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68RFE Rebuild kits

Rebuild kits & Build-it parts

1062022	68RFE Rebuild Kit – Stage 2
1062023	68RFE Rebuild Kit – Stage 3
1062025	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
52119645AA	Cover; Oil Pump	0	1	1
1060603	Sprag; One way	0	1	1
1030369	Pressure Module	0	0	1

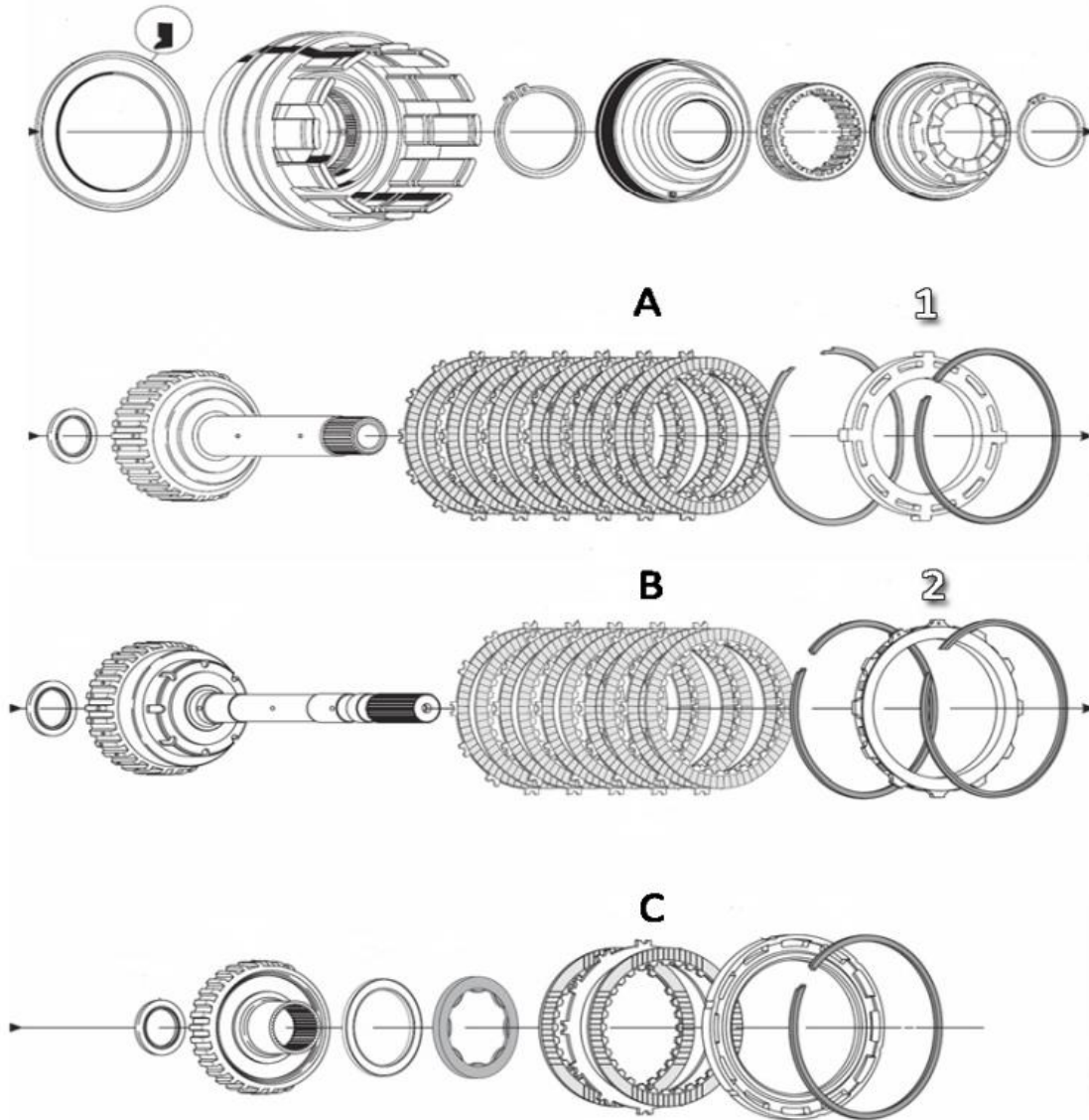
(1)K29900L Gasket and seal kit:

- 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"

When assembling 1st gear sprag,
please be sure to follow the instructions
provided with the sprag to ensure correct functionality.

