

CODE3 Matrix Switchnode Brackets



CODE3 Matrix Switchnode Brackets Instruction Manual

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CODE3 Matrix Switchnode Brackets



Product Information

Specifications

- **Product Name:** MATRIX SWITCHNODE BRACKETS
- Installation and Operation Instructions
- Proper installation and operator training are essential for safety
- High electrical voltages and/or currents may be required
- Proper grounding is necessary
- Placement and installation affect performance
- The vehicle operator's responsibility to ensure daily functionality
- Warning device does not guarantee driver reaction
- Intended for use by authorized personnel only

Product Usage Instructions

Installation and Mounting – PIU 2020+

1. **Step 1:** Install the Switch Node onto the bracket with provided screws. Torque to 10 in-lbs.
2. **Step 2:** Remove factory ECU bolts. See Figure 1 & 2. Note: Be sure to support the vehicle ECU while the bolts are removed.
3. **Step 3:** Install the bracket over the top of the vehicle ECU with the bolts removed in Step 2. Use torque specifications recommended by the vehicle manufacturer. See Figure 3.
4. **Step 4:** Follow the instructions provided with the Switch Node for wiring installation.

Installation and Mounting – Tahoe 2021+

1. **Step 1:** Install the Switch Node onto the bracket with provided screws. Torque to 10 in-lbs.
2. **Step 2:** Loosen factory battery box bolts. See Figure 4.
3. **Step 3:** Slide the bracket between the bolt and battery box mounts. Swing bracket into place. See Figure 5.

4. **Step 4:** Tighten battery box bolts to vehicle manufacturer specifications.
5. **Step 5:** Follow the instructions provided with the Switch Node for wiring installation.

FAQ (Frequently Asked Questions)

- **Q: Who should install and use this product?**

A: This product should be installed and used by authorized personnel who have read and understood the safety information in the manual.

- **Q: What should I do if the warning signal is blocked by vehicle components or obstructions?**

A: It is the responsibility of the vehicle operator to ensure that the warning signal is not blocked. Check for any open trunks or compartment doors, people, vehicles, or other obstructions that may interfere with the projection of the warning signal.

- **Q: Does using this warning device guarantee that all drivers will observe or react to the emergency signal?**

A: No, the use of this or any other warning device does not ensure that all drivers will observe or react to an emergency signal. It is the responsibility of the vehicle operator to proceed safely and not take the right-of-way for granted.

- **Q: Is this product compliant with all laws and regulations?**

A: The user is responsible for understanding and obeying all laws regarding emergency warning devices. Check all applicable city, state, and federal laws and regulations. The manufacturer assumes no liability for any loss resulting from the use of this warning device.

IMPORTANT SAFETY INSTRUCTION

IMPORTANT!

Read all instructions before installing and using. Installer: This manual must be delivered to the end user.

WARNING!

Failure to install or use this product according to the manufacturer's recommendations may result in property damage, serious injury, and/or death to those you are seeking to protect!

Do not install and/or operate this safety product unless you have read and understood the safety information contained in this manual.

1. Proper installation combined with operator training in the use, care, and maintenance of emergency warning devices are essential to ensure the safety of emergency personnel and the public.
2. Emergency warning devices often require high electrical voltages and/or currents. Exercise caution when working with live electrical connections.
3. This product must be properly grounded. Inadequate grounding and/or shorting of electrical connections can cause high current arcing, which can cause personal injury and/or severe vehicle damage, including fire.
4. Proper placement and installation are vital to the performance of this warning device. Install this product so that the output performance of the system is maximized and the controls are placed within convenient reach of the operator so that they can operate the system without losing eye contact with the roadway.
5. Do not install this product or route any wires in the deployment area of an airbag. Equipment mounted or located in an airbag deployment area may reduce the effectiveness of the airbag or become a projectile that

- could cause serious personal injury or death. Refer to the vehicle owner's manual for the airbag deployment area. It is the responsibility of the user/operator to determine a suitable mounting location ensuring the safety of all passengers inside the vehicle particularly avoiding areas of potential head impact.
6. It is the responsibility of the vehicle operator to ensure daily that all features of this product work correctly. In use, the vehicle operator should ensure the projection of the warning signal is not blocked by vehicle components (i.e., open trunks or compartment doors), people, vehicles or other obstructions.
 7. The use of this or any other warning device does not ensure all drivers can or will observe or react to an emergency warning signal. Never take the right-of-way for granted. It is the vehicle operator's responsibility to be sure they can proceed safely before entering an intersection, drive against traffic, respond at a high rate of speed, or walk on or around traffic lanes.
 8. This equipment is intended for use by authorized personnel only. The user is responsible for understanding and obeying all laws regarding emergency warning devices. Therefore, the user should check all applicable city, state, and federal laws and regulations. The manufacturer assumes no liability for any loss resulting from the use of this warning device.

Installation and Mounting

PIU 2020+

- **Step 1.** Install the Switch Node onto the bracket with provided screws. Torque to 10 in-lbs.
- **Step 2.** Remove factory ECU bolts. See Figure 1 & 2. Note: Be sure to support the vehicle ECU while the bolts are removed.
- **Step 3.** Install the bracket over the top of the vehicle ECU with the bolts removed in Step 2. Use torque specifications recommended by the vehicle manufacturer. See Figure 3.
- **Step 4.** Follow the instructions provided with the Switch Node for wiring installation.



Figure 1



Figure 2



Figure 3

Tahoe 2021+

- **Step 1.** Install the Switch Node onto the bracket with provided screws. Torque to 10 in-lbs.
- **Step 2.** Loosen factory battery box bolts. See Figure 4.
- **Step 3.** Slide bracket between the bolt and battery box mounts. Swing bracket into place. See Figure 5.
- **Step 4.** Tighten battery box bolts to vehicle manufacturer specifications.
- **Step 5.** Follow the instructions provided with the Switch Node for wiring installation

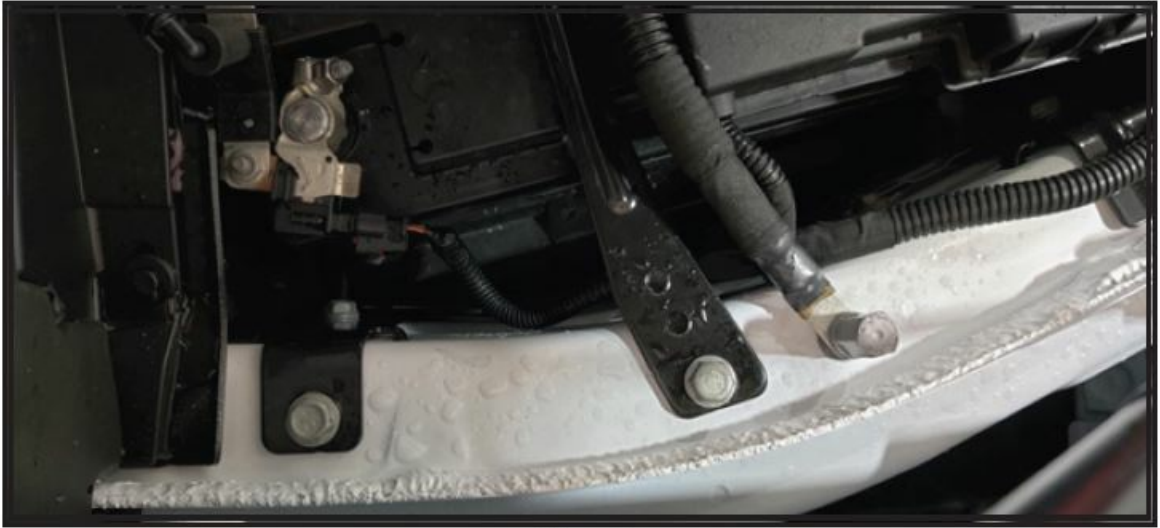


Figure 4

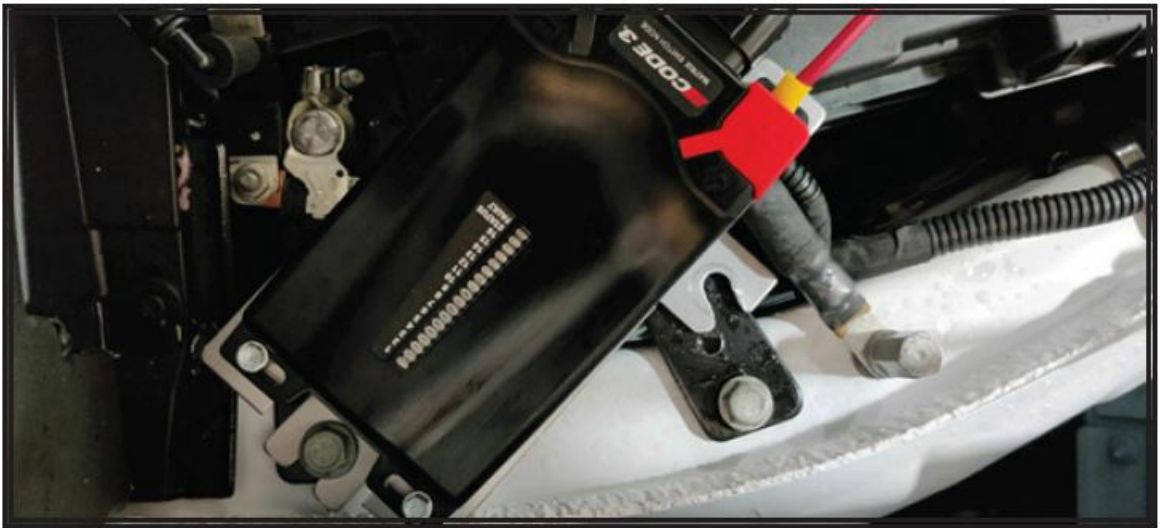


Figure 5



Figure 6

Warranty

Manufacturer Limited Warranty Policy:

Manufacturer warrants that on the date of purchase, this product will conform to the Manufacturer's specifications for this product (which are available from the Manufacturer upon request). This Limited Warranty extends for Sixty (60) months from the date of purchase.

DAMAGE TO PARTS OR PRODUCTS RESULTING FROM TAMPERING, ACCIDENT, ABUSE, MISUSE, NEGLIGENCE, UNAPPROVED MODIFICATIONS, FIRE OR OTHER HAZARD; IMPROPER INSTALLATION OR OPERATION; OR NOT BEING MAINTAINED BY THE MAINTENANCE PROCEDURES OUTLINED IN THE MANUFACTURER'S INSTALLATION AND OPERATING INSTRUCTIONS VOIDS THIS LIMITED WARRANTY.

Exclusion of Other Warranties:

THE MANUFACTURER MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED. THE IMPLIED WARRANTIES FOR MERCHANTABILITY, QUALITY OR FITNESS FOR A PARTICULAR PURPOSE, OR ARISING FROM A COURSE OF DEALING, USAGE OR TRADE PRACTICE ARE HEREBY EXCLUDED AND SHALL NOT APPLY TO THE PRODUCT AND ARE HEREBY DISCLAIMED, EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW. ORAL STATEMENTS OR REPRESENTATIONS ABOUT THE PRODUCT DO NOT CONSTITUTE WARRANTIES.

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MANUFACTURER'S SOLE LIABILITY AND BUYER'S EXCLUSIVE REMEDY IN CONTRACT, TORT (INCLUDING NEGLIGENCE), OR UNDER ANY OTHER THEORY AGAINST MANUFACTURER REGARDING THE PRODUCT AND ITS USE SHALL BE, AT MANUFACTURER'S DISCRETION, THE REPLACEMENT OR REPAIR OF THE PRODUCT, OR THE REFUND OF THE PURCHASE PRICE PAID BY BUYER FOR NON-CONFORMING PRODUCT. IN NO EVENT SHALL THE MANUFACTURER'S LIABILITY ARISING OUT OF THIS LIMITED WARRANTY OR ANY OTHER CLAIM RELATED TO THE MANUFACTURER'S PRODUCTS EXCEED THE AMOUNT PAID FOR THE PRODUCT BY BUYER AT THE TIME OF THE ORIGINAL PURCHASE. IN NO EVENT SHALL THE MANUFACTURER BE LIABLE FOR LOST PROFITS, THE COST OF SUBSTITUTE EQUIPMENT OR LABOR, PROPERTY DAMAGE, OR OTHER SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES BASED UPON ANY CLAIM FOR BREACH OF CONTRACT, IMPROPER INSTALLATION, NEGLIGENCE, OR OTHER CLAIM, EVEN IF MANUFACTURER OR A MANUFACTURER'S REPRESENTATIVE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE MANUFACTURER SHALL HAVE NO FURTHER OBLIGATION OR LIABILITY FOR THE PRODUCT OR ITS SALE, OPERATION AND USE, AND THE MANUFACTURER NEITHER ASSUMES NOR AUTHORIZES THE ASSUMPTION OF ANY OTHER OBLIGATION OR LIABILITY IN CONNECTION WITH SUCH PRODUCT.

This Limited Warranty defines specific legal rights. You may have other legal rights which vary from jurisdiction to jurisdiction. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages.

Product Returns:

If a product must be returned for repair or replacement*, please contact our factory to obtain a Return Goods Authorization Number (RGA number) before you ship the product to Code 3®, Inc. Write the RGA number clearly on the package near the mailing label. Be sure you use sufficient packing materials to avoid damage to the product being returned while in transit.


Code 3®, Inc. reserves the right to repair or replace at its discretion. Code 3®, Inc. assumes no responsibility or liability for expenses incurred for the removal and /or reinstallation of products requiring service and/or repair.; nor for the packaging, handling, and shipping: nor for the handling of products returned to sender after the service has been rendered.

Contact Information

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- CODE3ESG.com.

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Documents / Resources

	CODE3 Matrix Switchnode Brackets [pdf] Instruction Manual Matrix Switchnode Brackets, Matrix, Switchnode Brackets, Brackets
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References

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- [🌐 Home - ECCO Safety Group](#)
- [User Manual](#)

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