

Z1 OFF-ROAD GRAB HANDLE INSTALLATION MANUAL



This Installation Manual is intended for the following models:

2005-2021	Nissan Frontier (D40)
2005-2015	Nissan Xterra (N50)
2005-2012	Nissan Pathfinder (R51)
2004-2015	Nissan Titan (A60)
2016+	Nissan Titan (A61)

PROLOGUE:

Study these instructions completely before proceeding to assembly. The installer must have a thorough knowledge of automotive systems operation. If unfamiliar with any of the concepts outlined in this instruction, we recommend the installation be completed by a qualified professional.

WARNING!

Extreme caution should be taken when performing maintenance or performance upgrades to your vehicle. Please observe and abide by any Warning or Caution labels placed on the various components and tools used when servicing your vehicle. If you have any questions regarding installation or the various components included with the Z1 Off-Road Grab Handle, consult with a Professional Mechanic, or contact Z1 Off-Road for more information.

PARTS INCLUDED:

Item	Quantity	Description
1	1	Left Base
2	1	Right Base
3	1	Center Section
4	1	Grip
5	2	M6 x 1.0 Flanged Hex Head Screw, 35mm
6	2	M6 x 1.0 Socket Head Screw, 25mm

TOOLS REQUIRED:

- Ratchet
- Ratchet Extension(s)
- Assorted Metric Sockets
- Allen/Hex Keys
- Silicone Spray

SAFETY REQUIREMENTS:

- Always wear safety glasses and any necessary protective garments. If using any fluids, chemicals, or solvents, a respirator is recommended.
- Always use properly rated jack stands when working under your vehicle.
- Always keep limbs and parts away from moving drivetrain parts.
- Always turn the ignition to the OFF position and disconnect the NEGATIVE battery terminal.
- Only operate drivetrain in safe space and well-ventilated areas.

BEFORE YOU BEGIN:

Remove contents from the Z1 Off-Road Grab Handle and verify that ALL necessary hardware is present.

PROCEDURE:

1. Place the transmission in Park position (or in Reverse gear if equipped with a manual transmission). Apply the parking brake.
2. Remove the Grab Handle from the side of the vehicle you want to replace:
 - a. Remove the (2) two caps on the Grab Handle. *Figure 1.*



Figure 1

- b. Remove the (2) two bolts securing the Grab Handle to the vehicle and remove the Grab Handle. *Figure 2.*



Figure 2

3. Locate all included items. Position the Center Section into either Left or Right Base. Loosely secure with (1) one M6 x 1.0 Socket Head Screw, 25mm. *Figure 3.*

NOTE: Depending on the Grab Handle you ordered, the Center Section can be one of three different lengths.

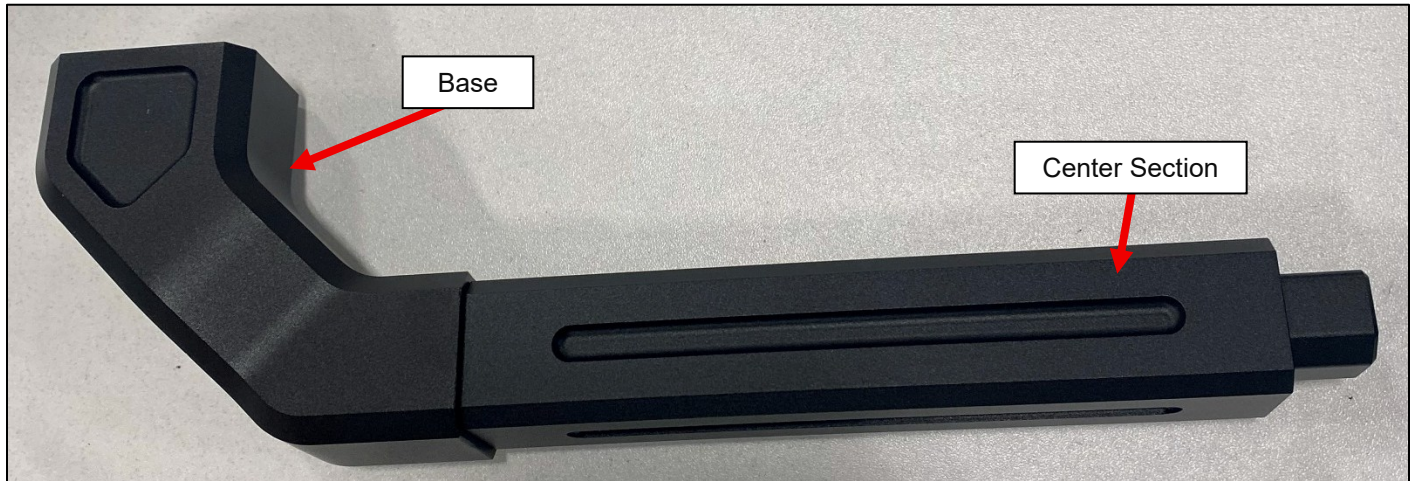


Figure 3

4. Slide the Grip over the Center Section. Use of Silicone Spray is highly recommended to ease installation. The Grip can be oriented in any way you desire. *Figure 4.*



Figure 4

5. Install the other Base onto the other side of the Center Section and loosely secure with the other M6 x 1.0 Socket Head Screw, 25mm. *Figure 5.*



Figure 5

6. Position the Grab Handle onto the vehicle where the OE Handle was located. Secure with the (2) two M6 x 1.0 Flanged Head Screws, 35mm. *Figure 6.*

NOTE: The Grab Handle can be oriented so that it faces closer/further away from the occupant.



Figure 6

7. Tighten the (2) two M6 Socket Head Screws to fully secure the Grab Handle.

END

Additional Technical Support:

Contact Z1 Off-Road at info@z1offroad.com
Or call 678-839-8019 between 9am and 6pm ET