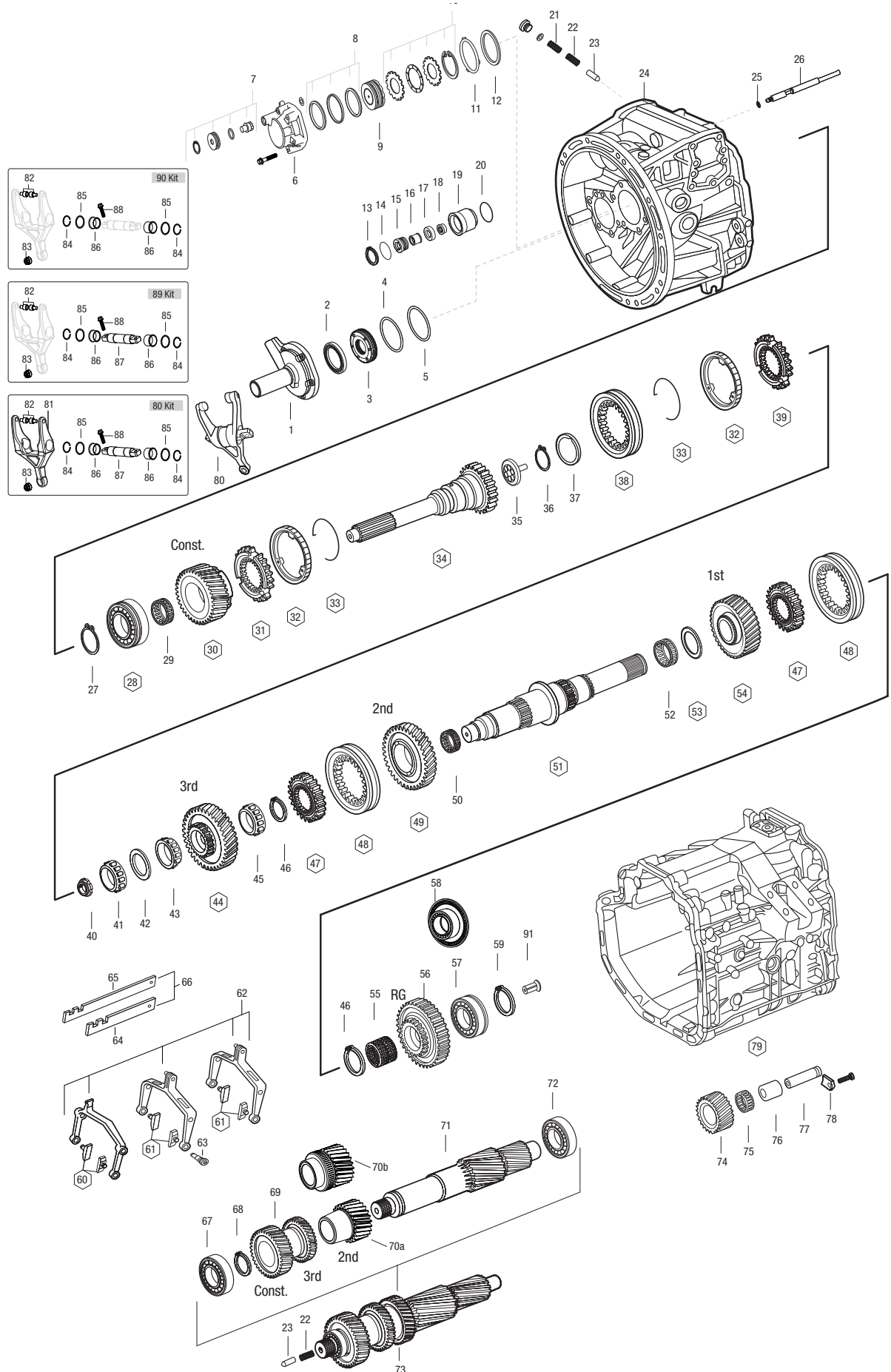
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DETROIT DT12-DA/OA TRANSMISSION PARTS | IDENTIFICATION GUIDE

Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes	G281 -12KL G330 -12KL				Gearbox
							X1	X2	X3	X4	
1	ULT21.03429	945 261 1118	(945 261 0118)	1	COVER		x	x	x	x	
			(945 261 0818)								
2	ULT21.03509	023 997 7847	(019 997 0547)	1	OIL SEAL	56.0X72.0X8.0mm	x	x	x	x	
3	ULT21.06038	389 261 0665	(389 261 0765)	1	OIL BAFFLE		x	x	x	x	
			(389 261 0865)								
4		020 997 7848		1	O-RING	138.0x3.0mm	x	x	x	x	
5	ULT21.04162	389 262 4152	(389 262 0955)	1	SHIM	0.10mm	x	x	x	x	
5	ULT21.04151	389 262 3055		1	SHIM	0.20mm	x	x	x	x	
5	ULT21.04151	389 262 3055		1	SHIM	0.25mm	x	x	x	x	
5	ULT21.04163	389 262 4452	(389 262 3555)	1	SHIM	0.40mm	x	x	x	x	
5	ULT21.04250	389 262 4055		1	SHIM	0.55mm	x	x	x	x	
6	ULT21.06301	960 261 1933	(960 260 4265)	1	COVER		x		x		
6		960 261 0033		1	COVER		x		x		
6		947 261 0733		1	COVER			x		x	
7		930 260 0058		1	REPAIR KIT		x	x	x	x	
8	ULT21.06396	947 260 0718		1	REPAIR KIT		x	x	x	x	
9	ULT21.06302	960 260 1718		1	PISTON		x		x		
9		947 260 0618		1	PISTON			x		x	
10	ULT21.06431	960 262 0191	(960 262 0091)	1	PARTS KIT		x	x	x	x	
			(947 260 4036)								
11		028 997 2348		1	O-RING	100.0X3.0mm	x	x	x	x	
12	ULT21.04192	406 337 0252		1	SHIM	0.10mm	x	x	x	x	
12	ULT21.04150	406 337 0352		1	SHIM	0.20mm	x	x	x	x	
12	ULT21.04150	406 337 0352		1	SHIM	0.25mm	x	x	x	x	
12	ULT21.04196	389 263 5352		1	SHIM	0.40mm	x	x	x	x	
12	ULT21.04197	389 263 5852		1	SHIM	0.55mm	x	x	x	x	
12	ULT21.04198	389 263 6352		1	SHIM	0.70mm	x	x	x	x	
12	ULT21.04199	389 263 6852		1	SHIM	0.85mm	x	x	x	x	
12	ULT21.04200	389 263 7352		1	SHIM	1.00mm	x	x	x	x	
12	ULT21.04201	389 263 7852		1	SHIM	1.15mm	x	x	x	x	
12	ULT21.04202	389 263 8352		1	SHIM	1.30mm	x	x	x	x	
13		006 994 4241		1	RETAINING RING		x	x	x	x	
14	ULT21.04233	389 262 2555		1	SPACER WASHER	0.70mm	x	x	x	x	
14	ULT21.04234	389 262 2655		1	SPACER WASHER	0.90mm	x	x	x	x	
14	ULT21.04112	389 262 3254		1	SPACER WASHER	1.05mm	x	x	x	x	
14	ULT21.04111	389 262 3354		1	SPACER WASHER	1.10mm	x	x	x	x	
14	ULT21.04109	389 262 3554		1	SPACER WASHER	1.20mm	x	x	x	x	
14	ULT21.04105	389 262 2052		1	SPACER WASHER	1.40mm	x	x	x	x	
14	ULT21.04093	389 262 2355		1	SPACER WASHER	1.80mm	x	x	x	x	
14	ULT21.04025	389 262 3252		1	SPACER WASHER	2.00mm	x	x	x	x	
14	ULT21.04024	389 262 3352		1	SPACER WASHER	2.50mm	x	x	x	x	
							X1, X2, X3, X4 are used in conjunction with the encoded parts.				

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G211-12KL

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DETROIT DT12-DA

G281-12KL

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Gearbox

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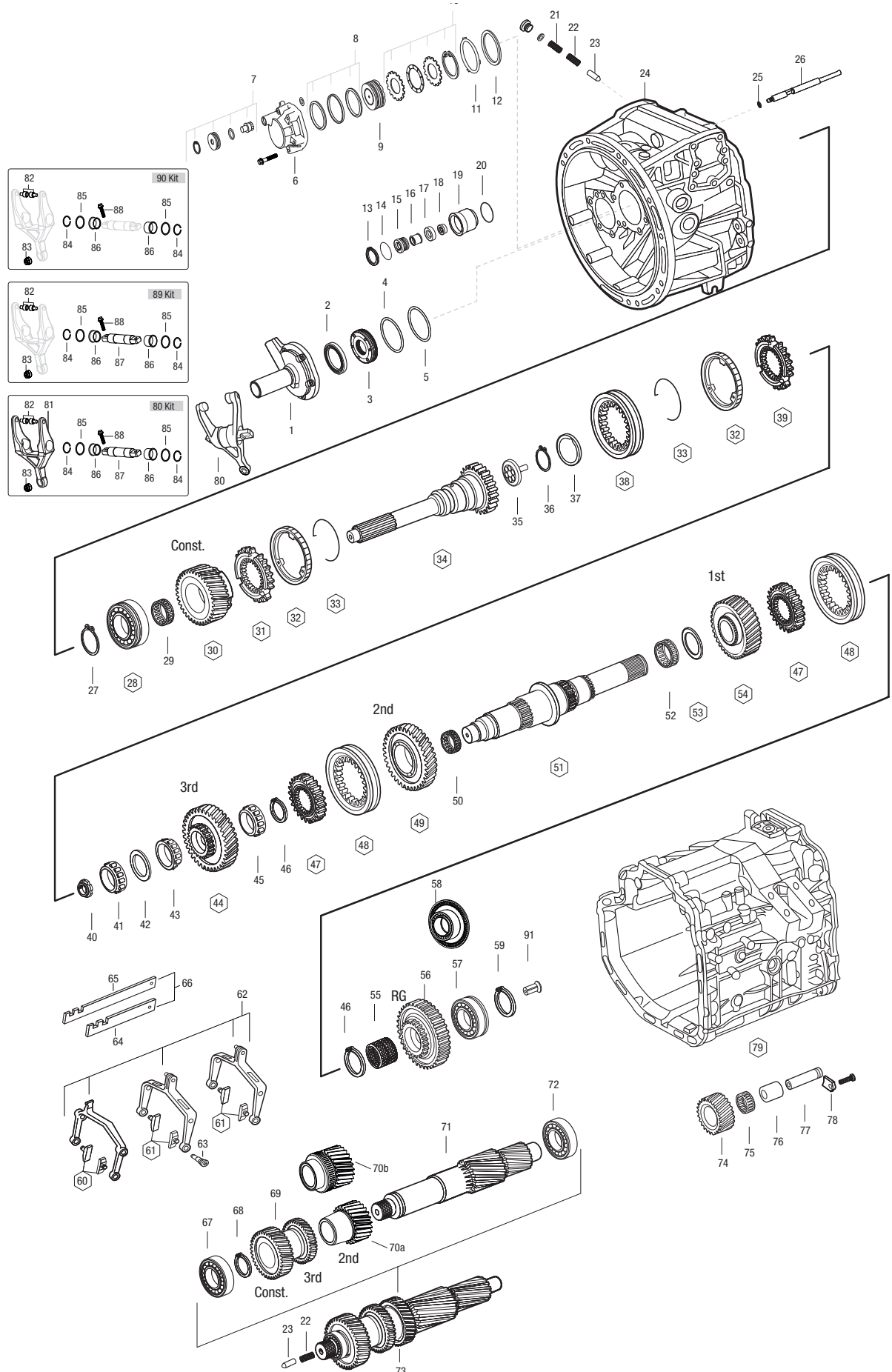


Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes	G281 -12KL G330 -12KL				Gearbox
							X1	X2	X3	X4	
15		945 267 0218		1	PISTON		×	×	×	×	
16	ULT21.03524	012 997 3347	(006 997 6447)	1	DOUBLE PACKING		×	×	×	×	
17	ULT21.04178	387 267 0650		1	BUSHING	34.0x22.0x8mm	×	×	×	×	
18	ULT21.03523	003 267 0197	(000 267 0397)	1	FLANGE PACKING	22.0x32.0x8.0mm	×	×	×	×	
19	ULT21.06036	945 267 0819	(945 267 0119)	1	CYLINDER		×	×	×	×	
			(945 267 0719)								
			(945 267 0019)								
20		022 997 4248		1	O-RING	55.60x3.0mm	×	×	×	×	
21	ULT21.06015	387 993 4501		2	SPRING	9.8X63.3mm	×	×	×	×	
22	ULT21.03500	387 993 4401		2	SPRING	6.2X63.0mm	×	×	×	×	
23	ULT21.03492	389 267 1174	(387 267 0034)	2	PIN		×	×	×	×	
24		945 260 8812	(930 260 5011)	1	HOUSING		×	×	×	×	
			(930 260 2211)								
25	ULT21.04160	387 263 2652		1	SPACER WASHER	0.20mm	×	×	×	×	
25	ULT21.04161	387 263 2752		1	SPACER WASHER	0.40mm	×	×	×	×	
25	ULT21.04176	387 263 2852		1	SPACER WASHER	0.60mm	×	×	×	×	
25	ULT21.04177	387 263 3052		1	SPACER WASHER	1.00mm	×	×	×	×	
26		930 267 2117		1	G.SHIFT RAIL		×	×	×	×	
27		387 262 8673		1	RETAINING RING	3.15mm	×	×	×	×	
27		387 262 8773		1	RETAINING RING	3.20mm	×	×	×	×	
27		387 262 8873		1	RETAINING RING	3.25mm	×	×	×	×	
27		387 262 8973		1	RETAINING RING	3.30mm	×	×	×	×	
27		387 262 9073		1	RETAINING RING	3.35mm	×	×	×	×	
27		387 262 9173		1	RETAINING RING	3.40mm	×	×	×	×	
27		387 262 9273		1	RETAINING RING	3.45mm	×	×	×	×	
27		387 262 9373		1	RETAINING RING	3.50mm	×	×	×	×	
28	ULT21.03618	014 981 9005	(011 981 1305)	1	ROLLER BEARING	75x140x36mm	×	×	×	×	
29	ULT21.03855	022 981 7910	(022 981 5310)	1	NEEDLE CAGE	84x90x55mm	×	×	×	×	
30	ULT21.03574	930 262 0717		1	CONSTANT GEAR 29T		×	×			
30	ULT21.03578	930 262 1717		1	CONSTANT GEAR 30T				×	×	
31	ULT21.03146	945 262 8234	(945 262 5434)	1	ENGAGING RING		×	×	×	×	
32	ULT21.03148	947 260 4645	(947 260 1945)	2	SYNCHRONIZING CONE	199.0mm	×	×	×	×	
			(946 262 6137)								
32	ULT21.06299	947 260 3545	(947 260 2945)	2	SYNCHRONIZING CONE	199.0mm	×	×	×	×	
			(947 260 0745)								
33	ULT21.03055	387 262 0893		2	SPRING		×	×	×	×	
34	ULT21.03575	930 262 0403	(948 262 0202)	1	INPUT SHAFT		×	×	×	×	
35	ULT21.04001	976 269 0034		1	OIL PIPET		×	×	×	×	
36	ULT21.04002	000 994 9841		1	RETANING RING		×	×	×	×	
37	ULT21.03513	000 262 9062	(000 262 8662)	1	OIL SEAL		×	×	×	×	
38	ULT21.03151	945 262 6523		1	ENGAGING SLEEVE		×	×	×	×	
							X1, X2, X3, X4 are used in conjunction with the encoded parts.				

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G330-12KL

Gearbox

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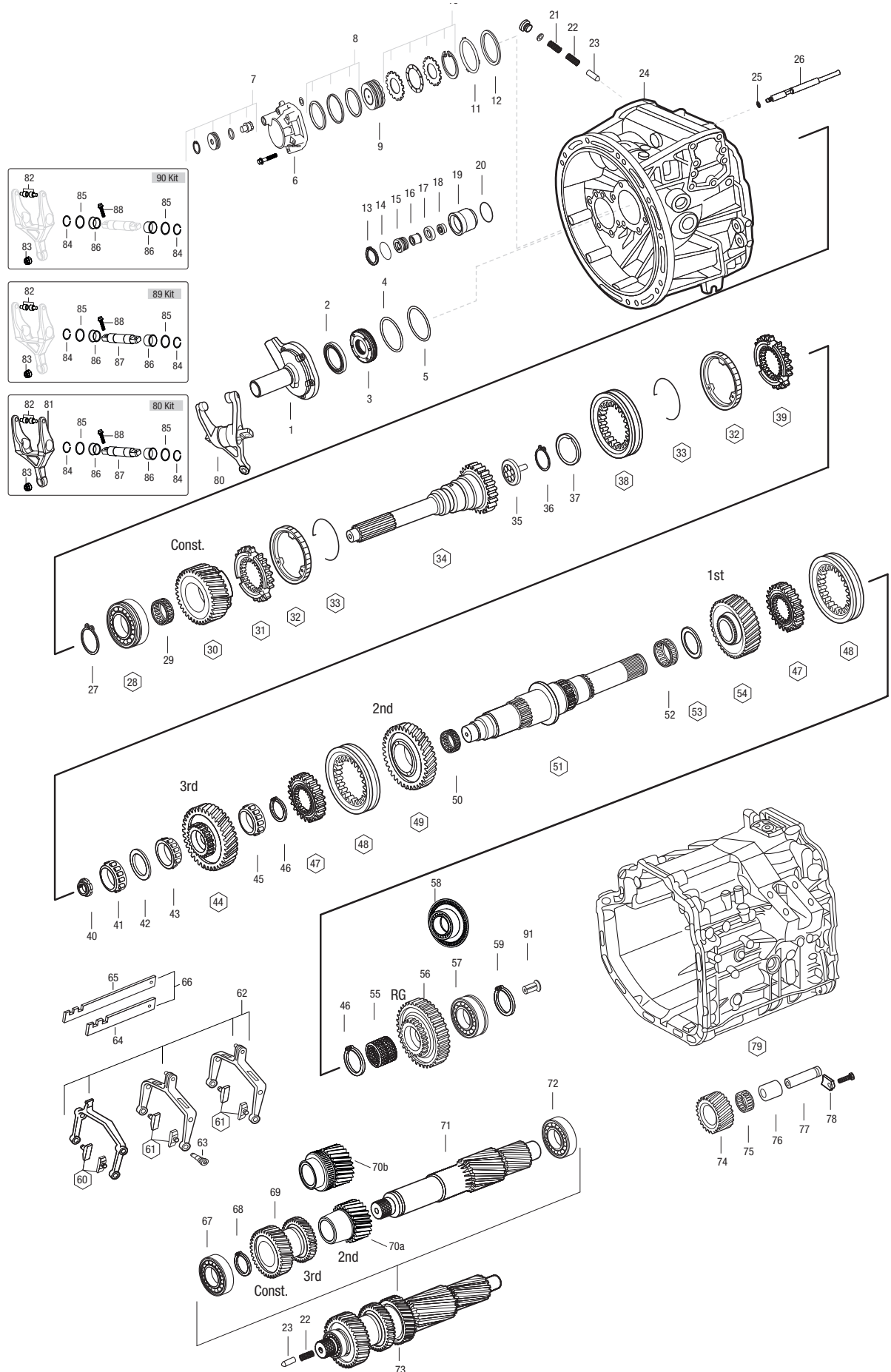


Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes	G281 -12KL				Gearbox
							X1	X2	X3	X4	
39	ULT21.03576	930 262 0034	(930 262 0234)	1	ENGAGING RING		x	x	x	x	
40	ULT21.03432	945 990 0250		1	NUT		x	x	x	x	
41	ULT21.03632	017 981 1305	(020 981 5205)	1	ROLLER BEARING		x	x	x	x	
42	ULT21.04024	389 262 3352		1	THRUST WASHER	2.50mm	x	x	x	x	
42	ULT21.04025	389 262 3252		1	THRUST WASHER	2.00mm	x	x	x	x	
42	ULT21.04026	389 262 3152		1	THRUST WASHER	1.95mm	x	x	x	x	
42	ULT21.04027	389 262 3052		1	THRUST WASHER	1.90mm	x	x	x	x	
42	ULT21.04028	389 262 2952		1	THRUST WASHER	1.85mm	x	x	x	x	
42	ULT21.04092	389 262 2455		1	THRUST WASHER	1.82mm	x	x	x	x	
42	ULT21.04093	389 262 2355		1	THRUST WASHER	1.79mm	x	x	x	x	
42	ULT21.04094	389 262 2255		1	THRUST WASHER	1.76mm	x	x	x	x	
42	ULT21.04095	389 262 2155		1	THRUST WASHER	1.73mm	x	x	x	x	
42	ULT21.04096	389 262 2055		1	THRUST WASHER	1.67mm	x	x	x	x	
42	ULT21.04097	389 262 1955		1	THRUST WASHER	1.64mm	x	x	x	x	
42	ULT21.04098	389 262 1855		1	THRUST WASHER	1.61mm	x	x	x	x	
42	ULT21.04099	389 262 1755		1	THRUST WASHER	1.58mm	x	x	x	x	
42	ULT21.04100	389 262 2352		1	THRUST WASHER	1.55mm	x	x	x	x	
42	ULT21.04101	389 262 1655		1	THRUST WASHER	1.52mm	x	x	x	x	
42	ULT21.04102	389 262 1555		1	THRUST WASHER	1.49mm	x	x	x	x	
42	ULT21.04103	389 262 1455		1	THRUST WASHER	1.46mm	x	x	x	x	
42	ULT21.04104	389 262 1355		1	THRUST WASHER	1.43mm	x	x	x	x	
42	ULT21.04105	389 262 2052		1	THRUST WASHER	1.40mm	x	x	x	x	
42	ULT21.04106	389 262 1952		1	THRUST WASHER	1.35mm	x	x	x	x	
42	ULT21.04107	389 262 2754		1	THRUST WASHER	1.30mm	x	x	x	x	
42	ULT21.04108	389 262 3654		1	THRUST WASHER	1.25mm	x	x	x	x	
42	ULT21.04109	389 262 3554		1	THRUST WASHER	1.20mm	x	x	x	x	
42	ULT21.04110	389 262 3454		1	THRUST WASHER	1.15mm	x	x	x	x	
42	ULT21.04111	389 262 3354		1	THRUST WASHER	1.10mm	x	x	x	x	
42	ULT21.04113	389 262 2854		1	THRUST WASHER	0.50mm	x	x	x	x	
42	ULT21.04113	389 262 2854		1	THRUST WASHER	0.30mm	x	x	x	x	
42	ULT21.04113	389 262 2854		1	THRUST WASHER	0.20mm	x	x	x	x	
42	ULT21.04113	389 262 2854		1	THRUST WASHER	0.10mm	x	x	x	x	
43	ULT21.03620	015 981 6105	(017 981 5105)	1	ROLLER BEARING	50x41,30mm	x	x	x	x	
			(017 981 2305)								
44	ULT21.03580	930 262 3617	(948 262 1210)	1	GEAR 3rd 31 T		x	x	x	x	
45	ULT21.03664	017 981 7105		1	ROLLER BEARING	55x29.80mm	x	x	x	x	
46		387 262 2073		2	RETAINING RING	2.40mm	x	x	x	x	
46		387 262 2273		2	RETAINING RING	2.50mm	x	x	x	x	
46		387 262 2473		2	RETAINING RING	2.60mm	x	x	x	x	
46		387 262 7973		2	RETAINING RING	2.70mm	x	x	x	x	
46		387 262 8173		2	RETAINING RING	2.80mm	x	x	x	x	
							X1, X2, X3, X4 are used in conjunction with the encoded parts.				

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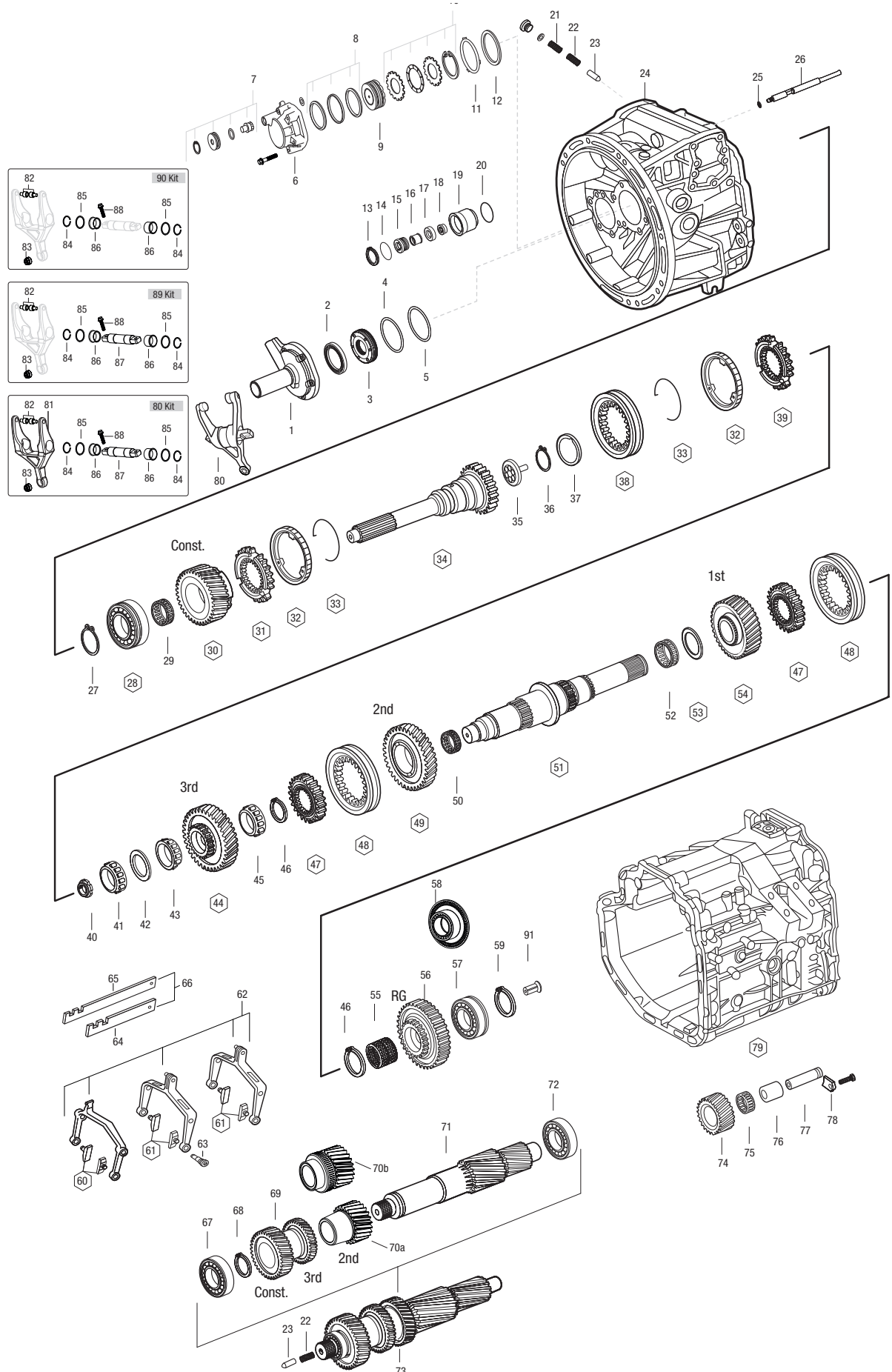


Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes	G281 -12KL				G330 -12KL				Gearbox
							X1	X2	X3	X4	X1	X2	X3	X4	
47	ULT21.03581	945 262 3635	(960 262 3135)	2	GUIDE SLEEVE		x	x	x	x					
			(960 262 2235)												
			(930 262 0835)												
48	ULT21.03582	930 262 0123	(960 262 1523)	2	ENGAGING SLEEVE		x	x	x	x					
49	ULT21.03583	930 262 0112	(948 262 0212)	1	GEAR 2nd 38 T		x	x	x	x					
			(930 262 0612)												
50	ULT21.03859	022 981 8510	(022 981 5810)	1	NEDDLE CAGE	85x93x60mm	x	x	x	x					
			(023 981 5210)												
51	ULT21.03584	930 262 0805	(930 262 2205)	1	MAIN SHAFT		x	x	x	x					
51	ULT21.06331	930 262 0205		1	MAIN SHAFT		x	x	x	x					
52	ULT21.06369	022 981 5910	(022 981 5510)	1	NEEDLE CAGE	85x93x73mm	x	x	x	x					
53	ULT21.03585	389 262 8852		1	THRUST WASHER		x	x	x	x					
54	ULT21.03586	930 262 0511	(930 262 0811)	1	GEAR 1st 41T		x	x	x	x					
			(948 262 0011)												
55	ULT21.03858	022 981 6010	(022 981 5610)	1	NEEDLE CAGE		x	x	x	x					
56	ULT21.03587	930 262 0133	(948 262 0233)	1	REVERSE GEAR 45 T		x			x					
56	ULT21.06330	930 262 0033		1	REVERSE GEAR 45 T			x			x				
57	ULT21.03623	016 981 1305	(014 981 6105)	1	ROLLER BEARING			x			x				
58	ULT21.03661	018 981 6805		1	ROLLER BEARING		x			x					
59		007 994 1841		1	RETAINING RING		x	x	x	x					
60	ULT21.03431	947 265 0349	(389 265 2749)	2	SLIDING PAD		x	x	x	x					
61	ULT21.03565	947 265 0449		4	SLIDING PAD		x	x	x	x					
62		930 260 1230	(930 260 0530)	kit	REPAIR KIT		x	x	x	x					
63	ULT21.04308	960 265 0674	(945 265 1374)	2	SCREW		x	x	x	x					
64		930 265 0304		1	SHIFTING ROD		x	x	x	x					
65		930 265 0404		1	SHIFTING ROD		x	x	x	x					
66		930 260 0231	(930 260 0031)	1	REPAIR KIT		x	x	x	x					
67	ULT21.03606	015 981 9005	(014 981 1405)	1	ROLLER BEARING		x	x	x	x					
			(013 981 0605)												
68	ULT21.06425	389 994 0041		1	RETAINING RING		x	x	x	x					
69	ULT21.06373	930 263 1310		1	DOUBLE GEAR Const./3rd		x	x							
69	ULT21.03600	930 263 1910		1	DOUBLE GEAR Const./3rd						x	x			
70a	ULT21.06420	930 263 0112		1	GEAR 2nd	W/Out Speed Sensor	x	x	x	x					
70b	ULT21.03599	930 263 0812		1	GEAR 2nd	With Speed Sensor	x	x	x	x					
71	ULT21.06341	930 263 0402		1	COUNTER SHAFT		x	x	x	x					
72	ULT21.03668	017 981 2605		1	ROLLER BEARING		x	x	x	x					
73	ULT21.06423	930 260 0024		kit	COUN.SHAFT COMP.	W/Out Speed Sensor	x	x							
73	ULT21.03596	930 260 1724		kit	COUN.SHAFT COMP.	With Speed Sensor	x	x							
73	ULT21.06424	930 260 0124		kit	COUN.SHAFT COMP.	W/Out Speed Sensor					x	x			
73	ULT21.03597	930 260 1824		kit	COUN.SHAFT COMP.	With Speed Sensor					x	x			
74		930 263 0231	(930 263 0031)	1	REV.IDLER GEAR 24 T		x	x	x	x					

X1, X2, X3, X4
are used in
conjunction with the
encoded parts.

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Gearbox

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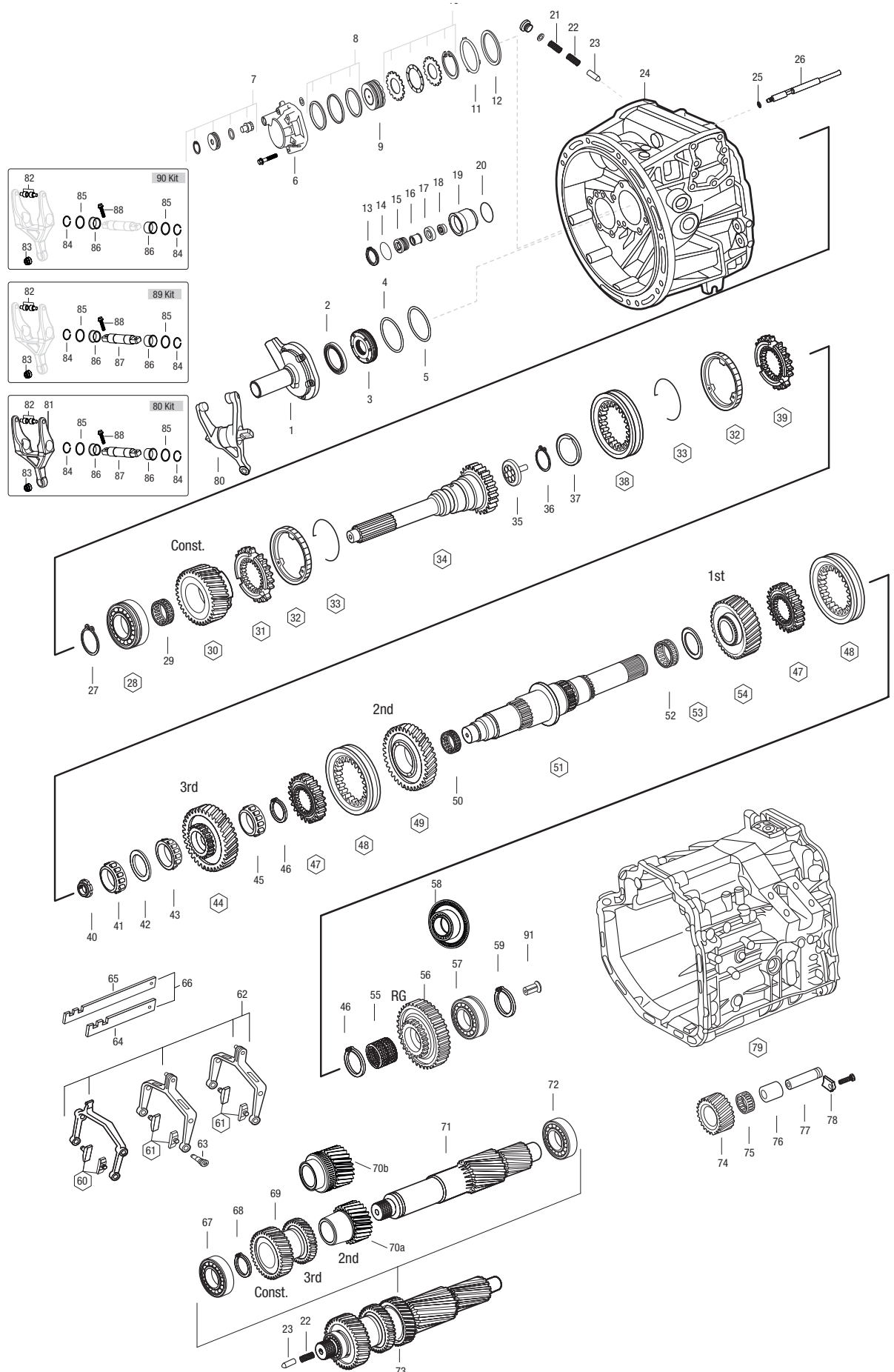
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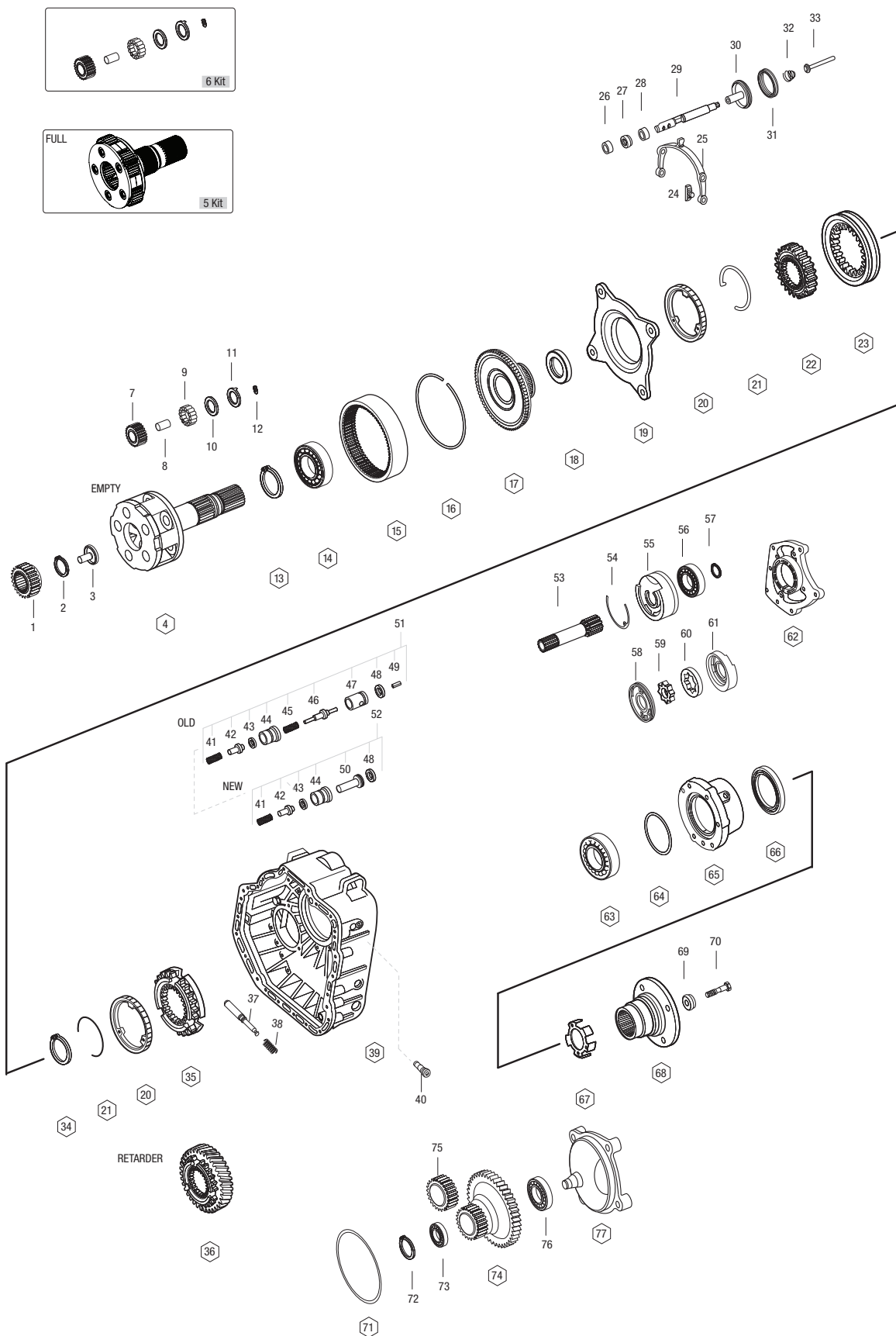
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DETROIT DT12-DA/OA

TRANSMISSION PARTS

IDENTIFICATION GUIDE

Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes	G281 -12KL G330 -12KL		Gearbox
							X1	X2	
1	ULT21.03169	945 262 0909	(389 262 0909)	1	SUN GEAR 25 T		✗	✗	
2	ULT21.04115	000472 060 000		1	SNAP RING		✗	✗	
3	ULT21.03435	945 269 0834	(389 269 4734)	1	OIL TUBE		✗	✗	
4	ULT21.03180	946 260 3561	(946 260 3661)	1	PLANETARY CARRIER	EMPTY	✗	✗	
5	ULT21.06313	945 260 4661		1	PLANETARY CARRIER	FULL	✗	✗	
6	ULT21.03178	946 260 0097	(655 260 0197)	1	PLANETARY GEAR SET		✗	✗	
7	ULT21.03436	945 262 0006		5	PLANETARY GEAR 28T		✗	✗	
8	ULT21.03437	389 262 0407		5	PLANETARY SHAFT		✗	✗	
9	ULT21.03816	000 981 4386	(000 981 4186)	125	NEEDLE ROLLER	4.995x39.60mm	✗	✗	
10	ULT21.04074	389 262 6462	(389 262 0162)	10	THRUST WASHER	35.35x43.90x1.00mm	✗	✗	
11	ULT21.04075	945 262 0162	(389 262 0262)	10	THRUST WASHER	35.35x65.50x1.25mm	✗	✗	
12	ULT21.03418	000914 006 109		5	THREADED PIN	5.90x13.90mm	✗	✗	
13		000472 130 000		1	RETAINING RING		✗	✗	
14	ULT21.03614	008 981 1325		1	ROLLER BEARING	90.0x130.0x14.0mm	✗	✗	
15	ULT21.03449	945 262 0808		1	RING WHEEL 85T		✗	✗	
16	ULT21.04253	389 262 0773		1	LOCK RING		✗	✗	
17	ULT21.03442	930 262 0125	(389 262 1425)	1	CARRIER HUB 85T		✗	✗	
18	ULT21.04076	389 262 0251		1	SPACER RING		✗	✗	
19	ULT21.03037	947 260 3036	(947 260 0836)	1	FOLLOWER RING		✗	✗	
20	ULT21.03185	947 260 0945		2	SYNCHRONIZING CONE		✗	✗	
20	ULT21.06273	947 260 3045		2	SYNCHRONIZING CONE		✗	✗	
21	ULT21.03077	389 262 0293		2	SPRING		✗	✗	
22	ULT21.03079	389 262 4935	(389 262 2035)	1	GUIDE SLEEVE		✗	✗	
23	ULT21.03033	930 262 0623	(945 262 6923)	1	ENGAGING SLEEVE		✗	✗	
24	ULT21.03431	947 265 0349	(389 265 2749)	2	SLIDING PAD		✗	✗	
25	ULT21.06324	947 265 1901	(947 265 1701)	1	SHIFTING FORK		✗	✗	
			(930 265 0001)						
			(389 265 0901)						
			(389 265 0201)						
26	ULT21.04254	000 992 7703	(389 267 2250)	1	BUSHING		✗	✗	
27	ULT21.03523	000 267 0197	(000 267 0397)	1	FLANGE PACKING		✗	✗	
28	ULT21.04178	387 267 0650		1	BUSHING		✗	✗	
29		930 267 0217		1	SHIFTING ROD	RETARDER	✗	✗	
29		945 267 2217	(945 267 2117)	1	SHIFTING ROD		✗	✗	
29		960 267 0617		1	SHIFTING ROD		✗	✗	
30		930 267 0618	(960 267 0118)	1	PISTON		✗	✗	
31	ULT21.03525	024 997 8347	(020 997 6747)	1	SEAL RING		✗	✗	
32	ULT21.04255	008 993 0801		1	SPRING		✗	✗	
33	ULT21.04257	000 543 5785		1	PIN		✗	✗	
34		000471 120 000		1	RETAINING RING		✗	✗	
35	ULT21.03186	945 262 3834		1	ENGAGING RING		✗	✗	

X1, X2
are used in
conjunction with the
encoded parts.

Original parts names, oem numbers, symbols and descriptions used in this catalog are for reference purposes only.

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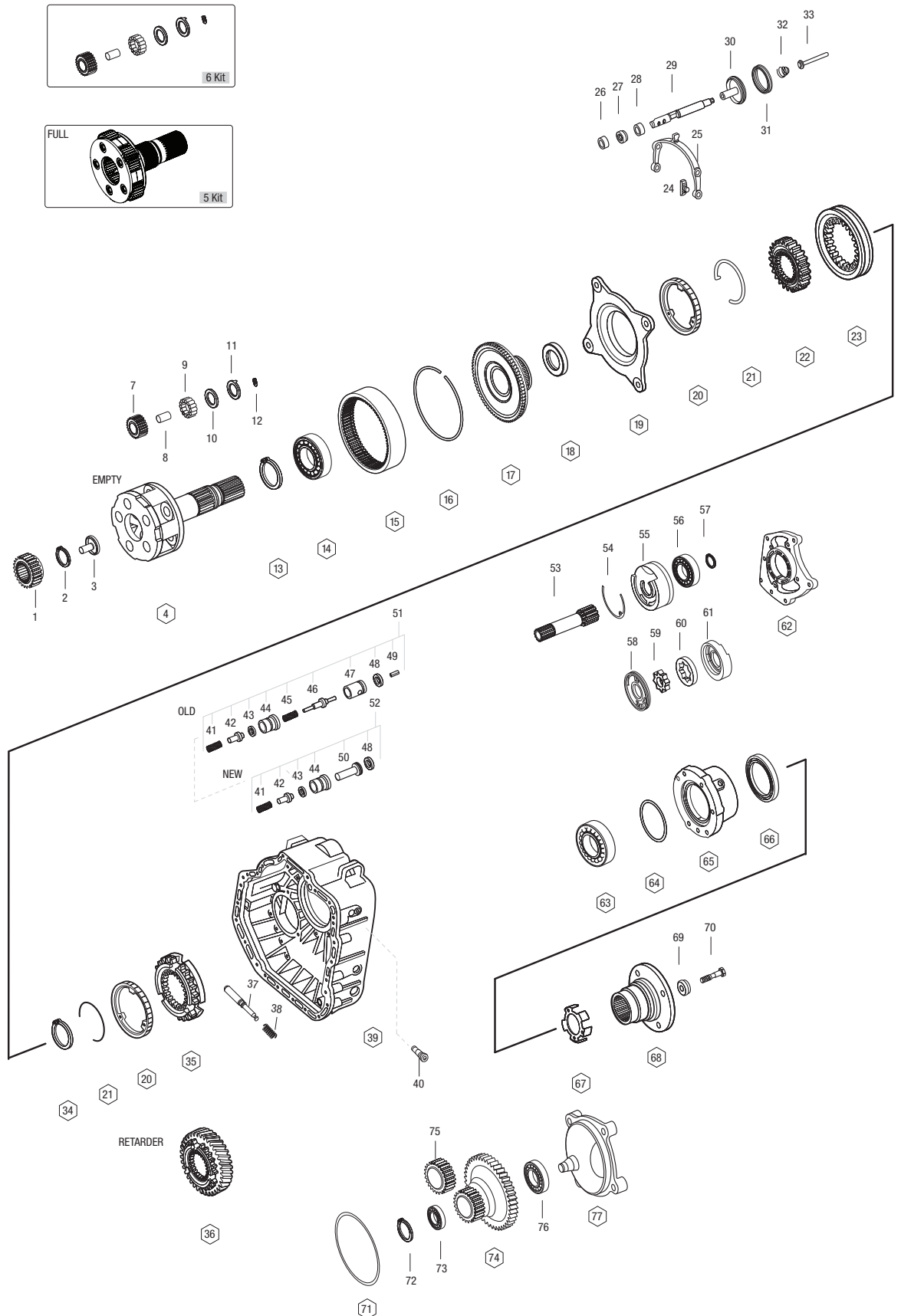


Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes	G281 -12KL G330 -12KL		Gearbox
							X1	X2	
36	ULT21.03188	930 264 0320	(945 264 0520)	1	ENGAGING RING	RETARDER	✗	✗	
37	ULT21.06004	945 267 0274	(389 267 0274)	1	PIN		✗	✗	
38	ULT21.06006	389 993 3401		1	SPRING		✗	✗	
39		930 260 2311		1	HOUSING		✗	✗	
40	ULT21.04307	960 265 0574	(945 265 1274)	2	SCREW		✗	✗	
41	ULT21.06016	389 993 5301		1	SPRING		✗	✗	
42	ULT21.06019	389 269 1026	(389 269 0926)	1	SELECTOR VALVE		✗	✗	
43	ULT21.04210	013 997 0148	(020 997 8348)	1	O-RING	13.30x2.40mm	✗	✗	
44	ULT21.06022	389 269 1444	(389 269 0744)	1	VALVE INSERT		✗	✗	
45		389 993 4401		1	SPRING	11.50x41.90x1.0mm	✗	✗	
46		389 269 0826		1	SELECTOR VALVE		✗	✗	
47		389 269 0844		1	BALL		✗	✗	
48	ULT21.04212	013 997 0048		1	O-RING	19.20x3.0mm	✗	✗	
49		001481 004 001		1	CLAMPING SLEEVE		✗	✗	
50	ULT21.06024	389 265 0176	(389 265 0076)	1	WASHER		✗	✗	
51		655 260 0157		1	VALVE KIT	OLD	✗	✗	
52		960 260 1057		1	VALVE KIT	NEW	✗	✗	
53	ULT21.03198	947 269 1010		1	OIL PUMP SHAFT		✗	✗	
53	ULT21.06298	947 269 1110		1	OIL PUMP SHAFT	RETARDER	✗	✗	
54	ULT21.04304.	389 262 6254		1	SPACER WASHER	0.70mm	✗	✗	
54	ULT21.04304	389 262 6254		1	SPACER WASHER	0.80mm	✗	✗	
54	ULT21.04303	389 262 5954		1	SPACER WASHER	0.90mm	✗	✗	
54	ULT21.04302	389 262 5754		1	SPACER WASHER	1.00mm	✗	✗	
54	ULT21.04301	389 262 5554		1	SPACER WASHER	1.10mm	✗	✗	
54	ULT21.04305	389 262 5354		1	SPACER WASHER	1.20mm	✗	✗	
55	ULT21.03475	389 260 0790		1	OIL PUMP		✗	✗	
56	ULT21.03613	004 981 8625		1	ROLLER BEARING	45x75x16mm	✗	✗	
57		000471 045 000		1	RETAINING RING		✗	✗	
58	ULT21.03412	945 269 0201		1	OIL PUMP COVER		✗	✗	
58	ULT21.03558	947 264 0287		1	OIL PUMP COVER		✗	✗	
59	ULT21.03413	389 269 1506	(389 269 1406)	1	OIL PUMP GEAR	PTO	✗	✗	
60	ULT21.03414	389 269 1206	(389 269 0706)	1	ROTOR		✗	✗	
61	ULT21.03478	947 269 1001	(947 269 0501)	1	OIL PUMP COVER		✗	✗	
62	ULT21.03566	945 261 1033		1	COVER	(PTO)	✗	✗	
63	ULT21.03625	008 981 5225	(008 981 3025)	1	ROLLER BEARING	80x150x28mm	✗	✗	
64		015 997 2848		1	O-RING	149.50x3mm	✗	✗	
65	ULT21.06238	389 261 2020		1	COVER		✗	✗	
65	ULT21.06239	930 261 0520	(930 261 0420)	1	COVER	RETARDER	✗	✗	
66	ULT21.03512	023 997 1647		1	OIL SEAL	95.0x115.0x15.50mm	✗	✗	
67		930 262 1428		1	PULSE STAR		✗	✗	
68	ULT21.03211	930 262 0045		1	OMPANION FLANGE	4-H, Ø180mm	✗	✗	

X1, X2
are used in
conjunction with the
encoded parts.

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Gearbox

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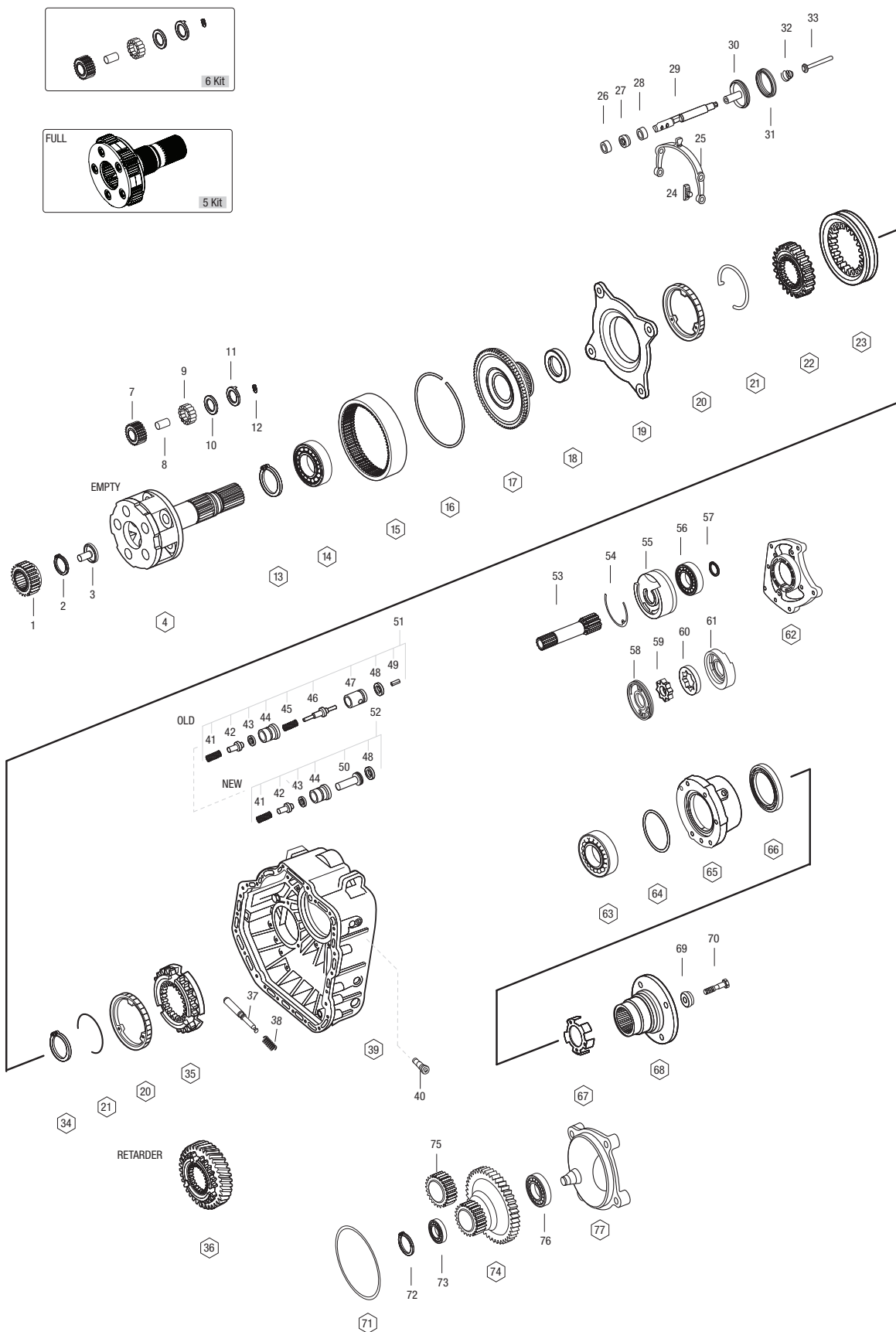
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Main Shaft Complete
NEW

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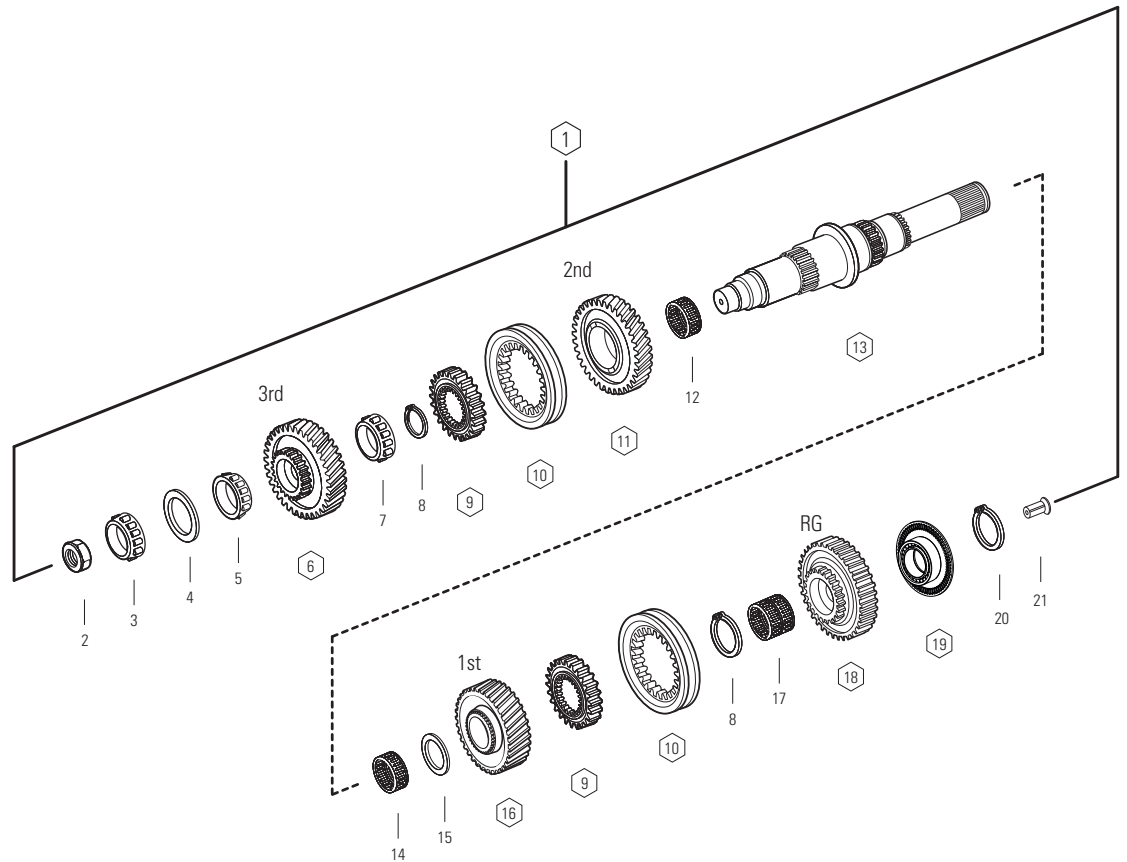


Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.06368	2106368		Kit	MAIN SHAFT COMPLETE	
2	ULT21.03432	945 990 0250		1	NUT	
3	ULT21.03632	017 981 1305	(015 981 8505)	1	ROLLER BEARING	
4	ULT21.04025	389 262 3252		1	THRUST WASHER	2.00 mm
5	ULT21.03620	015 981 6105	(017 981 5105)	1	ROLLER BEARING	50.0X41.3mm
6	ULT21.03580	930 262 3617	(948 262 1210)	1	GEAR 3rd 31 T	
7	ULT21.03664	017 981 7105		1	ROLLER BEARING	55.0X29.8mm
8		387 262 7973		2	RETAINING RING	2.70 mm
9	ULT21.03581	945 262 3635	(930 262 0835)	2	GUIDE SLEEVE	
10	ULT21.03582	930 262 0123	(960 262 1523)	2	ENGAGING SLEEVE	
11	ULT21.03583	930 262 0112	(948 262 0212)	1	GEAR 2nd 38 T	
12	ULT21.03859	022 981 8510	(022 981 5810)	1	NEEDLE CAGE	85.0X93.0X60.0mm
13	ULT21.03584	930 262 0805	(930 262 2205)	1	MAIN SHAFT	
14	ULT21.06369	022 981 5910	(021 981 5510)	1	NEEDLE CAGE	85.0X93.0X73.0mm
15	ULT21.04285	389 262 8852		1	THRUST WASHER	
16	ULT21.03586	930 262 0511	(930 262 0811)	1	GEAR 1st 41 T	
17	ULT21.03858	022 981 6010	(022 981 5610)	1	NEEDLE CAGE	
18	ULT21.03587	930 262 0133	(948 262 0233)	1	REVERSE GEAR 45 T	
19	ULT21.03666	018 981 6805		1	ROLLER BEARING	
20	ULT21.04331	007 994 1841		1	RETAINING RING	
21		001 990 2759		1	OIL PIPE	

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Main Shaft Complete
OLD

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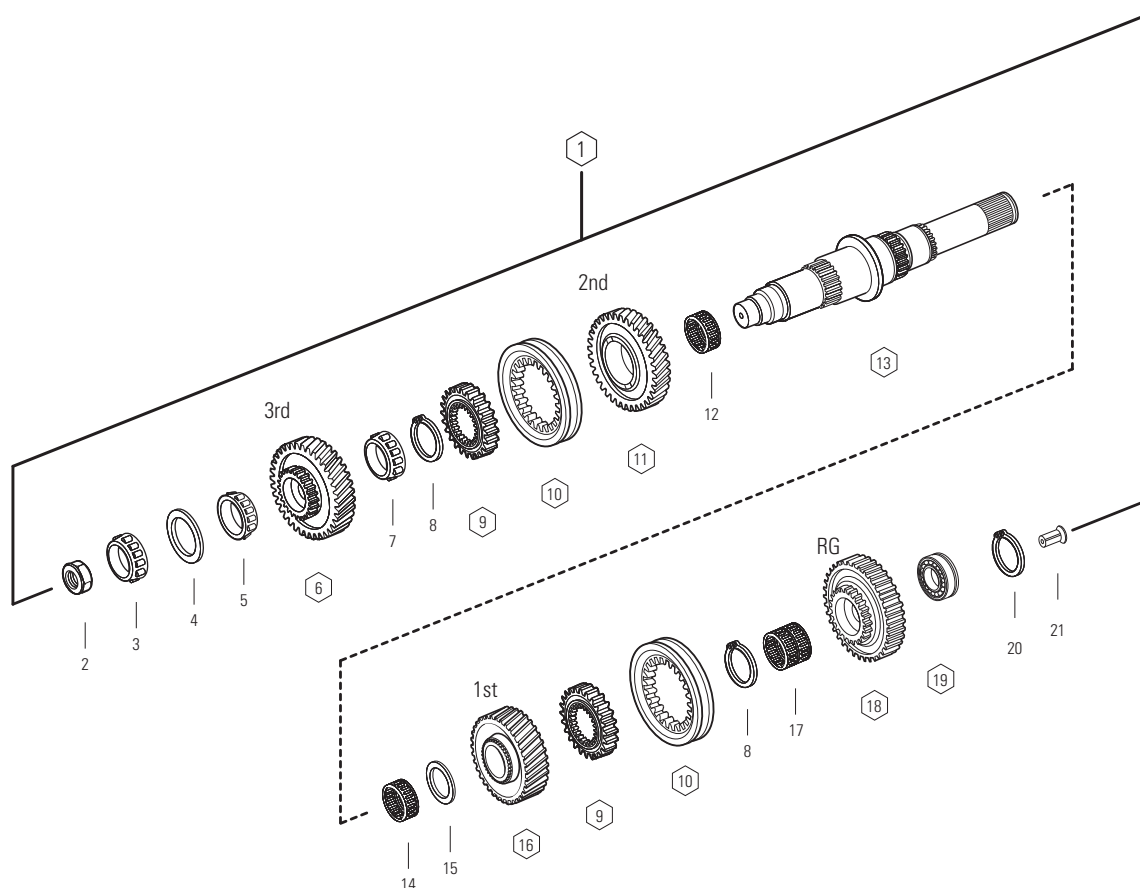


Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.06370	2106370		Kit	MAIN SHAFT COMPLETE	
2	ULT21.03432	945 990 0250		1	NUT	
3	ULT21.03632	017 981 1305	(015 981 8505)	1	ROLLER BEARING	
4	ULT21.04025	389 262 3252		1	THRUST WASHER	2.00 mm
5	ULT21.03620	017 981 2305	(017 981 5105)	1	ROLLER BEARING	50.0X41.3mm
6	ULT21.03580	930 262 3617	(948 262 1210)	1	GEAR 3rd 31 T	
7	ULT21.03664	017 981 7105		1	ROLLER BEARING	55.0X29.8mm
8	ULT21.04344	387 262 7973		2	RETAINING RING	2.70 mm
9	ULT21.03581	945 262 3635	(930 262 0835)	2	GUIDE SLEEVE	
10	ULT21.03582	930 262 0123		2	ENGAGING SLEEVE	
11	ULT21.03583	930 262 0112	(948 262 0212)	1	GEAR 2nd 38 T	
12	ULT21.03859	022 981 8510	(022 981 5810)	2	NEEDLE CAGE	85.0X93.0X60.0mm
13	ULT21.06331	930 262 0205		1	MAIN SHAFT	
14	ULT21.06369	022 981 5910	(021 981 5510)	1	NEEDLE CAGE	85.0X93.0X73.0mm
15	ULT21.04285	389 262 8852		1	THRUST WASHER	
16	ULT21.03586	930 262 0511	(930 262 0811)	1	GEAR 1st 41 T	
17	ULT21.03858	022 981 6010	(022 981 5610)	1	NEEDLE CAGE	
18	ULT21.06330	930 262 0033		1	REVERSE GEAR 45 T	
19	ULT21.03623	016 981 1305	(014 981 6105)	1	ROLLER BEARING	
20	ULT21.04331	007 994 1841		1	RETAINING RING	
21		001 990 2759		1	OIL PIPE	

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Input Shaft Complete

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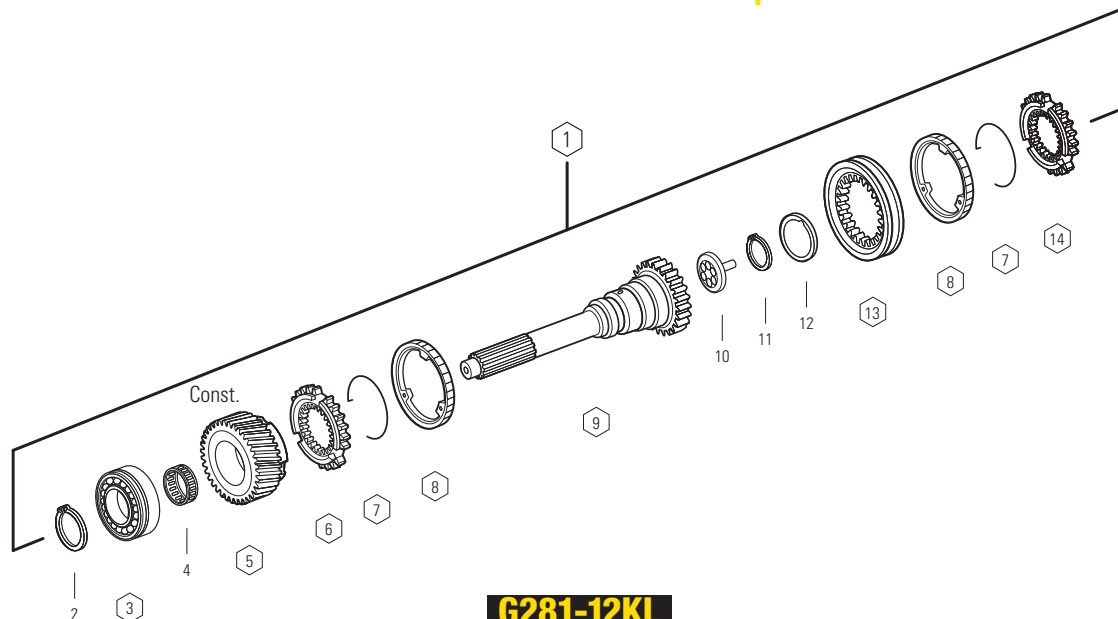
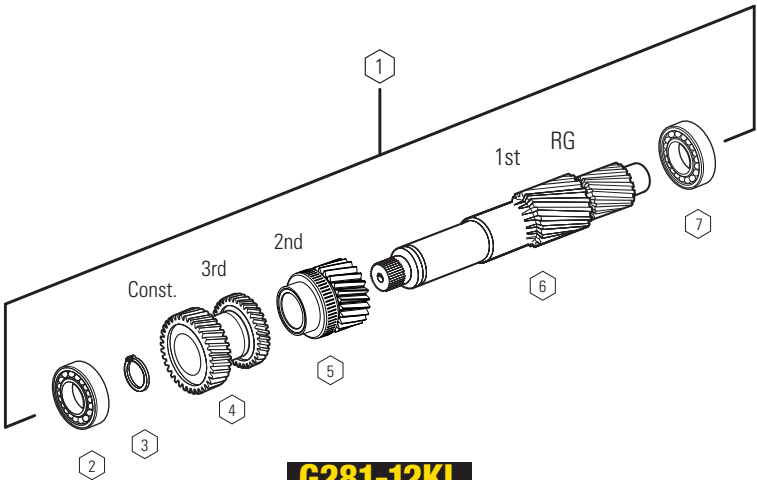
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Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.06371	2106371		Kit	INPUT SHAFT COMPLETE	
2		387 262 8773		1	RETAINING RING	3.20 mm
3	ULT21.03618	014 981 9005	(011 981 1305)	1	ROLLER BEARING	
4	ULT21.03855	022 981 7910	(022 981 5310)	1	NEEDLE CAGE	
5	ULT21.03574	930 262 0717		1	CONSTANT GEAR 29 T	
6	ULT21.03146	945 262 8234	(945 262 5434)	1	ENGAGING RING	
7	ULT21.03055	387 262 0893		2	SPRING	
8	ULT21.03148	947 260 4645	(947 260 1945)	2	SYNCHRONIZING CONE	199.0mm
9	ULT21.03575	930 262 0403	(948 262 0202)	1	INPUT SHAFT	
10	ULT21.04001	976 269 0034		1	OIL PIPET	
11	ULT21.04002	000 994 9841		1	RETAINING RING	
12	ULT21.03513	000 262 9062	(000 262 8662)	1	OIL SEAL	
13	ULT21.03151	945 262 6523	(930 262 0523)	1	ENGAGING SLEEVE	
14	ULT21.03576	930 262 0034		1	ENGAGING RING	

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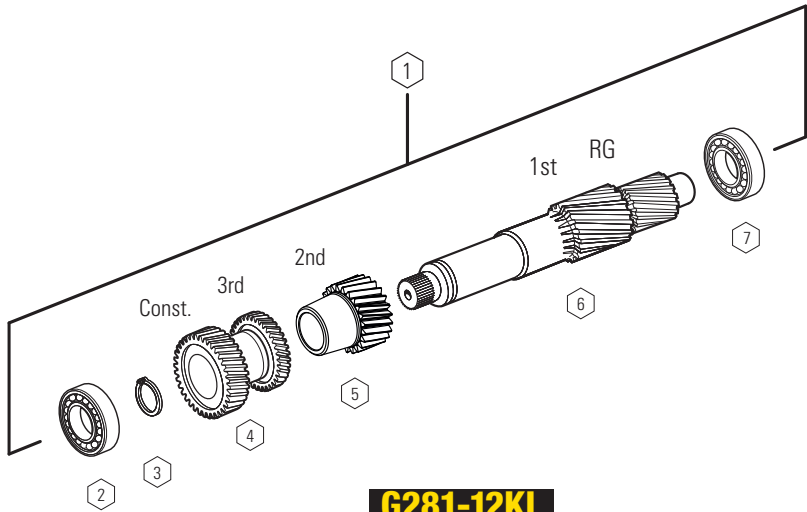
Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.03577	2103577		Kit	INPUT SHAFT COMPLETE	
2		387 262 8773		1	RETAINING RING	3.20 mm
3	ULT21.03618	014 981 9005	(011 981 1305)	1	ROLLER BEARING	
4	ULT21.03855	022 981 7910	(022 981 5310)	1	NEEDLE CAGE	
5	ULT21.03578	930 262 1717		1	CONSTANT GEAR 40 T	
6	ULT21.03146	945 262 8234	(945 262 5434)	1	ENGAGING RING	
7	ULT21.03055	387 262 0893		2	SPRING	
8	ULT21.03148	947 260 4645	(947 260 1945)	2	SYNCHRONIZING CONE	199.0mm
9	ULT21.03575	930 262 0403	(948 262 0202)	1	INPUT SHAFT	
10	ULT21.04001	976 269 0034		1	OIL PIPET	
11	ULT21.04002	000 994 9841		1	RETAINING RING	
12	ULT21.03513	000 262 9062	(000 262 8662)	1	OIL SEAL	
13	ULT21.03151	945 262 6523	(930 262 0523)	1	ENGAGING SLEEVE	
14	ULT21.03576	930 262 0034		1	ENGAGING RING	

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Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.03596	930 260 1724		Kit	COUNTER SHAFT COMPLETE	
2	ULT21.03606	015 981 9005	(014 981 1405)	1	ROLLER BEARING	
3	ULT21.06425	389 994 0041		1	RETAINING RING	
4	ULT21.06373	930 263 1310		1	DOUBLE GEAR	
5	ULT21.03599	930 263 0812		1	GEAR 2nd (with speed sensor)	
6	ULT21.06341	930 263 0402		1	COUNTER SHAFT	
7	ULT21.03668	017 981 2605		1	ROLLER BEARING	



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Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.06423	930 260 0024		Kit	COUNTER SHAFT COMPLETE	
2	ULT21.03606	015 981 9005	(014 981 1405)	1	ROLLER BEARING	
3	ULT21.06425	389 994 0041		1	RETAINING RING	
4	ULT21.06373	930 263 1310		1	DOUBLE GEAR	
5	ULT21.06420	930 263 0112		1	GEAR 2nd (W/Out speed sensor)	
6	ULT21.06341	930 263 0402		1	COUNTER SHAFT	
7	ULT21.03668	017 981 2605		1	ROLLER BEARING	

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Counter Shaft
Complete
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 Counter Shaft
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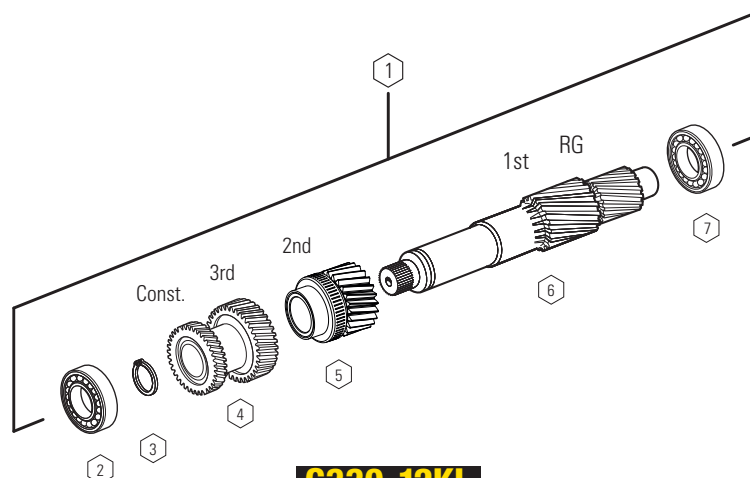

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Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.03597	930 260 1824		Kit	COUNTER SHAFT COMPLETE	
2	ULT21.03606	015 981 9005	(014 981 1405)	1	ROLLER BEARING	
3	ULT21.06425	389 994 0041		1	RETAINING RING	
4	ULT21.03600	930 263 1910		1	DOUBLE GEAR	
5	ULT21.03599	930 263 0812		1	GEAR 2nd (with speed sensor)	
6	ULT21.06341	930 263 0402		1	COUNTER SHAFT	
7	ULT21.03668	017 981 2605		1	ROLLER BEARING	

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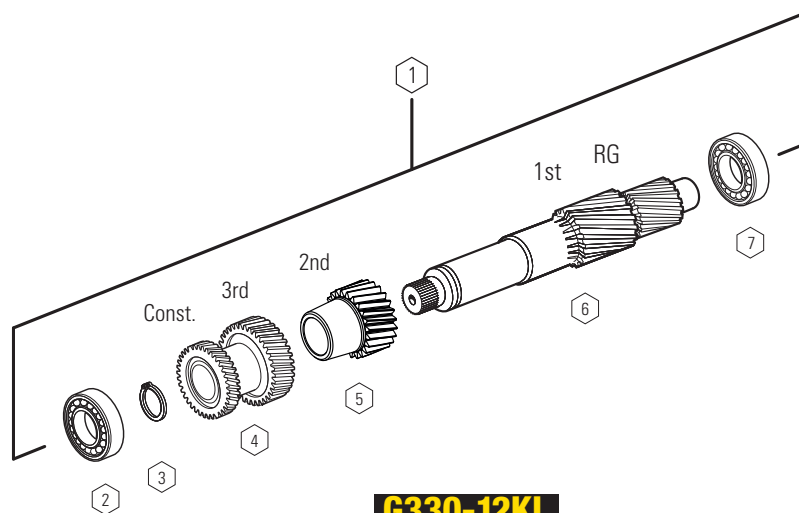
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Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.06424	930 260 0124		Kit	COUNTER SHAFT COMPLETE	
2	ULT21.03606	015 981 9005	(014 981 1405)	1	ROLLER BEARING	
3	ULT21.06425	389 994 0041		1	RETAINING RING	
4	ULT21.03600	930 263 1910		1	DOUBLE GEAR	
5	ULT21.06420	930 263 0112		1	GEAR 2nd (W/Out speed sensor)	
6	ULT21.06341	930 263 0402		1	COUNTER SHAFT	
7	ULT21.03668	017 981 2605		1	ROLLER BEARING	

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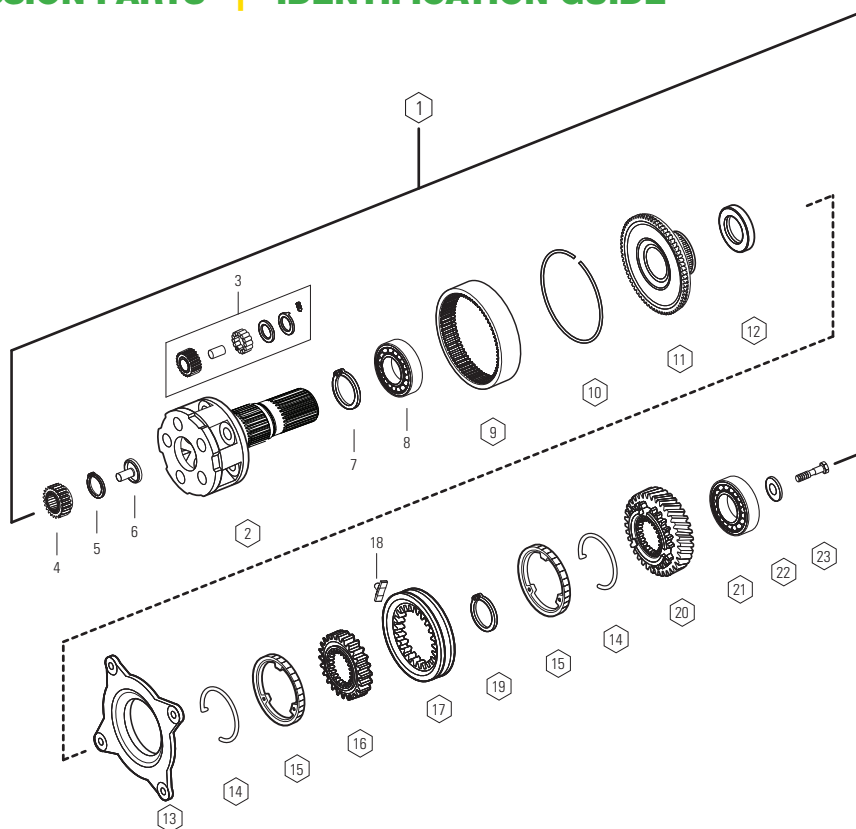


Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.06384	2106384		kit	PLANETARY CARRIER COMPLETE	
2	ULT21.03180	946 260 3561	(946 260 3661) (945 260 4561)	1	PLANETARY CARRIER (EMPTY)	
3	ULT21.03178	946 260 0097	(655 260 0197)	1	PLANETARY GEAR SET	
4	ULT21.03169	945 262 0909	(389 262 0809) (389 262 0909)	1	SUN GEAR 25 T	
5	ULT21.04115	000472 060 000		1	SNAP RING	
6	ULT21.03435	945 269 0834	(389 269 4734)	1	OIL TUBE	
7		000472 130 000		1	RETAINING RING	90.0X130.0X14.0mm
8	ULT21.03614	008 981 1325		1	ROLLER BEARING	
9	ULT21.03449	945 262 0808		1	RING WHEEL 85 T	
10	ULT21.04253	389 262 0773		1	LOCK RING	
11	ULT21.03442	930 262 0125	(930 262 1425)	1	CARRIER HUB 85 T	
12	ULT21.04076	389 262 0251		1	SPACER RING	
13	ULT21.03037	947 260 3036	(389 262 0836)	1	FOLLOWER RING	
14	ULT21.03077	389 262 0293		2	SPRING	
15	ULT21.03185	947 260 0945		2	SYNCHRONIZING CONE	
16	ULT21.03079	389 262 4935	(389 262 2035)	1	GUIDE SLEEVE	
17	ULT21.03033	930 262 0623	(945 262 6923)	1	ENGAGING SLEEVE	
18	ULT21.03431	947 265 0349	(389 265 2749)	2	SLIDING PAD	
19		000471 120 000		1	RETAINING RING	
20	ULT21.03188	930 264 0320	(945 264 0520)	1	ENGAGING RING	RETARDER
21	ULT21.03625	008 981 5225	(008 981 3025)	1	ROLLER BEARING	80.0X150.0X28.0mm
22	ULT21.04214	945 262 0062	(389 262 0362)	1	THRUST WASHER	
23	ULT21.06028	945 990 0019	(389 990 2019)	1	SCREW	

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Planetary Carrier
Complete

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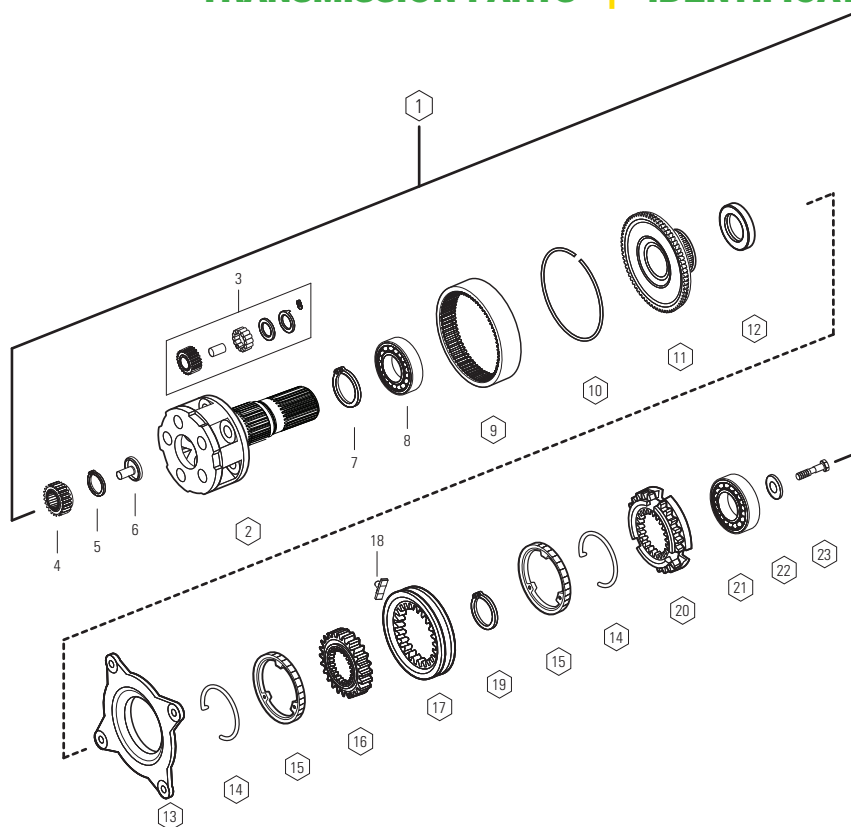
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Fig.	ULT No.	OEM No.	OEM Old No.	Pcs.	Description	Sizes
1	ULT21.03554	2103554		kit	PLANETARY CARRIER COMPLETE	
2	ULT21.03180	946 260 3561	(946 260 3661) (945 260 4561)	1	PLANETARY CARRIER (EMPTY)	
3	ULT21.03178	946 260 0097	(655 260 0197)	1	PLANETARY GEAR SET	
4	ULT21.03169	945 262 0909	(389 262 0809) (389 262 0909)	1	SUN GEAR 25 T	
5	ULT21.04115	000472 060 000		1	SNAP RING	
6	ULT21.03435	945 269 0834	(389 269 4734)	1	OIL TUBE	
7		000472 130 000		1	RETAINING RING	
8	ULT21.03614	008 981 1325		1	ROLLER BEARING	90.0X130.0X14.0mm
9	ULT21.03449	945 262 0808		1	RING WHEEL 85 T	
10	ULT21.04253	389 262 0773		1	LOCK RING	
11	ULT21.03442	930 262 0125	(930 262 1425)	1	CARRIER HUB 85 T	
12	ULT21.04076	389 262 0251		1	SPACER RING	
13	ULT21.03037	947 260 3036	(389 262 0836)	1	FOLLOWER RING	
14	ULT21.03077	389 262 0293		2	SPRING	
15	ULT21.03185	947 260 0945		2	SYNCHRONIZING CONE	
16	ULT21.03079	389 262 4935	(389 262 2035)	1	GUIDE SLEEVE	
17	ULT21.03033	930 262 0623	(945 262 6923)	1	ENGAGING SLEEVE	
18	ULT21.03431	947 265 0349	(389 265 2749)	2	SLIDING PAD	
19		000471 120 000		1	RETAINING RING	
20	ULT21.03186	945 262 3834		1	ENGAGING RING	
21	ULT21.03625	008 981 5225	(008 981 3025)	1	ROLLER BEARING	80.0X150.0X28.0mm
22	ULT21.04214	945 262 0062	(389 262 0362)	1	THRUST WASHER	
23	ULT21.06028	945 990 0019	(389 990 2019)	1	SCREW	

Original parts names, oem numbers, symbols and descriptions used in this catalog are for reference purposes only.