

Adattabile a : **SCANIA GRS(O)900-GRS(O)900R (W/Retarder)**
 Suitable To :

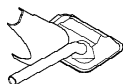
Oil Seal & Gasket Kit
89 - 90 - 91



Oil Pump
84



Oil Filter
85

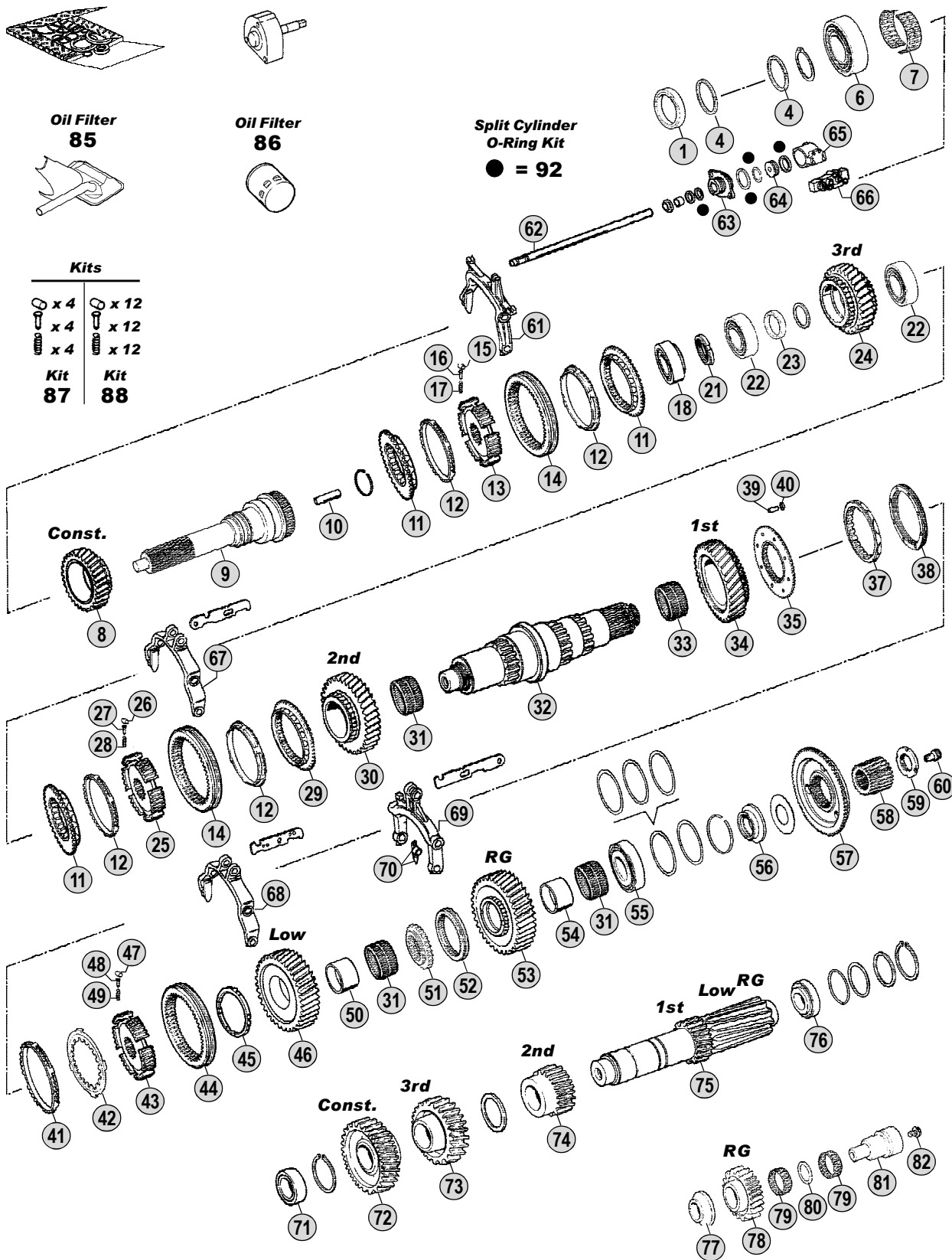


Oil Filter
86



Split Cylinder
O-Ring Kit
 ● = 92

Kits	
x 4	x 12
x 4	x 12
x 4	x 12
Kit 87	Kit 88



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Models

Serie 4 - Serie P - Serie R

94C/D/G/L - 114C/G/L/ - 124C/G/L - 144C/G/L - 164(480)C/G/L

P/R380 - P/R420 - P/R480 - P/R500 - P/R560 - P/R620



Fig.	CEI no.	Rif. SCANIA	Description	Q.ty	Note	GRS(O)900	GRS(O)900R		
1	139.567	1318388	Oil Seal 55x75x9	1		●	●		
4	139.582	1515004	Ring	2		●	●		
6	130.528	1327878	Bearing D.65x150x40	1	Oem	●	●		
6	530.528	1327878	Bearing D.65x150x40	1	A.Market	●	●		
7	137.169	372778	Needle Cage 92X100X44	1		●	●		
8	145.717	1393882	Constant Gear 36 T	1		●	●		
9	102.264	1377307	Input Shaft	1		●	●		
9	102.334	1378579	Input Shaft	1	EK-PTO	●	●		
10	189.502	315060	Oil tube	1		●	●		
11	109.167	1116475	Synchronizer Cone	3		●	●		
12	119.145	1382465	Synchronizer Ring	4	(A)	●	●		
12	119.236	1756447	Synchronizer Ring	4	(B)	●	●		
13	157.552	1376499	Synchronizer Hub	1		●	●		
14	154.194	369906	Sliding Sleeve	2	(A)	●	●		
14	154.386	1529939	Sliding Sleeve	2	(B)	●	●		
15	160.198	374334	Roller	4		●	●		
16	160.199	369910	Pin	4		●	●		
17	156.177	369911	Spring	4		●	●		
18	130.821	1548817	Bearing 40x85x33	1		●	●		
21	187.647	1461414	Nut	1		●	●		
22	130.531	1548056	Bearing	2		●	●		
23	111.238	1302731	Spacer T.9,50 mm	1		●	●		
23	111.239	1302732	Spacer T.9,52 mm	1		●	●		
23	111.240	1302733	Spacer T.9,54 mm	1		●	●		
23	111.241	1302734	Spacer T.9,56 mm	1		●	●		
23	111.242	1302735	Spacer T.9,58 mm	1		●	●		
24	145.511	1367794	Gear 3rd Speed 32 T	1		●	●		
25	157.553	1405981	Synchronizer Hub	1		●	●		
26	160.198	374334	Roller	4		●	●		
27	160.199	369910	Pin	4		●	●		
28	156.177	369911	Spring	4		●	●		
29	109.165	1116477	Synchronizer Cone	1		●	●		
30	145.512	1116461	Gear 2nd Speed 35 T	1		●	●		
31	137.170	378628	Needle Cage D.80x88x40	3		●	●		
32	103.136	1382978	Main Shaft	1		●	●		
33	137.171	378616	Needle Cage D.80x88x55	1		●	●		
34	145.575	1393876	Gear 1st Speed 44 T	1		●	●		
35	109.166	1300061	Synchronizer Cone	1		●	●		
37	119.203	1438526	Synchronizer Ring	1		●	●		
38	119.147	1383895	Intermediate Synchro Ring	1	(A)	●	●		
38	119.235	1466318	Intermediate Synchro Ring	1	(B)	●	●		
39	160.193	1340002	Pin	8		●	●		
40	111.197	383138	Lock Ring	8		●	●		
41	119.146	1401620	Synchronizer Ring	1	(A)	●	●		
41	119.202	1529950	Synchronizer Ring	1	(B)	●	●		

Notes

(A) Standard Generation. Use items marked (A) together.

(B) LATEST GENERATION. Use items marked (B) together.

(*) Old and New Gen. Can be replaced by Synchro rebuilt kit 298.188 (Latest Gen.) shown in the next table.

(@) LATEST GENERATION. To be coupled together

Date

05 / 2010

Table

Adattabile a : **SCANIA GRS(O)900-GRS(O)900R (W/Retarder)**
 Suitable To :

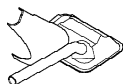
Oil Seal & Gasket Kit
89 - 90 - 91



Oil Pump
84



Oil Filter
85

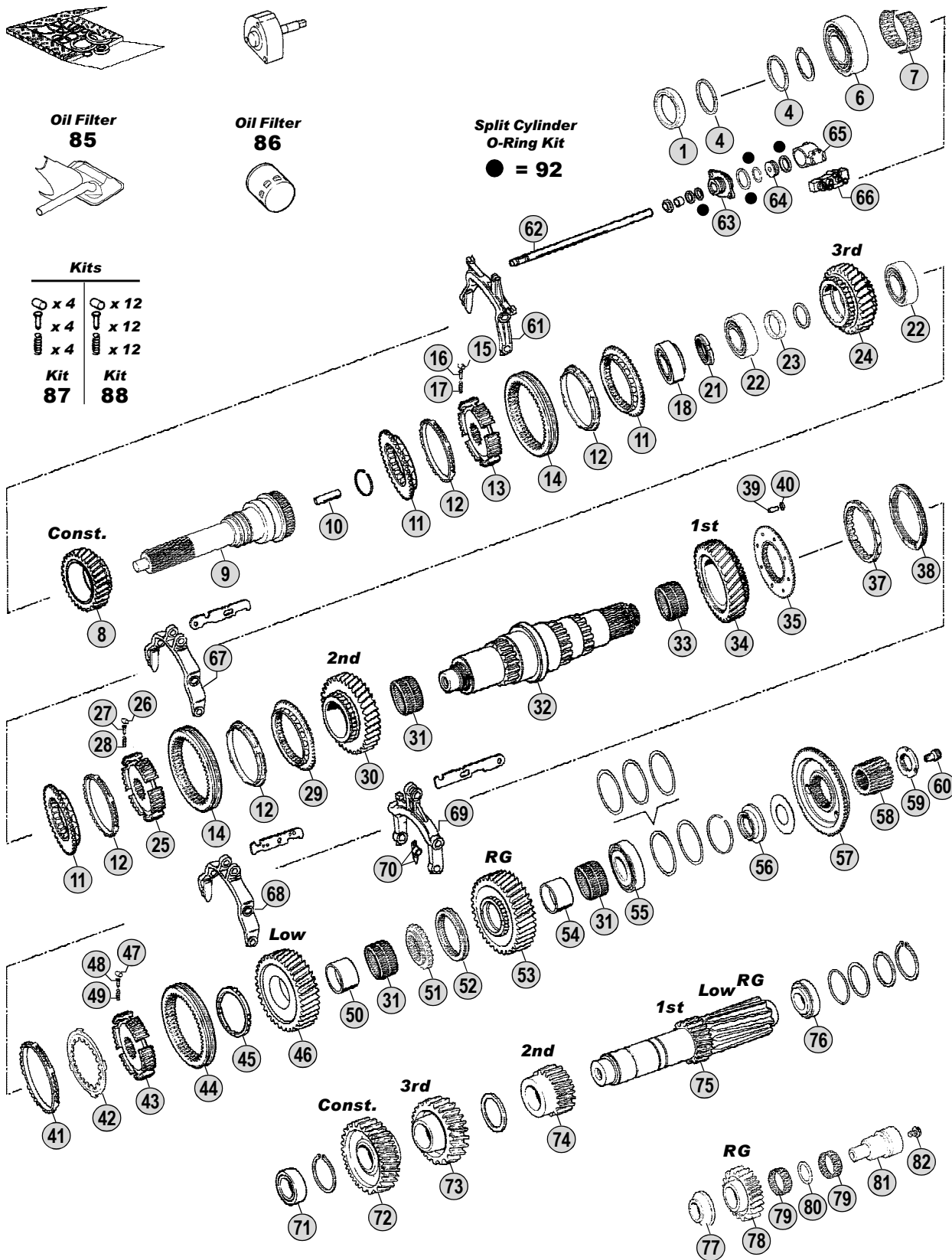


Oil Filter
86



Split Cylinder
O-Ring Kit
 ● = 92

Kits	
x 4	x 12
x 4	x 12
x 4	x 12
Kit 87	Kit 88



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Models

Serie 4 - Serie P - Serie R

94C/D/G/L - 114C/G/L/ - 124C/G/L - 144C/G/L - 164(480)C/G/L

P/R380 - P/R420 - P/R480 - P/R500 - P/R560 - P/R620



Fig.	CEI no.	Rif. SCANIA	Description	Q.ty	Note	GRS(O)900	GRS(O)900R		
42	169.740	1401622	Driver Plate	1	(A)	●	●		
42	169.848	1533848	Driver Plate	1	(B)	●	●		
43	157.553	1405981	Synchronizer Hub	1		●	●		
44	154.196	371692	Sliding Sleeve	1	(A)	●	●		
44	154.386	1529939	Sliding Sleeve	1	(B)	●	●		
45	111.237	395759	Ring	1		●	●		
46	145.577	1394865	Gear Low Speed 40 T	1		●	●		
47	160.198	374334	Roller	4		●	●		
48	160.199	369910	Pin	4		●	●		
49	156.177	369911	Spring	4		●	●		
50	117.366	1304852	Bush	1		●	●		
51	157.668	378627	Fixed Hub	1		●	●		
52	154.330	378646	Sliding Sleeve	1		●	●		
53	147.208	378633	Reverse Gear 36 T	1		●	●		
54	117.365	1304853	Bush	1		●	●		
55	130.528	1327878	Bearing D.65x150x40	1	Oem	●	●		
55	530.528	1327878	Bearing D.65x150x40	1	A.Market	●	●		
56	169.910	1113910	Spacer	1		●	●		
57	109.190	1304850	Synchronizer Cone	1	(*) Old Generation	●	●		
57	109.420	1789444	Synchronizer Cone	1	(*) New Generation	●	●		
57	109.755	1883354	Synchronizer Cone	1	(@) Latest Generation	●	●		
58	157.549	1459308	Sun Gear 24 T	1		●			
58	157.554	1459309	Sun Gear 24 T	1			●		
59	187.648	1461417	Nut	1		●			
59	187.649	1461416	Nut	1			●		
60	189.617	1387297	Oil Plug	1		●	●		
61	198.845	1335671	Fork	1		●	●		
62	149.261	1335174	Rod	1		●	●		
63	132.059	1305977	Intermediate Element	1		●	●		
64	189.620	1337894	Piston	1		●	●		
65	132.060	1345149	Cylinder	1		●	●		
66	280.548	1488083	Solenoid Valve	1		●	●		
67	141.171	1327286	Fork	1		●	●		
68	141.178	1479151	Fork	1		●	●		
69	141.180	1305971	Fork	1		●	●		
70	141.179	1423958	Slide	2		●	●		
71	130.295	1903570	Bearing D.50x100x37,65	1	Oem	●	●		
71	530.295	1903570	Bearing D.50x100x37,65	1	A.Market	●	●		
72	146.532	1393884	Constant gear 31 T	1		●	●		
73	146.430	1367796	Gear 3rd Speed 34 T	1		●	●		
74	146.497	1116473	Gear 2nd Speed 24 T	1		●	●		
75	105.126	1393880	Countershaft 19/12 T	1		●	●		
76	130.532	1357711	Bearing 60X130X33,5	1	Oem	●	●		
76	530.532	1357711	Bearing 60X130X33,5	1	A.Market	●	●		
77	169.907	378614	Washer	1		●	●		

Notes

(A) Standard Generation. Use items marked (A) together.

(B) LATEST GENERATION. Use items marked (B) together.

(*) Old and New Gen.Can be replaced by Synchro rebuilt kit 298.188 (Latest Gen.) shown in the next table.

(@) LATEST GENERATION. To be coupled together

Date

05 / 2010

Table

Adattabile a : **SCANIA GRS(O)900-GRS(O)900R (W/Retarder)**
 Suitable To :

Oil Seal & Gasket Kit
89 - 90 - 91



Oil Pump
84



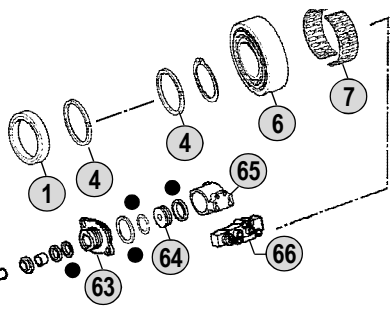
Oil Filter
85



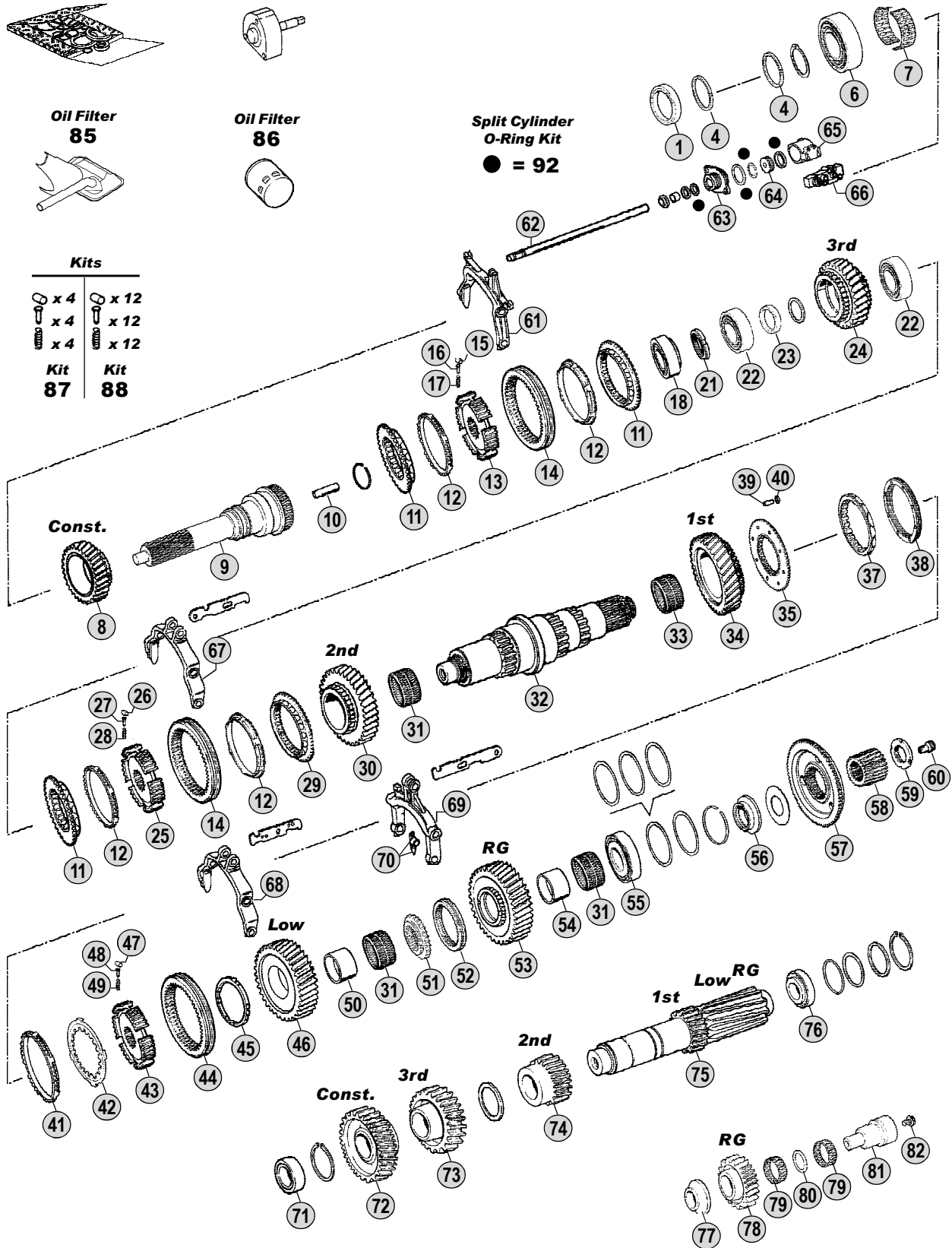
Oil Filter
86



Split Cylinder O-Ring Kit
● = 92



Kits	
x 4	x 12
x 4	x 12
x 4	x 12
Kit 87	Kit 88



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Models

Serie 4 - Serie P - Serie R

94C/D/G/L - 114C/G/L/ - 124C/G/L - 144C/G/L - 164(480)C/G/L

P/R380 - P/R420 - P/R480 - P/R500 - P/R560 - P/R620



GRS(O)900
GRS(O)900R

Fig.	CEI no.	Rif. SCANIA	Description	Q.ty	Note				
78	147.209	380110	Reverse Gear	1		●	●		
79	137.172	378615	Needle Cage D.50x62x21,5	2		●	●		
80	169.908	380109	Spacer	1		●	●		
81	147.203	1510337	Reverse Pin	1		●	●		
82	187.650	812534	Screw	1		●	●		
84	280.540	1426449	Oil Pump	1		●	●		
85		1503775	Oil Filter	1		●	●		
86	280.612	1768402	Oil Filter	1		●	●		
87	198.847	CEI 198847	Roller-Pins and Springs kit	1		●	●		
88	198.848	CEI 198848	Roller-Pins and Springs kit	1		●	●		
89	198.850	CEI 198850	Gasket kit	1	Only gaskets	●	●		
90	198.851	CEI 198851	Oil Seals Kit	1	Only oil seals	●	●		
91	198.846	550577	Oil Seal and Gasket Kit	1	Complete	●	●		
92	198.956	CEI 198956	Split Cylinder O-Ring Kit	1		●	●		

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Notes

Date

(A) Standard Generation. Use items marked (A) together.

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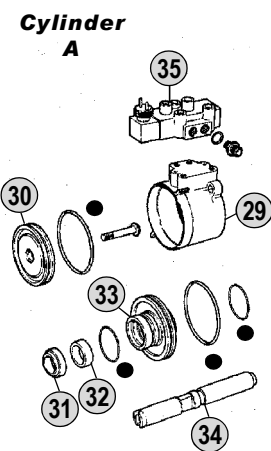
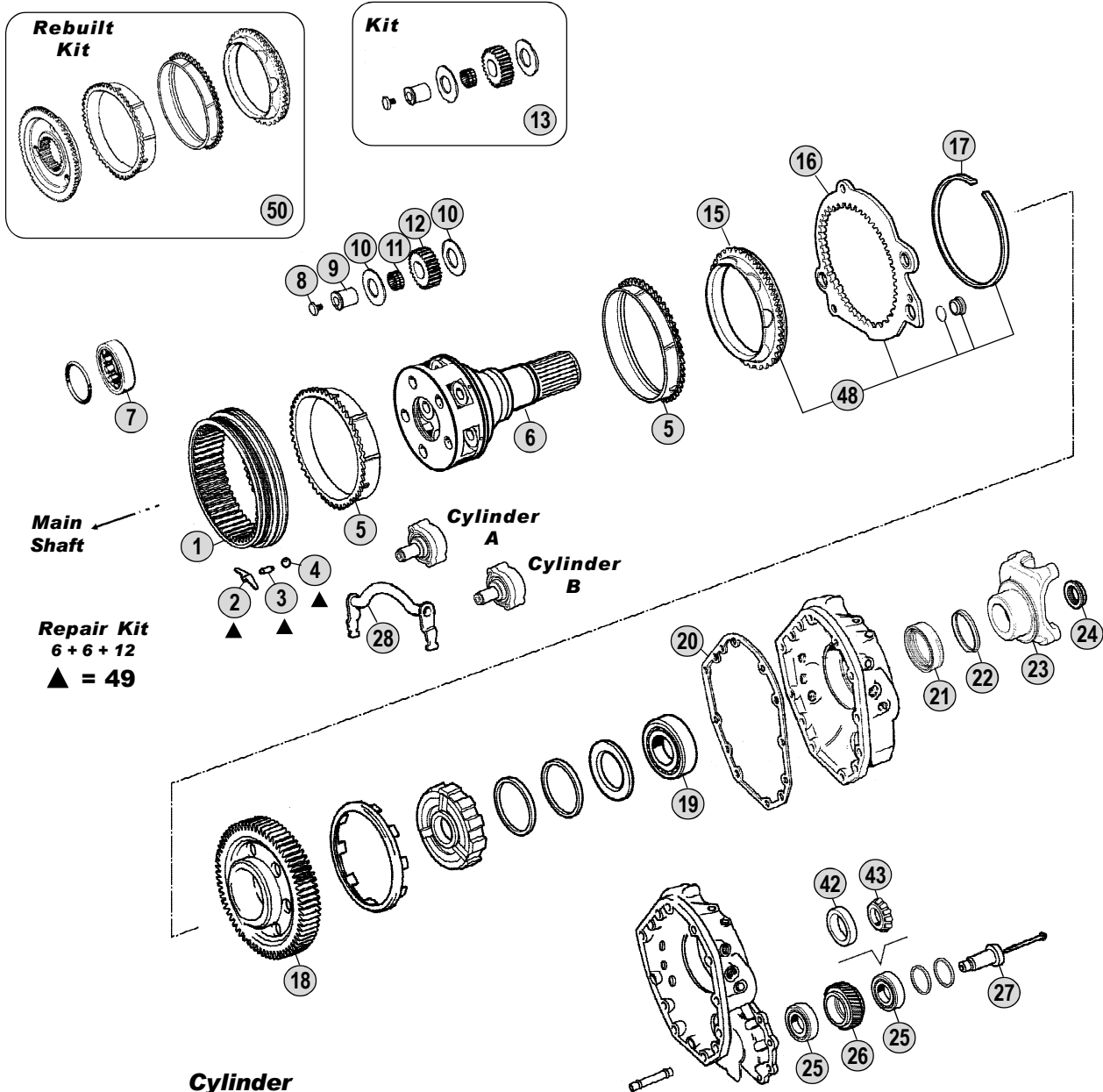
(B) LATEST GENERATION. Use items marked (B) together.

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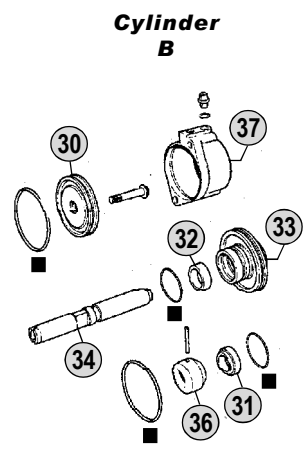
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Table

Adattabile a : **SCANIA GRS(O)900-GRS(O)900R (W/Retarder)**
 Suitable To :

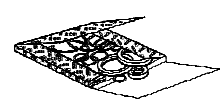


O-Ring Kit
● = 47

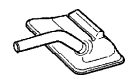


O-Ring Kit
■ = 47

Oil Seal & Gasket Kit
44 - 45 - 46



Oil Filter
40



Oil Pump
39



Oil Filter
41



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P/R380 - P/R420 - P/R480 - P/R500 - P/R560 - P/R620



Fig.	CEI no.	Rif. SCANIA	Description	Q.ty	Note	GRS(O)900	GRS(O)900R			
1	123.216	1118030	Crown Gear 66 T	1		●	●			
2	156.185	1395039	Spring	6		●	●			
3	160.215	1332508	Pin	6		●	●			
4	160.216	871702	Ball	12		●	●			
5	119.121	1395624	Synchronizer Ring	2	(*) Old Generation	●	●			
5	119.249	1770058	Synchronizer Ring	2	(*) New Generation	●	●			
5	119.288	1883363	Synchronizer Ring	2	(@) Latest Generation	●	●			
6	190.332	1318221	Planetary Carrier	1	Complete	●				
6	190.333	1318225	Planetary Carrier	1	Complete		●			
7	130.622	1300596	Bearing	1			●			
8	187.606	1318714	Screw	5		●	●			
9	107.171	1318713	Pin	5		●	●			
10	169.796	389419	Washer	10		●	●			
11	137.168	389434	Needle Bearing	5		●	●			
12	157.199	1373174	Planet Pinion 20 T	5		●	●			
13	198.849	CEI 198849	Repair kit	5		●	●			
15	109.168	1323147	Synchronizer Cone	1	(*) Old Generation	●	●			
15	109.421	1788170	Synchronizer Cone	1	(*) New Generation	●	●			
15	109.756	1883350	Synchronizer Cone	1	(@) Latest Generation	●	●			
16	135.126	1323145	Saddle Plate	1		●	●			
17	111.207	1302665	Snap Ring	1		●	●			
18	145.743	1426758	Retarder Gear 70 T	1			●			
19	130.533	1783324	Bearing D.60x130x31	1		●	●			
20	139.574	1305139	Gasket	1		●	●			
21	139.568	1502384	Oil Seal 85x105x13	1		●	●			
22	139.481	1300977	Dust Cover	1		●	●			
23	197.106	1340753	Output Flange	1	P30/300	●	●			
23	155.198	1422427	Output Flange	1	P40/400	●	●			
23	197.107	1422430	Output Flange	1	P50/P500	●	●			
23	197.076	1319646	Output Flange	1	P60/P600	●	●			
24	187.486	1525988	Nut M44x1,5	1		●	●			
25	130.621	361043	Bearing 40x85x33	2	Oem Old Type		●			
25	530.621	361043	Bearing 40x85x33	2	A.Market Old Type		●			
26	145.744	1373704	Gear 34 T	1			●			
27	107.188	1304747	Pin	1			●			
28	141.175	1491403	Fork	1		●	●			
29	132.056	1484808	Cylinder	1		●	●			
30	189.618	1303960	Piston	2		●	●			
31	139.601	1515869	Oil Seal Ring 22X28X5/8	2		●	●			
32	117.362	1303799	Bush	2		●	●			
33	132.057	1321239	Intermediate Element	2		●	●			
34	107.189	1332131	Shaft	2		●	●			
35	280.548	1488083	Solenoid Valve	1		●	●			
36	117.363	1337828	Sleeve	1		●	●			
36	117.364	1382339	Sleeve	1		●	●			

Notes

(*) Old and New Generation. Can be replaced by Synchro rebuilt kit **298.188** (Fig. 50)
 (@) LATEST GENERATION. To be coupled together.

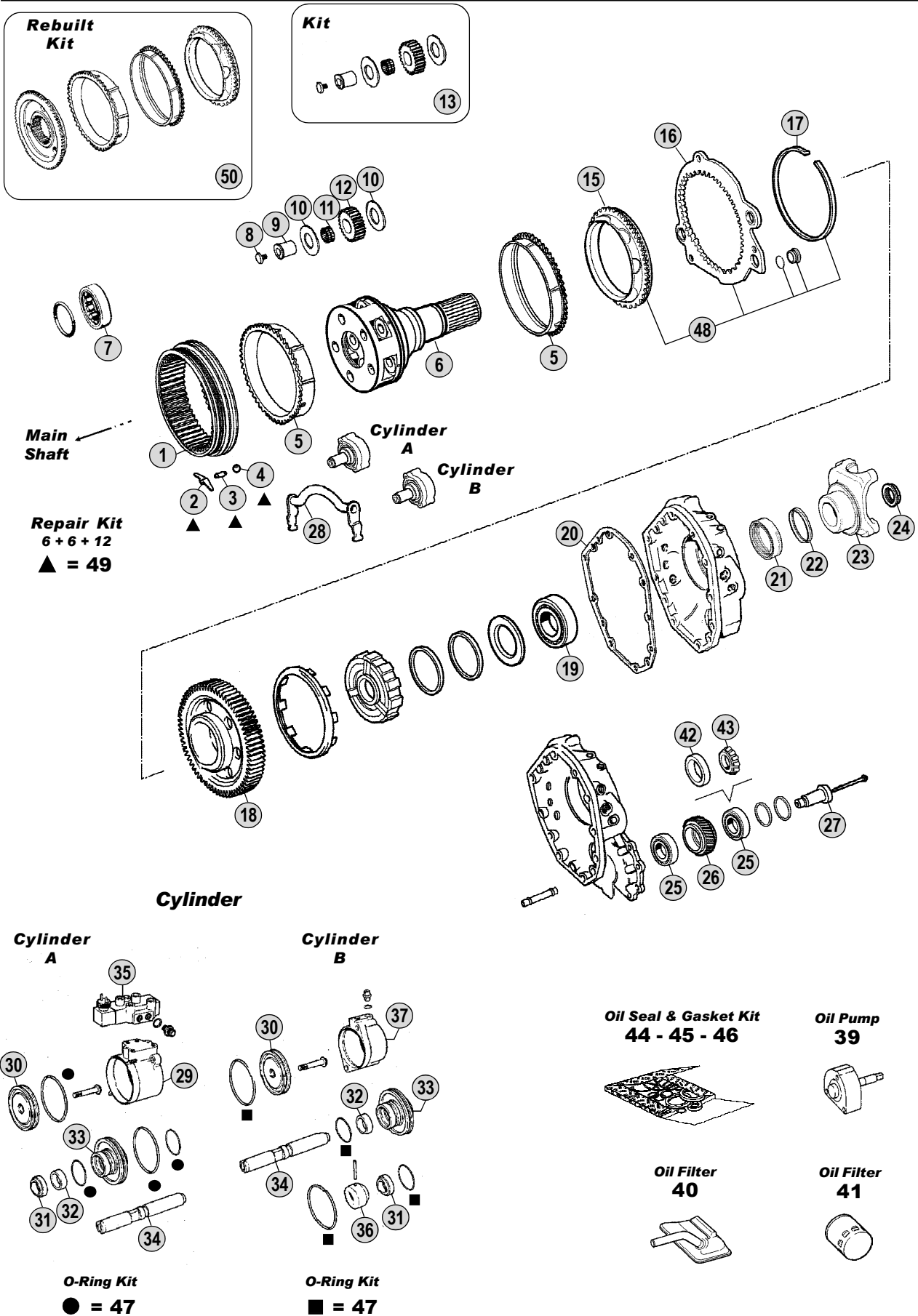
Date

05 / 2010

Table

0175

Adattabile a : **SCANIA GRS(O)900-GRS(O)900R (W/Retarder)**
 Suitable To :



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P/R380 - P/R420 - P/R480 - P/R500 - P/R560 - P/R620



GRS(O)900
GRS(O)900R

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Fig.	CEI no.	Rif. SCANIA	Description	Q.ty	Note		GRS(O)900	GRS(O)900R			
37	132.058	1484809	Cylinder	1		●	●				
39	280.540	1426449	Oil Pump	1		●	●				
40		1503775	Oil Filter	1		●	●				
41	280.612	1768402	Oil Filter	1		●	●				
42	130.529	1548819	Bearing Cone 85 mm	2	Oem New Type		●				
42	530.529	1548819	Bearing Cone 85 mm	2	A.Market New Type		●				
43	130.530	1883975	Roller Bearing 40x30 mm	2	New Type		●				
44	198.850	CEI 198850	Gasket kit	1	Only gaskets	●	●				
45	198.851	CEI 198851	Oil Seals Kit	1	Only oil seals	●	●				
46	198.846	550577	Oil Seal and Gasket Kit	1	Complete	●	●				
47	198.957	CEI 198957	Cylinder O-Ring Kit	1	For one cyl.	●	●				
48	198.916	CEI 198916	Engaging Ring Kit	1	Assy	●	●				
49	298.033	CEI 298033	Repair Kit	1		●	●				
50	298.188	CEI 298188	Synchro Rebuilt Kit	1	@	●	●				

Notes

(*) Old and New Generation. Can be replaced by Synchro rebuilt kit **298.188** (Fig. 50)
 (@) LATEST GENERATION. To be coupled together.

Date

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Table

0175

