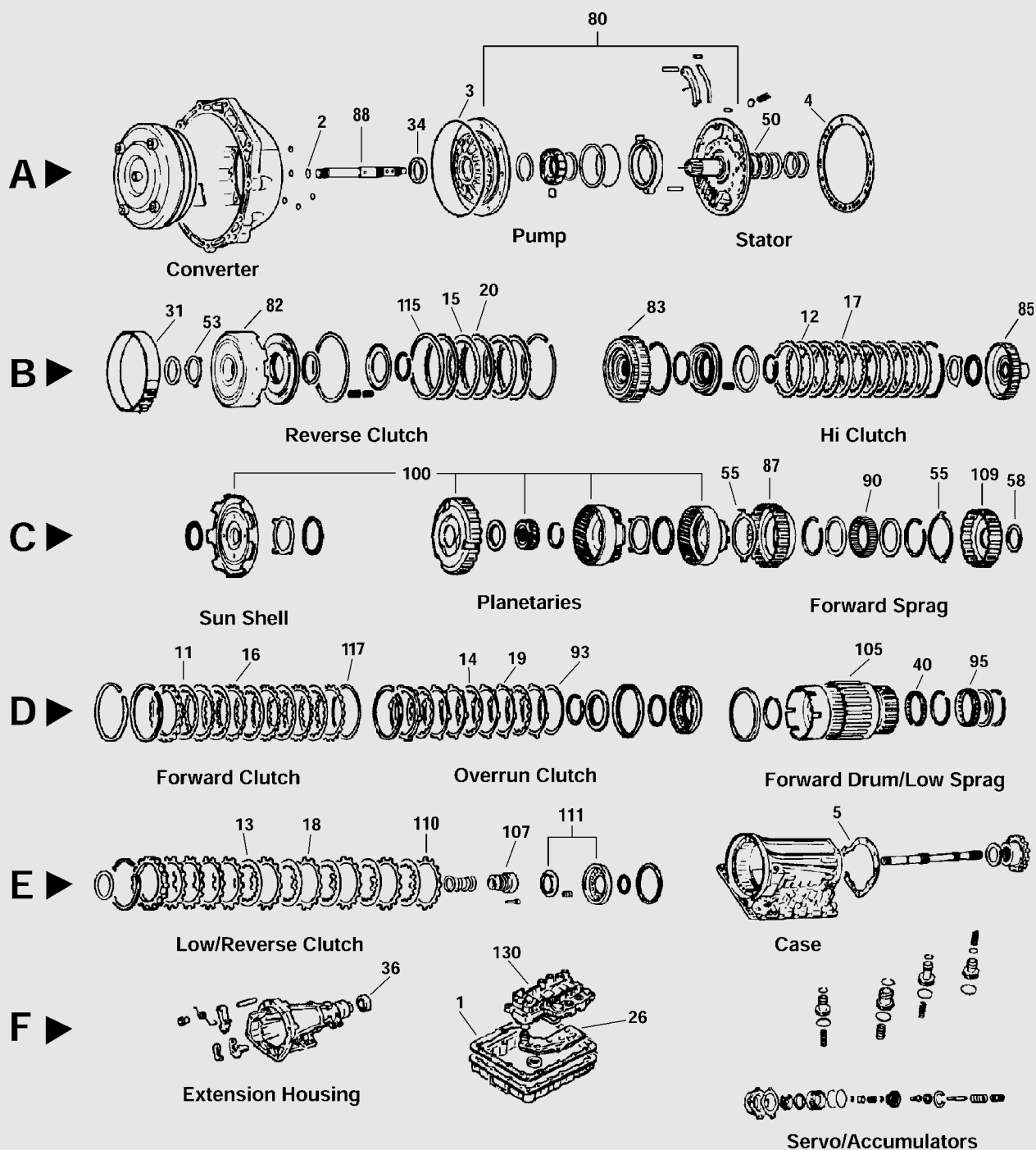
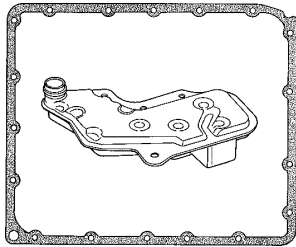


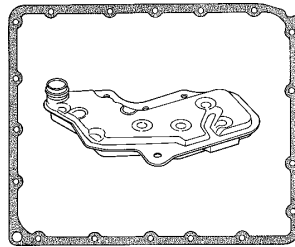


MAZDA R4A-EL 2/4 WD - RWD

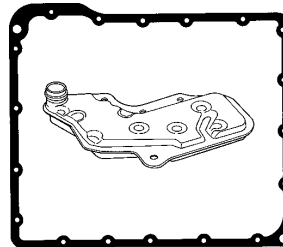
NISSAN RL4R01A, RE4/5R01A RE4R03A 2/4 WD - RWD



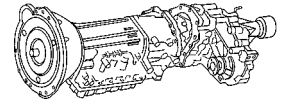
18 Bolt Pan — Long Neck
RE4R01A/R4A-EL
FK78800



18 Bolt Pan — Short Neck
RE4R01A - FK78800A
RL4R01A - FK78800B



18 Bolt Pan — No Neck
RE4R03A
FK78800C



**Rear Wheel Drive
Transmission w/Transfer
Case Illustrated**

NOTE: Q45 Could also be equipped with a 5 Speed RE5R01A. Also Cedric & Gloria models not in U.S. are equipped with the RE5R01A. RE5R01A is limited U.S. usage.

REBUILDER KITS

DESCRIPTION	QTY.	YEAR	DELUXE KIT	MASTER O/H KIT	LESS STEELS KIT	OVERHAUL KIT	GASKET & SEAL KIT
Rebuilder Kits: (1)(2)							
- Nissan 4WD/300ZX	1	87-96		K7800	K7800-LS	K78900	
- Mazda 2/4WD	1	94-Up		K7800	K7800-LS	K78900	
- Nissan 2/4WD	1	96-Up		K7800B	K7800B-LS	K78900	
Rebuilder Kits: (1)							
- Nissan 2WD RE/RL	1	89-95		K7800A	K7800A-LS	K78900	
- Mazda 2/4WD	1	89-93		K7800A	K7800A-LS	K78900	
Rebuilder Kits: (3)							
- RE4R03A	1	90-Up		K7800M	K7800M-LS	K78900M	
Rebuilder Kits: - RE5R01A	1	91-Up		K7800F	K7800F-LS	K78900F	

(1) - K7800 has .062 thick forward frictions, K7800A has .076 thick forward frictions.

- All 4W/300Z non-turbo, Nissan Pathfinder L95/Truck L96 2WD, Mazda R4A-EL 94-Up 2/4WD use .062 forward frictions.

- M30/300ZX non-turbo may require one extra low/reverse friction, 78108, and steel, 78109.

(2) K7800B contains .061 thick low/reverse frictions to service 96-Up models. K7800/A kits contain .076 thick frictions.

(3) For 300ZX V6 Turbo, order five (5) 78106B frictions separately - not contained in kit.

ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REFERENCE NO.
VALVE BODY KITS					
N.I.	TRANSGO® Shift Kit® -RE/RL4R01A, R4A-EL	1	87-Up	K78908	SK® RE4R01A
N.I.	SUPERIOR Shift Correction Package - Consistant Shifts, Fixes Lube Failures	1	87-Up	78C01	KRE4R01A
MISCELLANEOUS GASKETS & SEALS/PAN GASKETS					
1F	Gasket - Oil Pan:				
	- Cork & Neoprene - RE/RL4R01A, R4A-EL	1	87-Up	13885X	31397-41X01
	- Fibre - RE/RL4R01A, R4A-EL	1	87-Up	13885F	31397-41X01
	- Fibre - RE4R03A	1	90-Up	13885AF	31397-51X00
3A	Gasket - Front Pump - w/ Speed Sensor - Metal - RE/RL4R01A, R4A-EL	1	87-Up	13883M	31366-51X00
4A	O-Ring - Front Pump - RE/RL4R01A, R4A-EL	1	87-Up	13884	31526-41X01
2A	O-Ring - Turbine - RE/RL4R01A, R4A-EL	1	87-Up	13886	31159-21X00
5E	Gasket - Extension Housing - 2/4WD - RE4R01A, R4A-EL (RE4R03A -96)	1	87-Up	13887	31338-41X00
N.I.	Gasket Package - Valve Body - RE4R01A, R4A-EL (RL4R01A Not Required)	1	87-Up	K13849	N.L.

RE4/5R01A/03A

NISSAN RL4R01A, RE4/5R01A RE4R03A 2/4 WD - RWD

MAZDA R4A-EL 2/4 WD - RWD

ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REFERENCE NO.
CLUTCH PLATES					
Order Frictions with 'B' prefix for Borg Warner brand, 'R' prefix for Raybestos Brand.					
11D	Friction - Forward - .062-36T - 4WD/300Z (2WD L95-Up) - RE/RL4, R4A	6/7	87-Up	78104	31532-41X16
	Friction - Forward - .076-36T - 2/4WD - RE/RL4R01A, R4A-EL	5/6	89-96	78104A	31532-41X12
	Friction - Forward - .079-50T - RE4R03A	9	90-Up	78104B	31532-51X01
12B	Friction - High - .062-30T - RE/RL4R01A, R4A-EL	4/5	87-Up	68103B	31532-21X05
	Friction - High - .062-64T - RE4R03A	7	90-Up	78103	31532-51X04
13E	Friction - Low & Reverse - .076-30T - RE/RL4R01A, R4A-EL	5/7	87-Up	78108	31532-41X14
	Friction - Low & Reverse - .061-30T - RE/RL4R01A	4/6	95-Up	78108D	31532-41X69
	Friction - Low & Reverse - .064-33T - RE4R03A	8	90-Up	78108A	31532-51X07
14D	Friction - Overrun - .076-18T - RE/RL4R01A, R4A-EL	3	87-Up	78106	31532-41X13
	Friction - Overrun - .062-20T (Nissan only) - RE4R03A	4/5	90-Up	78106B	31532-51X02
	Friction - Overrun - .079-20T (Infiniti only) - RE4R03A	5	90-Up	78106A	31532-51X06
15B	Friction - Reverse - .080-34T - RE/RL4R01A, R4A-EL	2	87-Up	68100A	31532-21X07
	Friction - Reverse - 30T Smaller I.D. - RE/RL4R01A, R4A-EL	2	92-Up	78100A	31532-41X19
	Friction - Reverse - .076-64T - RE4R03A	3	90-Up	78100	31532-51X05
N.I.	Friction - Reduction - Direct - .078-30T - RE5R01A	3	91-Up	78110	31532-60X03
	Friction - Reduction - Brake - .062-30T - RE5R01A	3	91-Up	78112	31532-60X01
16D	Steel - Forward - .070-24T - 4WD- RE4R01A, R4A-EL	7	87-Up	78105	31536-41X13
	Steel - Forward - .080-24T - 2/4WD - RE/RL4R01A, R4A-EL	5/6	89-Up	78105A	31536-41X12
	Steel - Forward - .079-36T - RE4R03A	9	90-Up	78105B	31536-51X07
17B	Steel - High - .068-27T - RE/RL4R01A, R4A-EL	7	87-89	68102D	31536-41X04
	Steel - High - .080-27T - RE/RL4R01A, R4A-EL	1/5	89-Up	68102C	31536-41X03
	Steel - High - .118-27T - RE/RL4R01A, R4A-EL	3	87-Up	68102A	31536-41X02
	Steel - High - .079-40T - RE4R03A	7	90-Up	78101	31536-51X00
18E	Steel - Low & Reverse - .080-14T - RE/RL4R01A, R4A-EL	6/7	87-Up	78109	31666-41X01
	Steel - Low & Reverse - .079-11T - RE4R03A	8	90-Up	78109A	31666-51X00
19D	Steel - Overrun - .079-12T - RE4R03A	5/7	90-Up	78107A	31536-51X02
	Steel - Overrun - .080-6T - RE4R01A, R4A-EL	5	87-Up	78107	31536-41X10
20B	Steel - Reverse - .080-30T- RE/RL4R01A, R4A-EL	2	87-Up	68101A	31536-41X06
	Steel - Reverse - .080-30T Smaller I.D. - RE/RL4R01A	2	92-Up	78101A	31536-41X14
	Steel - Reverse - .079-40T - RE4R03A	3	90-Up	78101	31536-51X00
N.I.	Steel - Reduction - Direct - .078-28T - RE5R01A	5	91-Up	78111	31536-60X00
N.I.	Steel - Reduction - Brake - .078-8T - RE5R01A	1	91-Up	78113	31536-60X03
	Steel - Reduction - Brake - .102-8T - RE5R01A	2	91-Up	78113A	31536-60X02
N.I.	Cushion Plate - Tanged - w/Frictions & Steels - Reverse - RE/RL4R01A, R4A-EL	1	87-92	K78101B	N.L.
	Cushion Plate - Tanged - w/Frictions & Steels - Reverse - RE/RL4R01A, R4A-EL	1	92-Up	K78101A	N.L.

FILTERS/FILTER KITS

Order Filter Kits with 'FK' prefix for Cork & Neoprene, 'FFK' prefix for Fibre.

N.I.	Filter Kit:				
	- Filter w/Long Outlet Neck 3/4" - 6 Cyl. 4WD RE4R01A , 2/4WD R4A-EL	1	87-Up	FK78800	N.L.
	- Filter w/Short Outlet Neck 1/4" - 6 Cyl. 2WD - RE4R01A (3)	1	87-Up	FK78800A	N.L.
	- Filter w/Short Outlet Neck 1/4" - 4 Cyl. 2WD - RL4R01A (3)	1	87-Up	FK78800B	N.L.
	- Filter w/o Outlet Neck - 6 Cyl. 2WD - RE4R03A	1	90-Up	FK78800C	N.L.
	- Filter w/2" Neck - RX7 Turbo - R4A-EL	1	92-Up	FK78800E	N.L.
26F	Filter:				
	- w/Long Outlet Neck 3/4" - 6 Cyl. - 4WD - RE4R01A , 2/4WD R4A-EL	1	87-Up	78800	31728-41X03
	- W/Long Outlet Neck 3/4" - 6 Cyl. - 4WD - RE4R01A , R4A-EL - SPX Brand	1	87-Up	78800S	31728-41X03
	- w/Short Outlet Neck 1/4" - 6 Cyl. - 2WD - RE4R01A (3)	1	87-Up	78800A	31728-41X00
	- w/Short Outlet Neck 1/4" - 4 Cyl. - 2WD - RL4R01A (3)	1	87-Up	78800B	31728-48X00
	- w/o Outlet Neck - Thick Body - 6 Cyl. - 2WD - RE4R03A	1	90-Up	78800C	31728-51X02
	- w/2" Neck - RX7 Turbo - R4A-EL	1	92-Up	78800E	BV65-19-815
	- w/ 5/8" Neck - Thick Body - B2600 Truck - R4A-EL	1	90-93	78800G	N.L.
	- RE5R01A	1	91-Up	78800F	N.L.

(3) Filters are similar, take caution. 78800A and 78800B are identical with the exception of the body bolt indentations.

MAZDA R4A-EL 2/4 WD - RWD

NISSAN RL4R01A, RE4/5R01A RE4R03A 2/4 WD - RWD

ILL.	DESCRIPTION	QTY.	YEAR	PART NO.	REFERENCE NO.
BRAKE BANDS					
Order NEW Brake Bands with 'B' prefix for Borg Warner brand, 'R' prefix for Raybestos brand.					
31B	Band - RE/RL4R01A, R4A-EL (strap ends are different)	1	87-98	78700	31630-41X03
	Band - RE/RL4R01A, R4A-EL (strap ends are the same)	1	99-Up	68700	N.L.
31B	Band - RE4R03A	1	90-Up	78700A	31630-51X02
METAL CLAD SEALS					
34A	Front Pump Seal - w/Dust Lip - 4WD - All - (Use Retainer 78991)	1	87-Up	78200	31375-51X00
34A	Front Pump Seal - 2WD - All - (Use Retainer 78991)	1	87-Up	68200	31344-21X00
36F	Extension Housing Seal:				
	- Nissan (Exc. RE4R03A, 99-Up Pathfinder 2WD)	1	87-Up	45201B	31336-X8000
	- 99-Up Pathfinder 2WD - RE4R03A	1	90-Up	78205	31375-51X01
	- Mazda (Exc. RX7 2WD)	1	88-Up	45201C	M502-17-335A
	- Mazda RX7 - R4A-EL	1	93-Up	78205R	BV65-19-437
	- Mazda 4WD in Transfer Case - 2WD - R4A-EL	1	90-Up	45201D	M504-17-335
N.I.	Adapter Housing Seal - Nissan 4WD - RE4R01A	1	87-Up	78203	31336-X6901
N.I.	Manual Lever Seal - All	1	87-Up	78204	31375-41X00
N.I.	Speedometer - Nissan	1	88-Up	45205A	32709-58S00
N.I.	Speedometer - Mazda	1	88-Up	50207	9958-60-8166
BUSHINGS					
N.I.	Bushing Kit - RE/RL4R01A, R4A-EL	1	87-Up	K78901	N.L.
	Bushing Kit - RE4R03A	1	90-Up	K80901	N.L.
N.I.	Bushing - Case - Bronze - 1 Piece - RE/RL4R01A, R4A-EL	1	87-Up	78011X	N.L.
N.I.	Bushing - Stator - Front - Small O.D. - RL4R01A	1	88-Up	78002A	N.L.
40D	Bearing- Forward Drum - RL/RE4R01A, R4A-EL	1	87-Up	78926	31455-41X04
SEALING RINGS/RING KITS					
N.I.	Sealing Ring Kit - All	1	87-Up	K78903	N.L.
THRUST WASHERS/NEEDLE BEARINGS					
50A	Washer - Pump - Selective - 1.9mm - All	1	87-Up	78400F	31528-21X06
55C	Forward Hub - Front - Rear - RE4R01A	2	87-Up	78401	31508-41X01
55C	Forward Hub - Front - Rear - RE4R03A	2	90-Up	80401	31508-51X08
BEARINGS					
N.I.	Bearing Kit:				
	- Full Bearing/Washer Kit - RE/RL4R01A, R4A-EL (4)	1	87-Up	K78500	N.L.
	- Partial Kit - Planetary - RE/RL4R01A, R4A-EL (4)	1	87-Up	K78500S	N.L.
	- Full Bearing/Washer Kit - RE4R03A (4)	1	90-Up	K78500M	N.L.
	- Partial Kit - Planetary - RE4R03A (4)	1	90-Up	K78500MS	N.L.
53B	Race - Pump / Hi Drum - Selective - 2.0mm - All	1	87-Up	78500F	31429-21X06
58C	Bearing - Hub to Support - 2nd Des. - (Use w/78935)- RE/RL4R01A, R4A-EL (5) ...	1	87-Up	78509A	31407-41X11
58C	Bearing - Hub To Support - 2nd Des. - RE4R03A (6)	1	90-Up	80509A	31407-51X04
N.I.	Washer Kit - (Use w/SPS112A, See Index) - Front Planet - RE4R01A	1	87-Up	QWK7100	N.L.
(4) Kit contains 2nd Design, 3 piece overrun hub/support bearing. (5) Purchase 78509A bearing and 78935 support to upgrade to latest design. (6) Purchase 80509A bearing and 80935A bearing support or 80935B bushing support to upgrade to latest design.					

RE4/5R01A/03A

NISSAN RL4R01A, RE4/5R01A RE4R03A 2/4 WD - RWD

MAZDA R4A-EL 2/4 WD - RWD

ILL.	DESCRIPTION	BRAND	QTY.	YEAR	PART NO.	REFERENCE NO
HARD PARTS						
Hard Parts may only require the base number for OEM/Aftermarket New. A "N" suffix may also be required or a "-R" suffix for remanufactured. Exceptions are listed individually. NOTE: A separate column is provided to indicate a primary or specific brand/type.						
80A	Pump - Complete: - w/o Sensor - RE4R01A - w/Sensor - RE4R01A - RE4R03A	R R R	1 1 1	87-Up 93-Up 90-Up	78920A 78920D 78920M	N.L. N.L. N.L.
82B	Drum - Reverse - Clutch - RE/RL4R01A Drum - Reverse - Clutch - RE4R03A		1 1	87-Up 90-Up	78921 78921M	N.L. N.L.
83B	Drum - High - Clutch: - 34T Reverse Friction - RE/RL4R01A - 30T Reverse Friction - RE/RL4R01A - RE4R03A		1 1 1	87-92 93-Up 90-Up	78922 78922B 78922M	N.L. N.L. N.L.
85B	Hub - High - RE/RL4R01A Hub - High - RE4R03A		1 1	87-Up 90-Up	78923 78923M	N.L. N.L.
87C	Hub - Forward Clutch - RE4R01A Hub - Forward Clutch - RE4R03A	R R	1 1	87-Up 90-Up	78927 78927B	N.L. N.L.
88A	Turbine Shaft: - w/o Sensor - RE4R01A - w/ Sensor - RE4R01A - RE4R03A	R R R	1 1 1	87-Up 95-Up 90-Up	78919 78919B 78919D	N.L. N.L. N.L.
90C	Sprag - Forward Clutch: - RE/RL4R01A, R4A-EL - RE4R03A		1 1	87-Up 90-Up	78940 78940A	31484-41X00 31484-51X00
93D	Overrun Cushion Plate: - Dished - RE/RL4R01A, R4A-EL - Dished - RE4R03A		1 1	87-Up 90-Up	78965 78965A	31535-41X03 31535-51X02
95D	Sprag - Low Clutch: - Small O.D. - RE4R01A, R4A-EL (Replaced By 78925 Drum) - Large O.D. - RE4R01A - RE4R03A		1 1 1	87-92 93-Up 90-Up	78960 78960B 78960A	31473-41X00 31473-41X02 31473-51X00
100C	Planetary Package - (Rear Sun Gear Tooth Count): - 37T - RE/RL4R01A, R4A-EL (7) - 42T - RE/RL4R01A, R4A-EL (7) - 51T - RE4R03A, 300ZX Turbo (Q45 90-2/93) - 58T - RE4R03A, Q45 RE4R03A (2/93-Up)		1 1 1 1	88-Up 88-Up 88-Up 93-Up	K78980A K78980C K78980M K78980N	N.L. N.L. N.L. N.L.
105D	Drum - Forward: - 1st Design, Small O.D. Sprag - RE/RL4R01A - 2nd Design, Large O.D. Sprag - RE/RL4R01A - RE4R03A (Bearing Design) - RE4R03A (Bushing Design)	R R R R	1 1 1 1	87-92 93-Up 90-93 93-Up	78925A 78925 78925M 78925N	N.L. N.L. N.L. N.L.
107E	Support - Case: - 2nd Design - RE/RL4R01A, R4A-EL - (Use w/78509A) - 1st Design - 3.510 Long, Bearing Design - RE4R03A - 2nd Design - 3.45 Short, Bearing Design - RE4R03A - 3rd Design - 3.45 Short, Bushing Design - RE4R03A		1 R R 1	87-Up 90-92 92-93 93-Up	78935 80935 80935A 80935B	31472-41X01 31472-51X00 31472-51X01 31472-51X03
109C	Overrun Hub - RE/RL4R01A, R4A-EL		1	87-Up	78937	31591-41X01
110E	Low/Reverse Cushion Plate: - Dished - To 8/88 - R01A/R4A-EL - Dished - From 8/88 - R01A/R4A-EL - Dished - RE4R03A		1 1 1	87-88 88-Up 90-Up	78970 78970A 78970B	31535-41X07 31535-41X08 31535-51X04
111E	Low/Reverse Piston Kit - RE4R03A	R	1	90-Up	78968	N.L.

(7) Planetary Package is 2nd design tooth type and contains front/rear planets, sun shell, sun gear and ring gear.
Not interchangeable with 1st design.

**NISSAN RL4R01A, RE4/5R01A
RE4R03A 2/4 WD - RWD**

RE4/5R01A/03A