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68RFE Rebuild kits

Rebuild kits & Build-it parts

1062022	2007-2018 68RFE Rebuild Kit – Stage 2
1062023	2007-2018 68RFE Rebuild Kit – Stage 3
1062025	2007-2018 68RFE Rebuild Kit – Stage 4

Introduction

BD offers a variety of proven 68RFE build-it kits to suite your truck needs. Additional parts/ kits are available should you or your transmission builder want to further increase the performance or durability of your 68RFE.

A transmission learn procedure must be performed should any of the following repairs be applied to the vehicle:

- Transmission Replacement
- Transmission Control Module Replacement (TCM)
- Solenoid Pack Replacement
- Clutch Plate and/or Seal Replacement
- Valve Body Replacement or Recondition
- Torque Converter Replacement
- Battery Replacement
- Power Upgrade or Flash Programmer Installation/ Updates

Upgrades/ Individual parts

The below items are available separately and can be purchased individually to customize your transmission build.

BD Part Number	Description
1064043	Filter Kit; Service 68RFE
1030374	Adapter;68rfe Filter Threaded
1030362	68RFE Protect 68 Gasket & Pressure Control
1061525	BD Heavy Duty Transmission Pan
1041221	BD 68RFE Flexplate
1060603	68rfe One Way Clutch/ Sprag
1600189	Billet Input Shaft
1062034	Billet OD Selector Plates (14 frictions)
1062035	"Big Stack" Overdrive shaft + Selector Plates (16 OD frictions)
1062036	"Big Stack" Overdrive shaft + Selector Plates + Large Area OD Drum

Build-it Kit Contents

BD Part Number	Description	1062022 Stage 2	1062023 Stage 3	1062025 Stage 4
K29900L(1)	Gasket and Seal Kit	1	1	1
29302	2C Friction	3	3	3
29303	2C Steel	3	3	3
B29308L	OD Housing Friction	15	15	15
B29309L	OD Housing Steel	15	15	15
29310	4C Friction	3	3	3
29311	4C Steel	3	3	3
29321L	Rev Friction	7	7	7
29322L	Rev Steel	7	7	7
29601	Filter, Pan	1	1	1
29609	Filter; Spin-on	1	1	1
1600180	4C Spring Retaining Ring	1	1	1
1600163(2)	Selector Plate; OD/Rev (14 OD frictions)	1	1	1
1600162	Selector Plate; UD/ OD (14 OD Frictions)	1	1	1
1030373	Protect 68 Valve body kit	1	1	1
1600197	Gasket; 68RFE Ext Housing	1	1	1
52119645AA	Cover; Oil Pump	0	1	1
1060603	Sprag; One way	0	1	1
1030369	Pressure Module	0	0	1

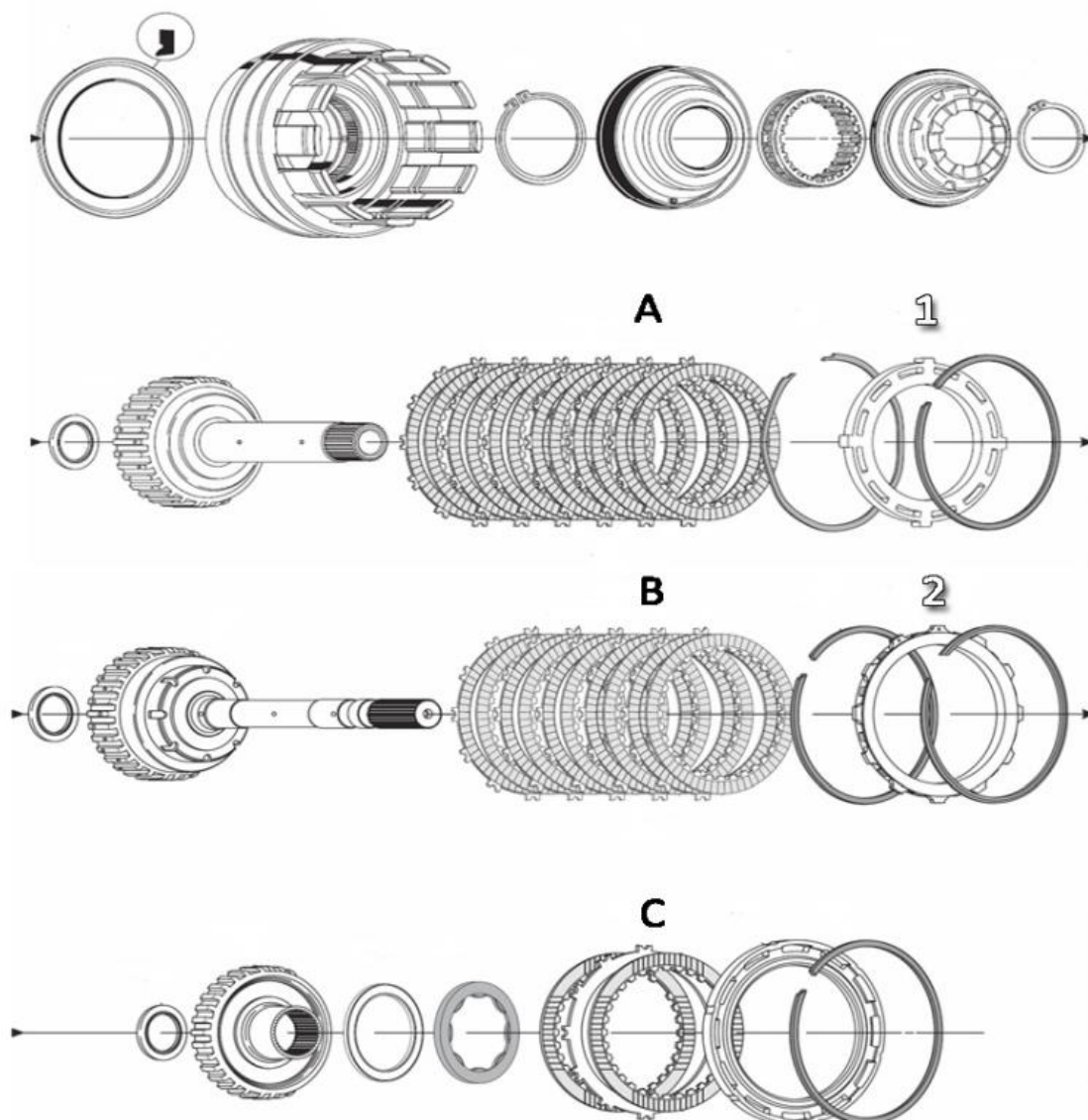
(1)K29900L Gasket and seal kit:

- Gasket; 68rfe Pan (1601523)
- Gasket; 68rfe Solenoid Pack
- Seal; Solenoid Pack Connector
- Seal; 4wd Output Shaft
- Seal; 2wd Output Shaft
- Seal; Input Shaft
- Gasket Kit; Oil Cooler
- Seal Kit; 2-4C
- Seal Kit; Input drum
- O-ring; Pump Cover
- Sealing Kit; Piston rings
- Seal Kit; Solenoid pack
- Seal Kit; Internal valve body and orifices
- Seal Kit; External
- Check Balls; 1/4" - Qty 7

(2) Protect 68 Plate Kit:

- Bonded Valvebody Gasket Plate
- Heavy Duty Accumulator Plate
- Transmission Pan Gasket
- Clutch Feed Seals

Installation

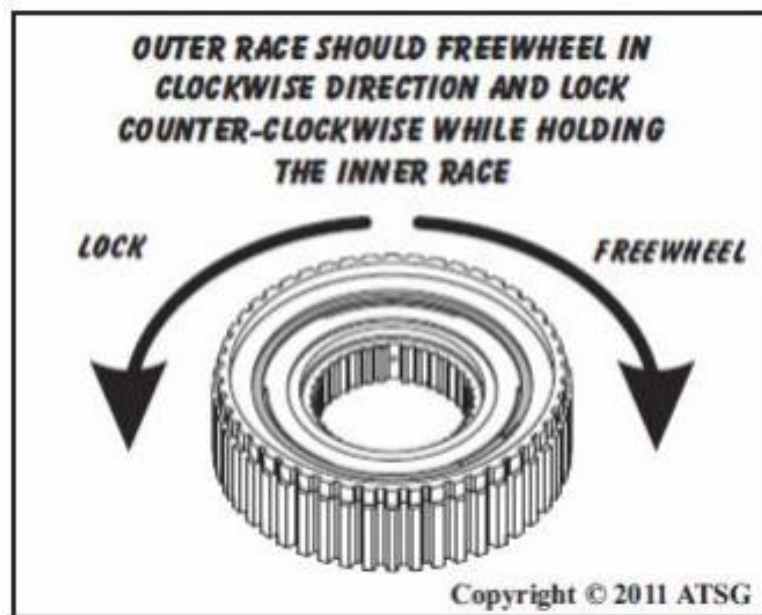


- A – Overdrive Clutch – Use 7+7 B29308L & B29309L (OEM uses 6+6)
 B – Underdrive Clutch – Use 6+6 of B29308L & B29309L (OEM uses 5+5)
 C – Reverse – Use 2+2 of B29308L & B29309L (OEM uses 2+1)
 1 – Rev/OD Pressure Plate #1600162 (can only be installed one way)
 2 – Direct/OD Pressure Plate #1600163 (can be installed one way)

68RFE Clutch Clearance	
Soak all clutches in ATF for 30 minutes before installing and measuring clutch pack clearance	
Underdrive	.040 - .068"
Overdrive	.030 - .063"
Reverse	.023 - .058"
L/R	.046 - .082"
4C	.030 - .055"
2C	.038 - .066"

1st gear sprag

Please be sure to follow the instructions provided with the sprag to ensure correct functionality.



Billet 4C spring retainer

The billet 4C spring retainer (1600180) must be oriented as shown below.

