



SUBARU FA/FB SMALL HUB – P/N 100050

Fitment:

Models	Model Years
Crosstrek 2.0L	2018, 2019, 2020, 2021, 2022, 2023, 2024
Crosstrek 2.5L	2021, 2022, 2023, 2024
Forester 2.5L	2019, 2020, 2021, 2022, 2023, 2024, 2025
Impreza 2.5L	2024
Impreza 2.0L	2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024
Legacy 2.5L	2020, 2021, 2022, 2023, 2024, 2025
Legacy 2.4L	2020, 2021, 2022, 2023, 2024, 2025
Outback 2.5L	2020, 2021, 2022, 2023, 2024
Outback 2.4L	2020, 2021, 2022, 2023, 2024, 2025
Ascent 2.4L	2019, 2020, 2021, 2022, 2023, 2024
WRX 2.4L	2022, 2023, 2024

Included items:

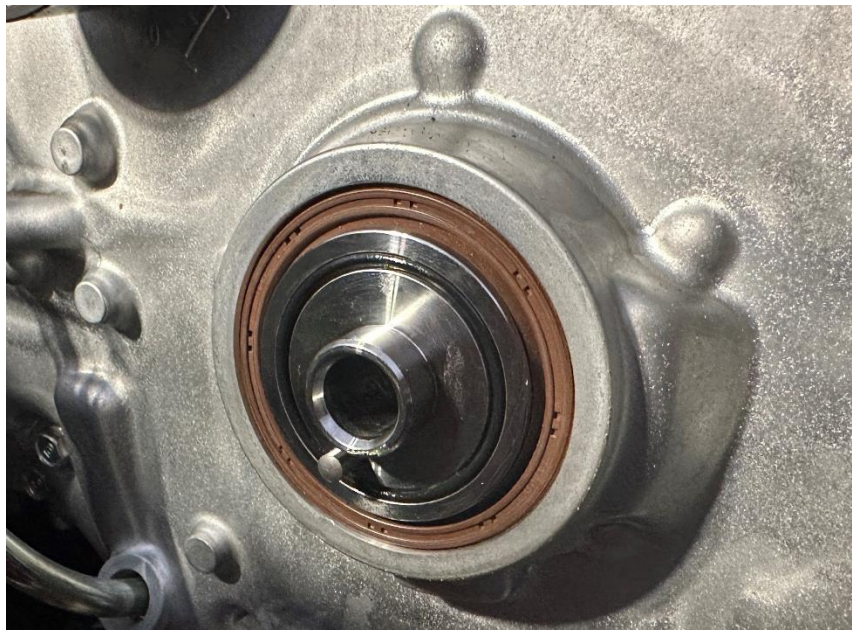
QTY:	Item Description:
1	Subaru FA/FB small hub
1	39mm ID O-ring 2mm Cross Section
1	Replacement Crank Bolt

Recommended tools:

- 14mm (17mm for 2022+) wrench or socket
- 22mm socket
- Breaker bar
- Holding tool

Removal of OEM Damper:

1. Take note of belt routing as this will be needed during reinstallation in future.
2. Locate and loosen belt tensioner with 14mm (17mm for 2022+) wrench or socket.
3. Pin engine from rotating being careful to not damage parts.
4. Using a breaker bar and 22mm socket loosen the crank bolt. This may take more than 100ft-lbs of force to remove. Take caution to not damage any hoses or pulleys in the process.
5. Remove stock damper and bolt. Take note of the orientation of the flats on the hub/oil pump and key.
6. Have a paper towel ready to catch any oil that may drip.



Installation of Fluidampr hub and 571101:

1. Install hub onto engine aligning the flats and keyway of the damper the same as the OEM. If done correctly the hub will sit near flush with the front cover. If hub does not sit near flush do not proceed to next step, it is likely that the hub is not aligned on the key or in the flats for the oil pump.
 - a. To correct misalignment, install hub in as far as possible. With little force rotate the hub until the key aligns with the keyway, at which point the hub can be pressed in until near flush. (See above)
 - b. If binding occurs pull hub out and re-attempt to align. Improper alignment can result in engine damage or failure if not done correctly.
2. Install provided O-ring into the groove on the hub. If needed a little bit of grease can be used to hold the O-ring in place while the damper is installed.
3. Follow instructions provided with 571101, 4NFT_ __, for damper install.

LIMITED WARRANTY

WARRANTY: All warranty claims must be made with your point of purchase. **LIMITED WARRANTY:** Fluidampr warranty extends to the original purchaser only and a copy of sales receipt must be provided. Keep your receipt. Fluidampr recommends to our customers that they have their Fluidampr products installed by a certified technician or engine builder as warranty does not cover installation errors. Fluidampr offers a 1-year warranty for defects in material and workmanship. Repair or replacement will be at Fluidampr's discretion. If purchased from Fluidampr: To obtain warranty service, call customer service to receive a return authorization number. Returns must include the RMA#, description of the problem and a copy of the purchase invoice/receipt. Returns without an RMA# will not be processed. Customers are responsible for freight charges to Fluidampr. If product is found to be faulty, Fluidampr will pay UPS Ground Freight when returning the product to customer. **THIS WARRANTY DOES NOT INCLUDE AND IS NOT LIMITED TO THE FOLLOWING:** • Failure due to improper installation or maintenance. Loss or injury incurred from use or operation of Vibrattech/Fluidampr products. • Misuse, abuse, modifications, or unauthorized repairs. • Removal or replacement cost. • Cost incurred due to downtime of vehicle. • Damage to other engine or vehicle components. • Normal wear and tear. • Use in racing applications or competitive purposes. Fluidampr limited warranty coverage is subject to change due to uncontrolled circumstances with or without notice.

Vibrattech/Fluidampr
180 Zoar Valley Road
Springville, NY 14141

Phone 716-592-1000
Fax 716-592-1001
Web www.Fluidampr.com
E-mail support@fluidampr.com

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