



**U.S. BASED
SUPPORT**

HOURS: MONDAY - FRIDAY | 8AM - 5PM EST



[1.410.840.3555](tel:14108403555)

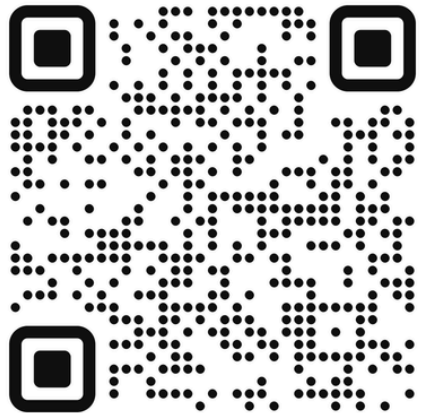


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VIDEO INSTRUCTIONS

[https://iagperformance.com/vi/
IAG-EXT-4031](https://iagperformance.com/vi/IAG-EXT-4031)



SCAN ME



**IAG PERFORMANCE
REPLACEMENT ELECTRONIC
WASTEGATE
FOR 2022+ SUBARU WRX
WITH OE TURBO**



IAG Performance

**Replacement Electronic Wastegate
For 2022+ Subaru WRX with OE Turbo
Part Number: IAG-EXT-4031**

Congratulations on the purchase of your Wastegate Actuator, and thank you for choosing IAG Performance! These instructions cover steps specific to the Actuator, for Turbo removal and installation refer to factory service manual. Professional installation recommended.

Installation video can be found on our website, or by using the following QR code.

Tools Needed:

Socket/Wrench Sizes:

- (X2) 10mm Wrenches
- 4mm Allen

Other Tools:

- Flathead Pocket Screwdriver

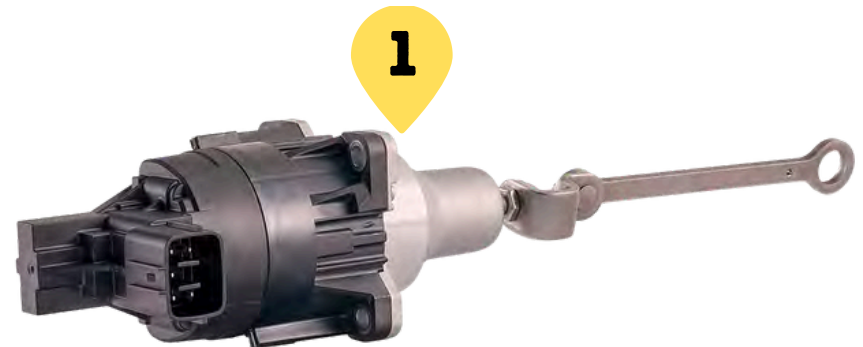
***This does not include tools required for Turbo Removal and Installation. Refer to Factory Service Manual for Turbo specific instructions.**

Scan or click QR code for instruction video:



Parts Included:

- 1 IAG Wastegate Actuator**



Step 1

Follow the Factory Service Manual for removal of the Turbo.

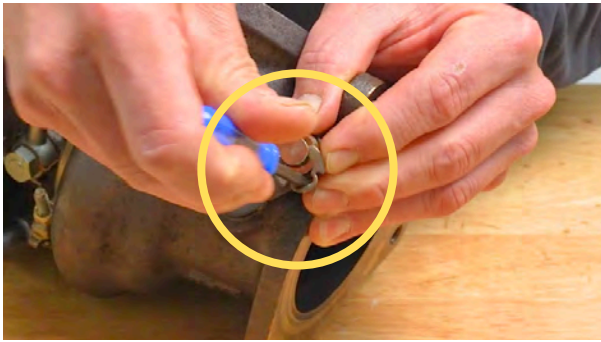
These instructions only cover aspects specific to the assembly of the IAG Wastegate Actuator.



Step 2

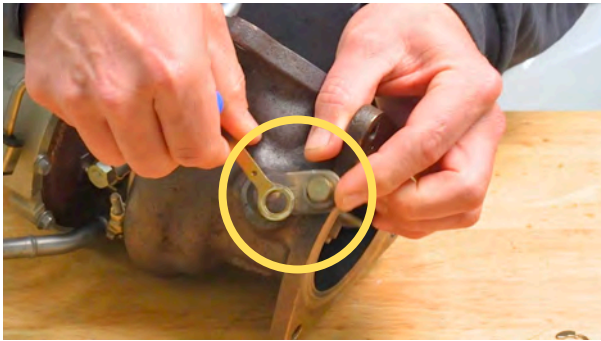
Locate the Wastegate Linkage on the Exhaust side of the Turbo.

Using a flathead pocket screwdriver, remove the Retaining Clip from the Wastegate Linkage.



Step 2 pt. 2

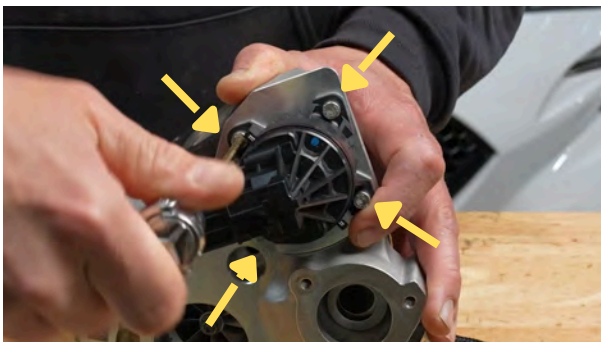
Remove the Wastegate linkage from the Wastegate.



Step 3

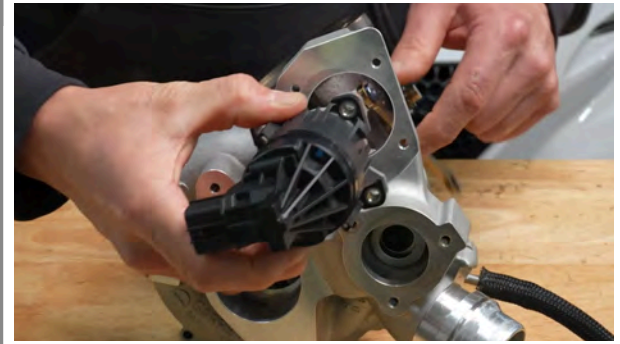
Locate the Wastegate Actuator on the Intake side of the Turbo.

Using a 4mm Allen Wrench, remove the four bolts from the Wastegate Actuator.



Step 4

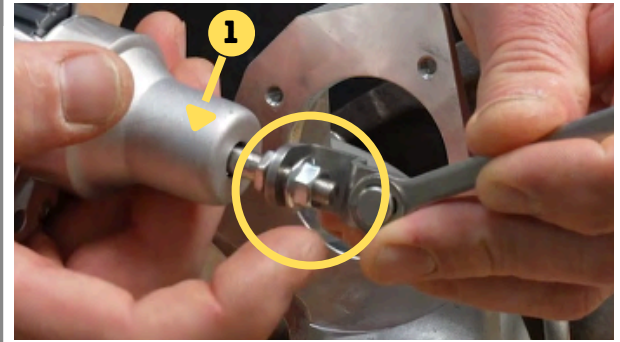
Remove the factory Wastegate Actuator and Linkage.



Step 5

Prepare the IAG Wastegate Actuator.

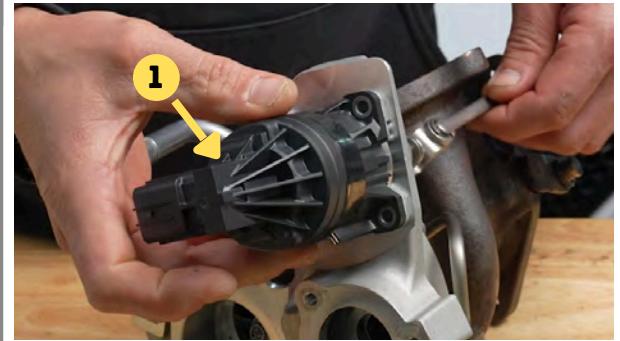
Loosen the front Jam Nut on the Wastegate Linkage, back off to the end of the threads. Do not remove Nut completely.



Step 6

Install the IAG Wastegate Actuator onto the Turbo.

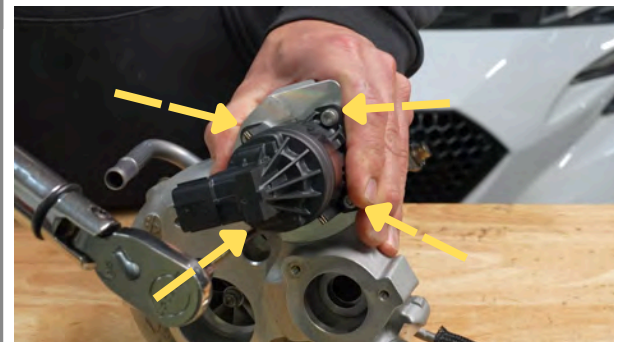
Ensure the orientation matches the factory Wastegate Actuator.



Step 7

Using a 4mm Allen Wrench, reinstall the four factory bolts. Tighten bolts evenly until snug.

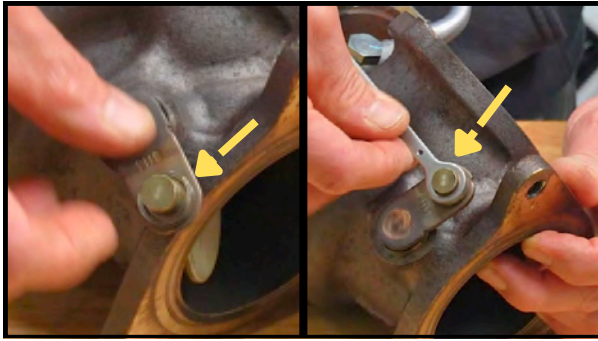
Torque to 5 ft-lb.



Step 8

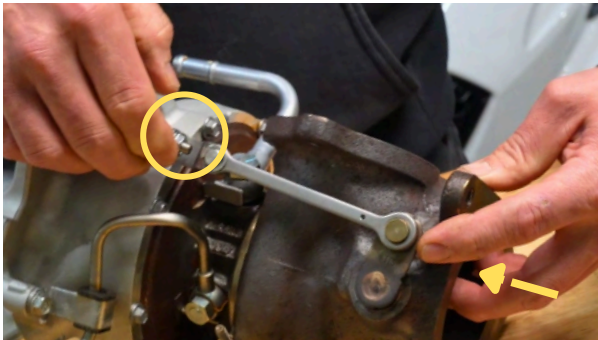
Ensure that factory Spring Washer is installed on the Wastegate Arm.

Install the IAG Wastegate Linkage onto the Wastegate Arm.



Step 9

With the Wastegate held closed as shown, hand tighten the front 10mm Jam Nut to remove the slack from the Linkage.



Step 10

Ensure Wastegate is snug against the Exhaust Housing and is free of any rattle or play.



Step 10 pt. 2

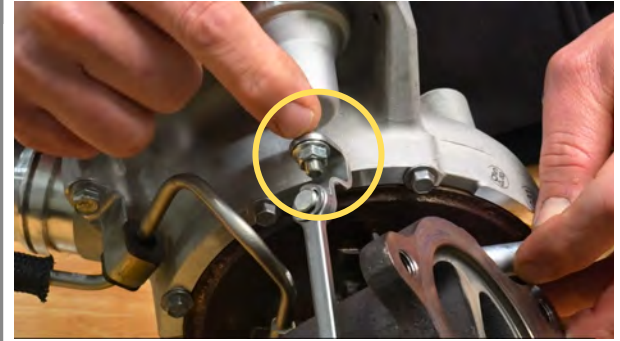
Using a 10mm Wrench, continue tightening the Jam Nut until the Wastegate is tight against the Exhaust Housing.

Do not Overtighten.



Step 11

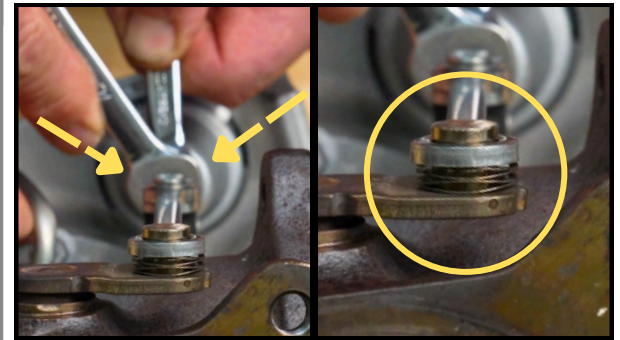
Tighten the back Jam Nut by hand until it is snug against the Linkage.



Step 12

Using two 10mm Wrenches, tighten both Jam Nuts against each other until tight.

Ensure the Wastegate Linkage sits parallel to the Wastegate Arm.



Step 13

Confirm Alignment of Wastegate Linkage. The Linkage should be able to freely move up and down on the Wastegate Arm.

If binding is present Wastegate Linkage may be overtightened or crooked. Loosen Nuts and readjust.



Step 14

Reinstall the factory Retaining Clip onto the Wastegate Linkage.



Step 15

Reinstall the Turbo by following the factory Service Manual.



Step 16

Perform an Ignition Cycle with the Key On Engine Off two times. Leave key on for approximately 15 seconds each time.

This will reset the adaption for the Wastegate.



Step 17

Start the vehicle and confirm operation.



Finished!

Enjoy your IAG Wastegate!

