



INSTALLATION INSTRUCTIONS

MAKE: Jeep
MODEL: Wrangler (JL)
YEAR: 2018-2019
ENGINE: V6-3.6L (2/4 DR)
ALSO FITS: 2020 Jeep Gladiator JT V6-3.6L

Down-Pipe
48-48025-HC (Street)
48-48025-HN (Race)



RACE ONLY DISCLAIMER

This is a Race Only product that is to be used solely for competition, it cannot be used on vehicles that are operated on public streets, roads or highways. Its use is limited to closed-course and open-course racing that is formally sanctioned by a recognized racing organization. Any other use, including recreational off-road use, could be in violation of local, state and federal laws. A competition acknowledgement / liability release form must be filled out and submitted.

Parts Included:

- Left Down-Pipe
(P/N: 05-144530) Street
(P/N: 05-144533) Race
- Right Down-Pipe
(P/N: 05-144531) Street
(P/N: 05-144534) Race
- (P/N: 05-144532) Loop Assembly

Hardware Included:

- (P/N: 05-41235) 2" Band Clamp (x1)
- (P/N: 05-40103) 3/8" Nuts (x2)
- (P/N: 05-40104) 3/8" Screws (x2)
- (P/N: 03-50189) Nuts (x2)
- (P/N: 03-50346) 65mm Screws (x2)
- (P/N: 05-46123) Fire Sleeve 6in (x1)

Caution: aFe recommends professional installation on our products. Allow time for your vehicle to cool down prior to installation. When working on or under your vehicle proceed with caution. Exhaust systems reach high temperatures and may cause serious burns. Wear protective safety equipment; eye goggles and gloves to ensure a safe installation.

Step 1: (Read instructions prior to installation.) A trained professional is recommended for this removal and installation of product.

Step 2: A Secure the stock exhaust with jack/stands.

Step 3: Disconnect the negative battery terminal.

Step 4: Remove the driver and passenger side front wheels and fender flare, and fender liner.

NOTE: INNER FENDERLINER AND FENDER FLARE ARE REMOVED AS A UNIT.

NOTE: DO NOT DRILL RIVETS ON OUTSIDE OF FENDER FLARE.

Step 5: Remove the cross member.

Step 6: Unplug all the O2 sensors from the wire harness.

NOTE: LABEL EACH SENSOR BEFORE REMOVAL.

NOTE: THE DOWN PIPES WILL BE REMOVED AND INSTALLED FROM UNDER THE VEHICLE.

Step 7: Remove the driver side (x4) bolts that secure the stock down pipe to the engine.

Step 8: Remove the (x2) bolts that hold the stock down pipe to the stock y-pipe and remove the stock down pipe.

Step 9: Remove the O2 sensors from the stock down pipe and install onto aFe down pipe.

Step 10: Remove the passenger side (x4) bolts that secure the stock down pipe to the engine.

Step 11: Remove the (x2) bolts that hold the stock down pipe to the y-pipe and remove the stock down pipe.

Step 12: Remove the O2 sensors from the stock down pipe and install onto aFe down pipe.

Step 13: Install the passenger side aFe down pipe using the stock bolts / gasket at the engine and the provided bolts / nuts at the lower connection. Do not fully tighten.

Step 14: Install the driver side aFe down pipe to the engine with the stock bolts / gasket. Slide the aFe loop pipe over the driver side aFe down pipe using 2.0"zz band clamp. Use the provided bolts and nuts to secure the loop pipe to the stock y-pipe. Do not fully tighten.



INSTALLATION INSTRUCTIONS

MAKE: Jeep
MODEL: Wrangler (JL)
YEAR: 2018-2019
ENGINE: V6-3.6L (2/4 DR)
ALSO FITS: 2020 Jeep Gladiator JT V6-3.6L

Down-Pipe
48-48025-HC (Street)
48-48025-HN (Race)



RACE ONLY DISCLAIMER

This is a Race Only product that is to be used solely for competition, it cannot be used on vehicles that are operated on public streets, roads or highways. Its use is limited to closed-course and open-course racing that is formally sanctioned by a recognized racing organization. Any other use, including recreational off-road use, could be in violation of local, state and federal laws. A competition acknowledgement / liability release form must be filled out and submitted.

Parts Included:

- Left Down-Pipe
(P/N: 05-144530) Street
(P/N: 05-144533) Race
- Right Down-Pipe
(P/N: 05-144531) Street
(P/N: 05-144534) Race
- (P/N: 05-144532) Loop Assembly

Hardware Included:

- (P/N: 05-41235) 2" Band Clamp (x1)
- (P/N: 05-40103) 3/8" Nuts (x2)
- (P/N: 05-40104) 3/8" Screws (x2)
- (P/N: 03-50189) Nuts (x2)
- (P/N: 03-50346) 65mm Screws (x2)
- (P/N: 05-46123) Fire Sleeve 6in (x1)

Caution: aFe recommends professional installation on our products. Allow time for your vehicle to cool down prior to installation. When working on or under your vehicle proceed with caution. Exhaust systems reach high temperatures and may cause serious burns. Wear protective safety equipment; eye goggles and gloves to ensure a safe installation.

- Step 15:** Ensure that all the parts are in alignment and then tighten the (x4) bolts on each side that secure the down pipes to the engine.
- Step 16:** Tighten the loop pipe band clamp, and the bolts and nuts securing the down pipes to the stock y-pipe.
- Step 17:** On the passenger side install the sleeve over the stock OE sensor plug wire.
(See the photo for reference).
- Step 18:** Plug the O2 Sensors into the wire harness.
- Step 19:** Install the cross member.
- Step 20:** Install the front wheels and fender flare, and fender liner.
- Step 21:** Reconnect the battery.
- Step 22:** Double check all work and ensure everything is tight.
- Step 23:** Start the vehicle and check for any leaks.
- Step 24:** Congratulations, your system is now complete and fully installed! It is recommended to re-tighten all clamps and bolts after 50-100 miles.

