

# Z1 D41 CHASE LIGHT HARNESS INSTALLATION MANUAL



This Installation Manual is intended for the following models:

2022+

Nissan Frontier (D41)

## 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 D41 Chase Light Harness, consult with a Professional Mechanic, or contact Z1 Off-Road for more information.

## **PARTS INCLUDED:**

| Item | Quantity | Description     |
|------|----------|-----------------|
| 1    | 2        | T-Connector     |
| 2    | 1        | Main Harness    |
| 3    | 1        | Adapter Harness |
| 4    | 1        | Light Bar       |

## **TOOLS REQUIRED:**

- Ratchet
- Ratchet Extension(s)
- Assorted Metric Sockets
- Zip Ties
- Allen/Hex Keys

## **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 D41 Chase Light Harness and verify that ALL necessary hardware is present.

This product is intended for users with the [Z1 Off-Road Bed Rack](#), but could be adapted to other systems.

## **PROCEDURE:**

1. Place the transmission in Park position (or in Reverse gear if equipped with a manual transmission). Apply the parking brake.
2. Open the tailgate of the vehicle.
3. On each side of the vehicle, remove the (2) two bolts securing each Taillight to the vehicle. *Figure 1.*



*Figure 1*

4. Starting on the Driver Side of the vehicle, unclip and remove the Taillight from the vehicle. *Figure 2.*
5. Disconnect the Wiring Harness from the Taillight. *Figure 2.*



*Figure 2*

6. Locate (1) one T-Harness. Connect the T-Harness to the Taillight and the OE Taillight Wiring Harness. *Figure 3.*



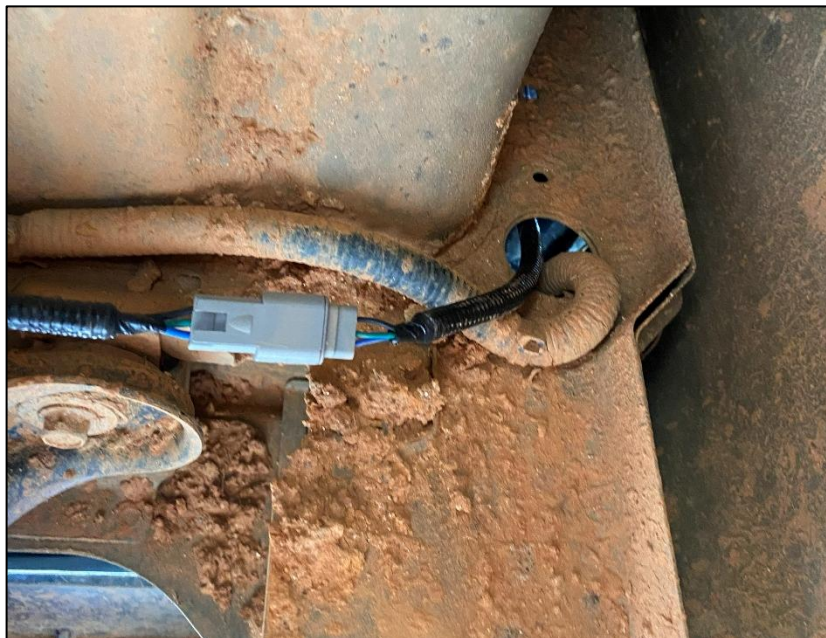
*Figure 3*

7. Feed the open end of the T-Harness through the hole that the OE Taillight Harness runs through. *Figure 4.*



*Figure 4*

8. Reinstall the Taillight to the vehicle and secure with the (2) two OE bolts removed in *Step 3*.
9. Repeat *Steps 4-7* on the Passenger Taillight. Do not reinstall the (2) two bolts yet, as the Main Harness will need to connect to the Adapter Harness behind the Taillight.
10. Locate the Main Harness. Underneath the bed of the vehicle, connect the end with (1) one connector to the Driver Side T-Harness. *Figure 5.*



*Figure 5*

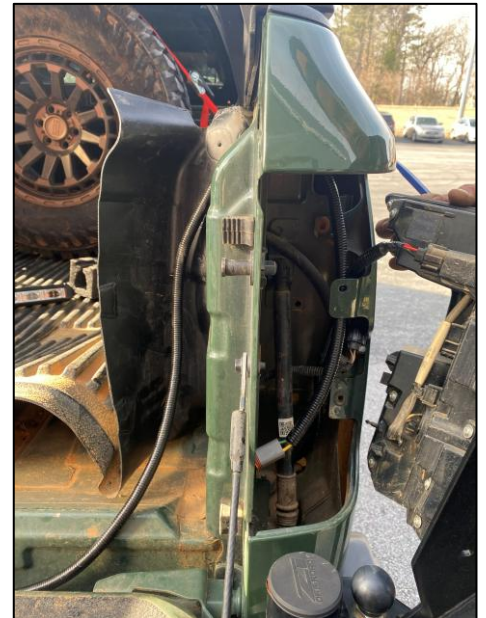
11. Route the Main Harness over to the Passenger Side, zip tie it along the OE Wiring Harness to secure it.  
*Figure 6.*



*Figure 6*

12. Connect the other end of the Main Harness to the Passenger Side T-Harness.
13. Locate the Adapter Harness. Route the Harness through the Hole in the Passenger Side of the bed and join it to the Main Harness behind the Passenger Side Taillight. *Figure 7.*

**NOTE:** If you have the Plastic Bed Liner, it will need to be pulled away from the Bed Support to access the hole to run the harness. The Bed Liner will need to be slightly trimmed for clearance of the Harness.



*Figure 7*

14. Route the other side of the Adapter Harness up the Bed Rack. *Figure 8.*



*Figure 8*

15. Use the Hardware included with the Light Bar and the Bed Rack Light Bar Mounts to secure the Light Bar to the Bed Rack. Connect the Adapter Harness to the Light Bar. *Figure 9.*

16. Zip Tie any slack of the Wiring Harnesses out of the way. *Figure 9.*



*Figure 9*

17. Reinstall the Passenger Taillight into the vehicle.

18. Turn on the vehicle and test the Light Bar.

**END**

**Additional Technical Support:**

Contact Z1 Off-Road at [info@z1offroad.com](mailto:info@z1offroad.com)  
Or call 678-839-8019 between 9am and 6pm ET