

Conventional Trucks Bosch Telematics Installation Manual

HINO 392/401 VEHICLES

Taha Allali
HINO MOTOR MANUFACTURING

Contents

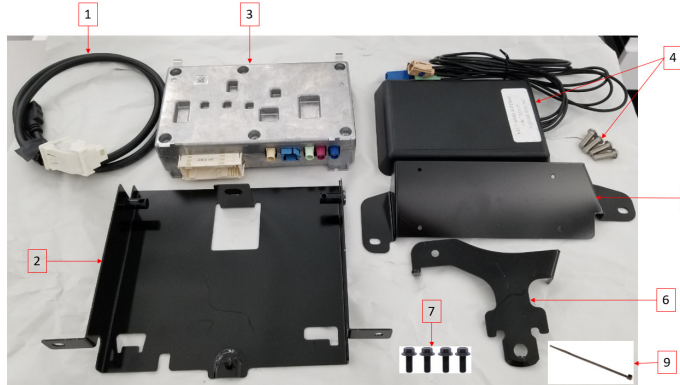
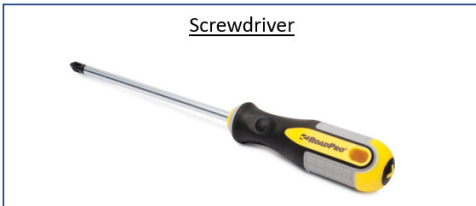
Introduction.....	2
Getting Started.....	2
Pre – Installation.....	3
Bosch Telematics Installation Steps.....	4
<u>Step 1</u> – Install Telematics Antenna (USS8990-010) on the Bracket (US89539-003).....	4
<u>Step 2</u> : Install the bracket (US89539-001) on the Bracket 82715-E5D21.....	5
<u>Step 3</u> : Install the <u>Step 1</u> Assembly on the Bracket 82715-E5D21.....	6
<u>Step 4</u> : Install the Telematics Module (USS8990-009) into Bracket (US89539-002).....	7
<u>Step 5</u> : Install the <u>Step 3/4</u> Assemblies on the ECU Rack.....	8-9
<u>Step 6</u> : Telematics Antenna wires and Jumper harness installation.....	10-11

Introduction

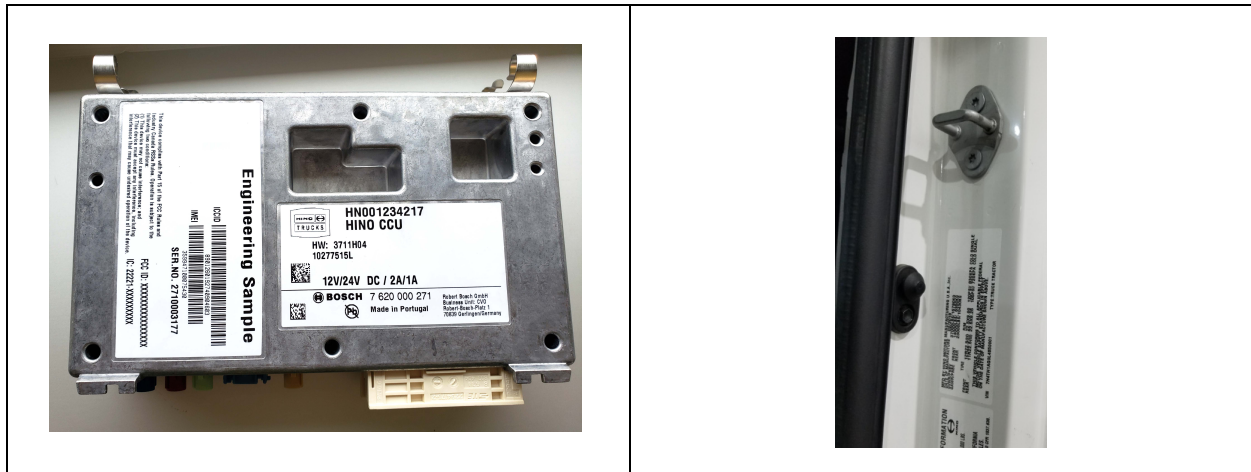
This Manual will take you step by step on installing Bosch Telematics on HINO 392/401 Vehicles.

Getting started

The table below contain the needed tools and parts for Bosch telematics set up.

<u>Tools needed</u>	<u>Parts needed</u>																											
<u>10mm Socket</u> 	<table><tr><th><u>Item</u></th><th><u>Part Number</u></th><th><u>QTY</u></th></tr><tr><td>1</td><td>US82233-A01</td><td>1</td></tr><tr><td>2</td><td>US89539-002</td><td>1</td></tr><tr><td>3</td><td>USS8990-009</td><td>1</td></tr><tr><td>4</td><td>USS8990-010</td><td>1</td></tr><tr><td>5</td><td>US89539-003</td><td>1</td></tr><tr><td>6</td><td>US89539-001</td><td>1</td></tr><tr><td>7</td><td>SZ119-06053</td><td>4</td></tr><tr><td>9</td><td>S4783-71230</td><td>5</td></tr></table>	<u>Item</u>	<u>Part Number</u>	<u>QTY</u>	1	US82233-A01	1	2	US89539-002	1	3	USS8990-009	1	4	USS8990-010	1	5	US89539-003	1	6	US89539-001	1	7	SZ119-06053	4	9	S4783-71230	5
<u>Item</u>	<u>Part Number</u>	<u>QTY</u>																										
1	US82233-A01	1																										
2	US89539-002	1																										
3	USS8990-009	1																										
4	USS8990-010	1																										
5	US89539-003	1																										
6	US89539-001	1																										
7	SZ119-06053	4																										
9	S4783-71230	5																										
<u>Ratchet</u> 																												
<u>Screwdriver</u> 																												

Pre-Installation

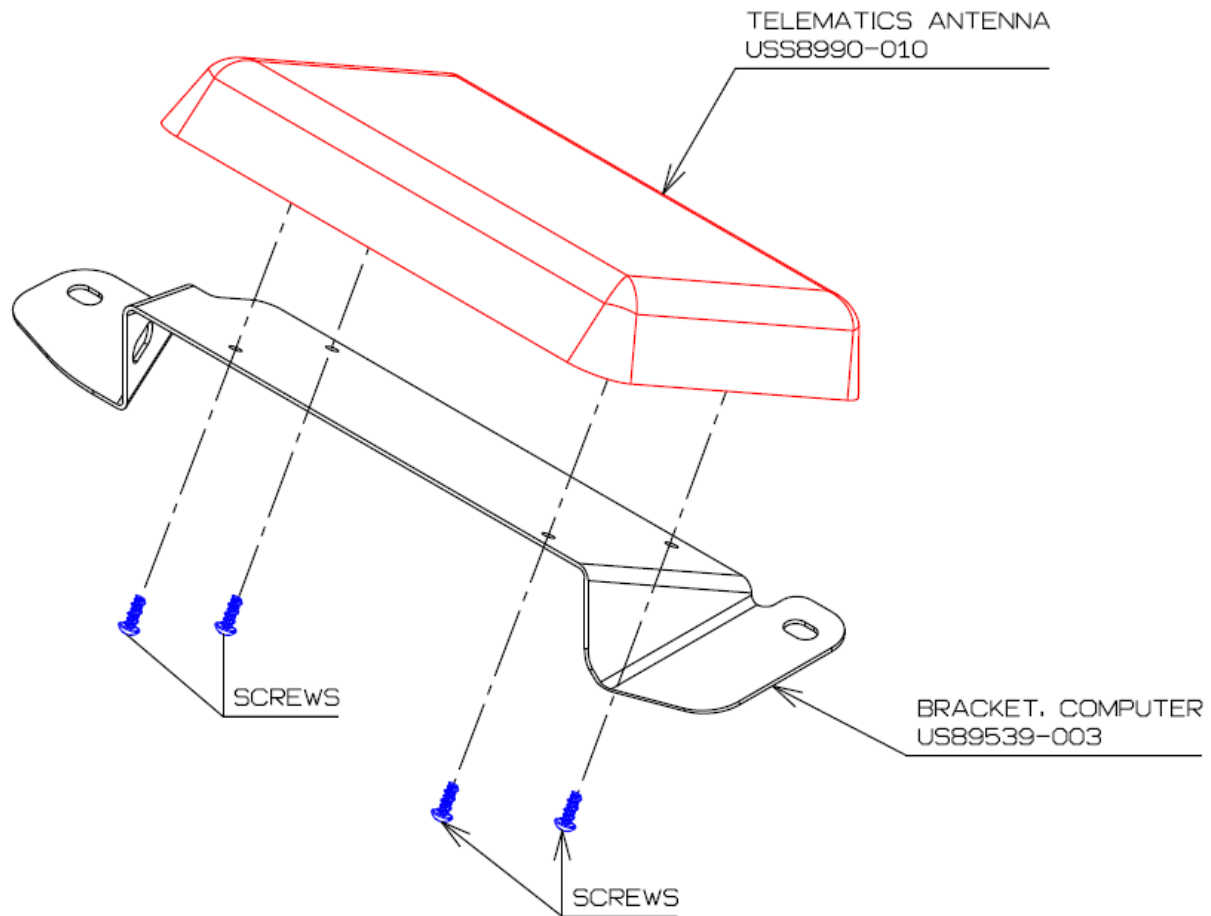


- ❖ Record ESN Number
 - ESN Label is located on the bottom of The Device (USS8990-009)
- ❖ Record VIN Number
 - VIN Number is on the label located on the driver door jam

Bosch Telematics Installation Steps

Step 1 – Install Telematics Antenna (USS8990-010) on the Bracket (US89539-003)

STEP 1: INSTALL THE USS8990-010 ON THE US89539-003



Notes:

- 1- Screws are parts of the Antenna Kit (USS8990-010)

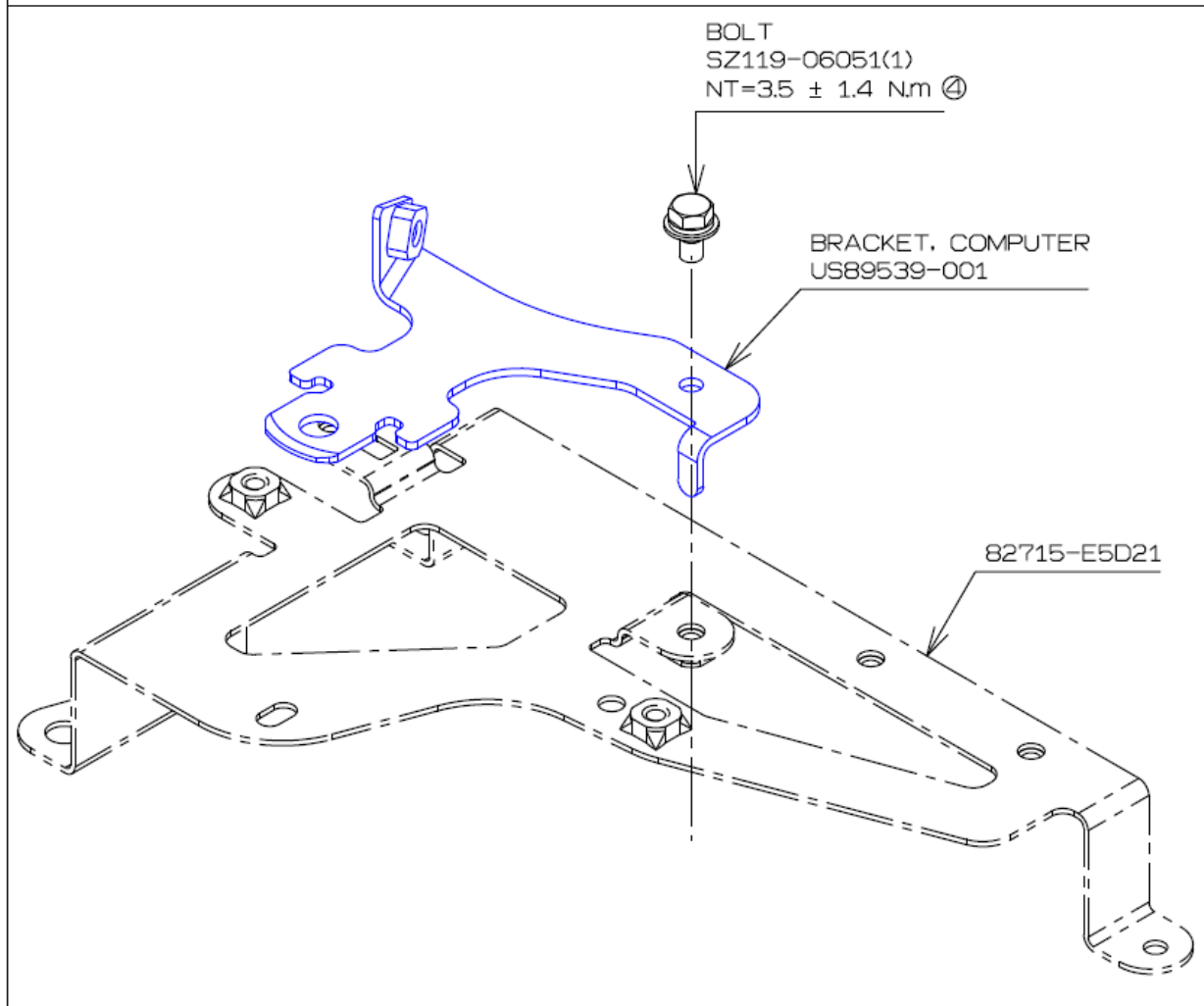
Step 2: Install the bracket (US89539-001) on the Bracket 82715-E5D21

IN CASE OF HALOGEN HEAD LIGHT.

STEP 2: INSTALL THE US89539-001 TO THE 82715-E5D21

IN CASE OF LED HEAD LIGHT.

SKIP STEP 2 AND GO DIRECTLY TO STEP 3

**Notes:**

- 1- US89539-001 will be installed only in the case of halogen light.

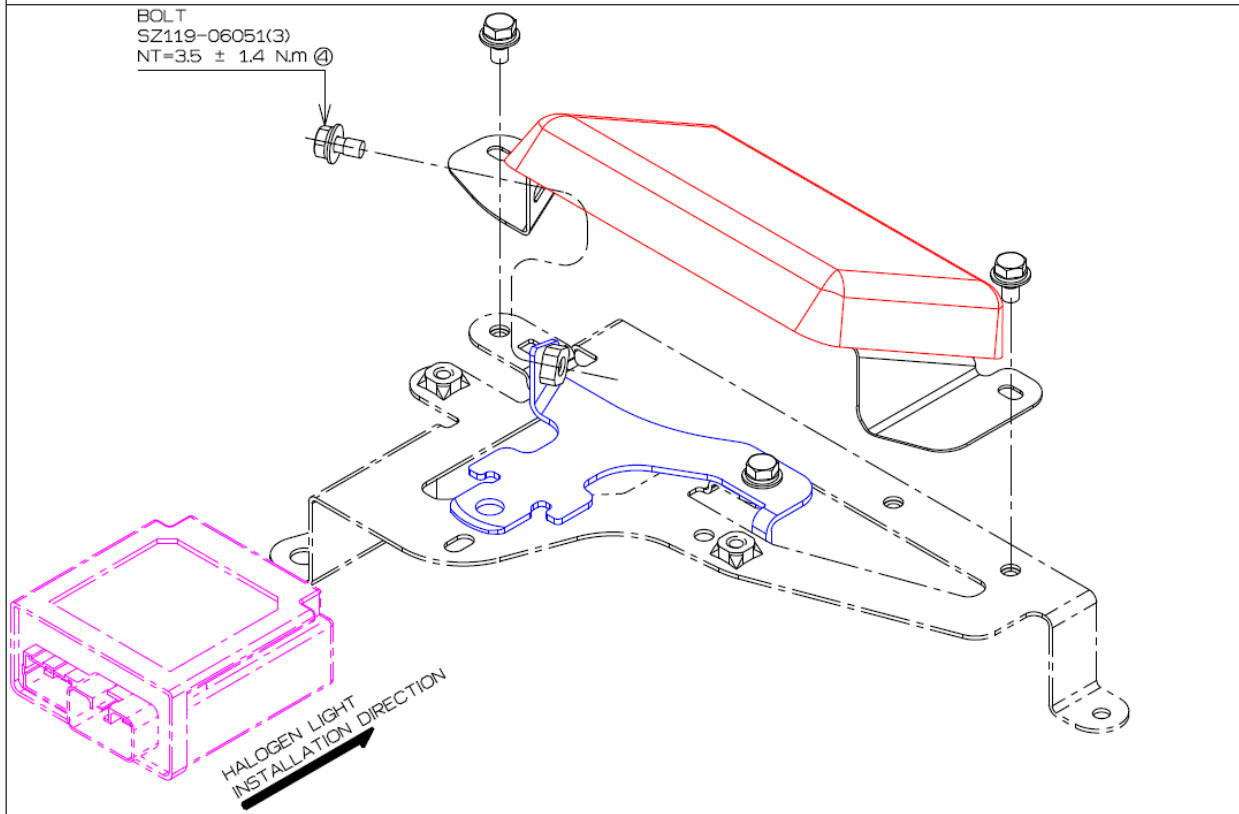
Step 3: Install the **Step 1** Assembly on the Bracket 82715-E5D21

IN CASE OF HALOGEN LIGHT.

STEP 3: INSTALL THE STEP 1 ASSEMBLY ON THE 82715-E5D21 AND THEN INSTALL THE HALOGEN LIGHT CONTROLLER

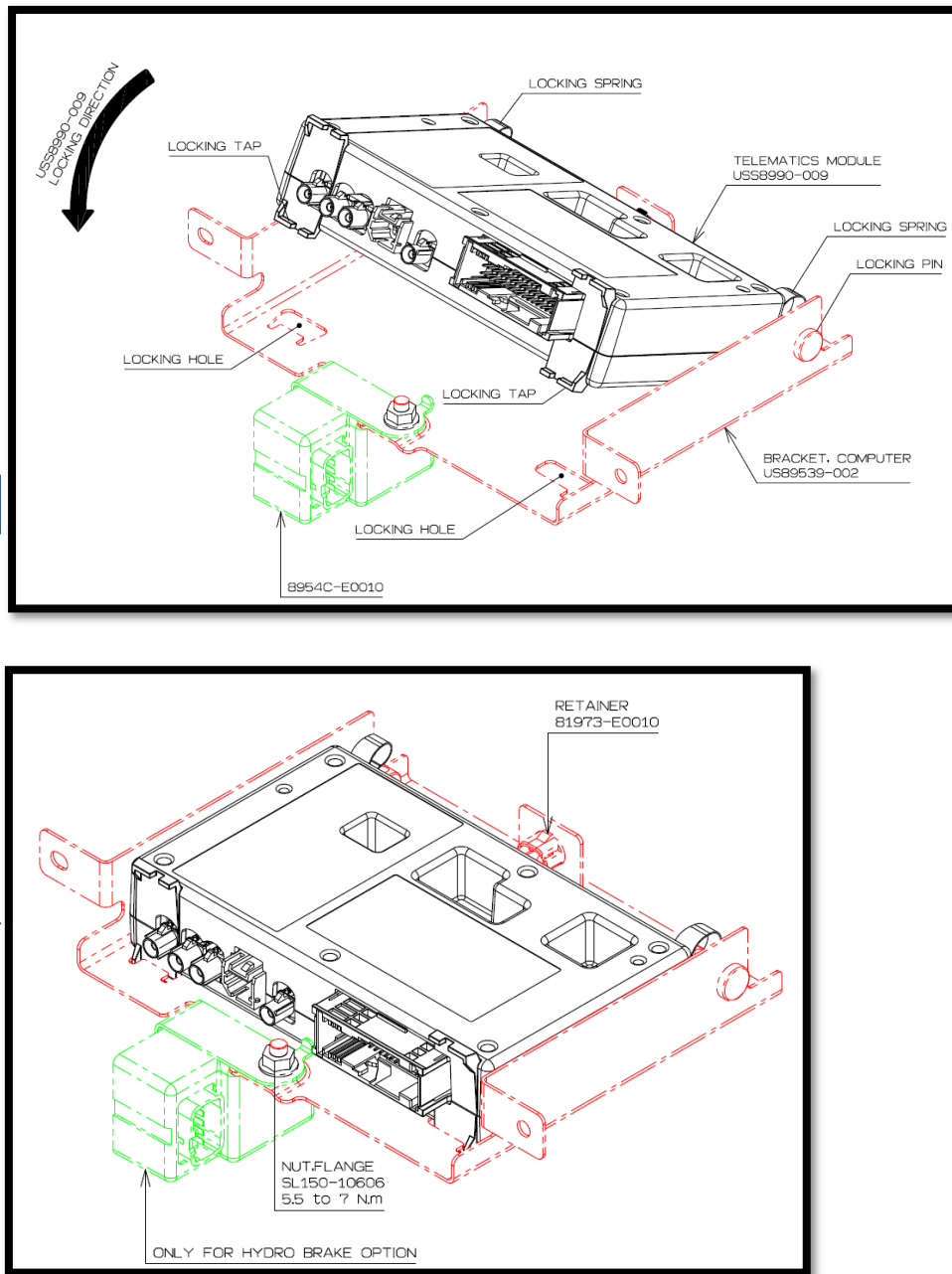
IN CASE OF LED HEAD LIGHT.

STEP 3: INSTALL THE STEP 1 ASSEMBLY ON THE 82715-E5D21

**Notes:**

- 1- US89539-001 will be installed only in the case of halogen light.
- 2- Halogen light controller will be installed only in the case of halogen light.

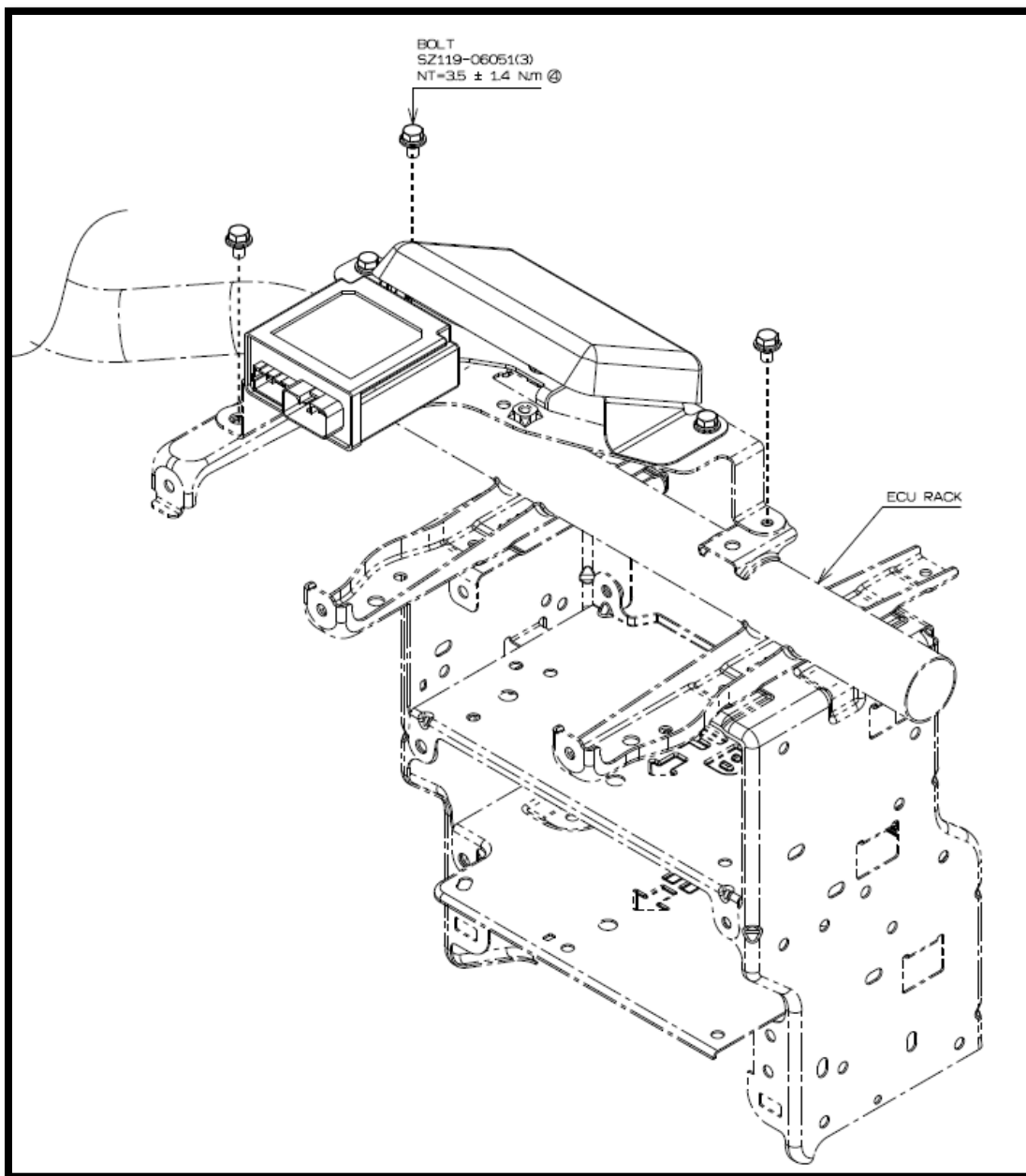
Step 4: Install the Telematics Module (USS8990-009) into Bracket (US89539-002)



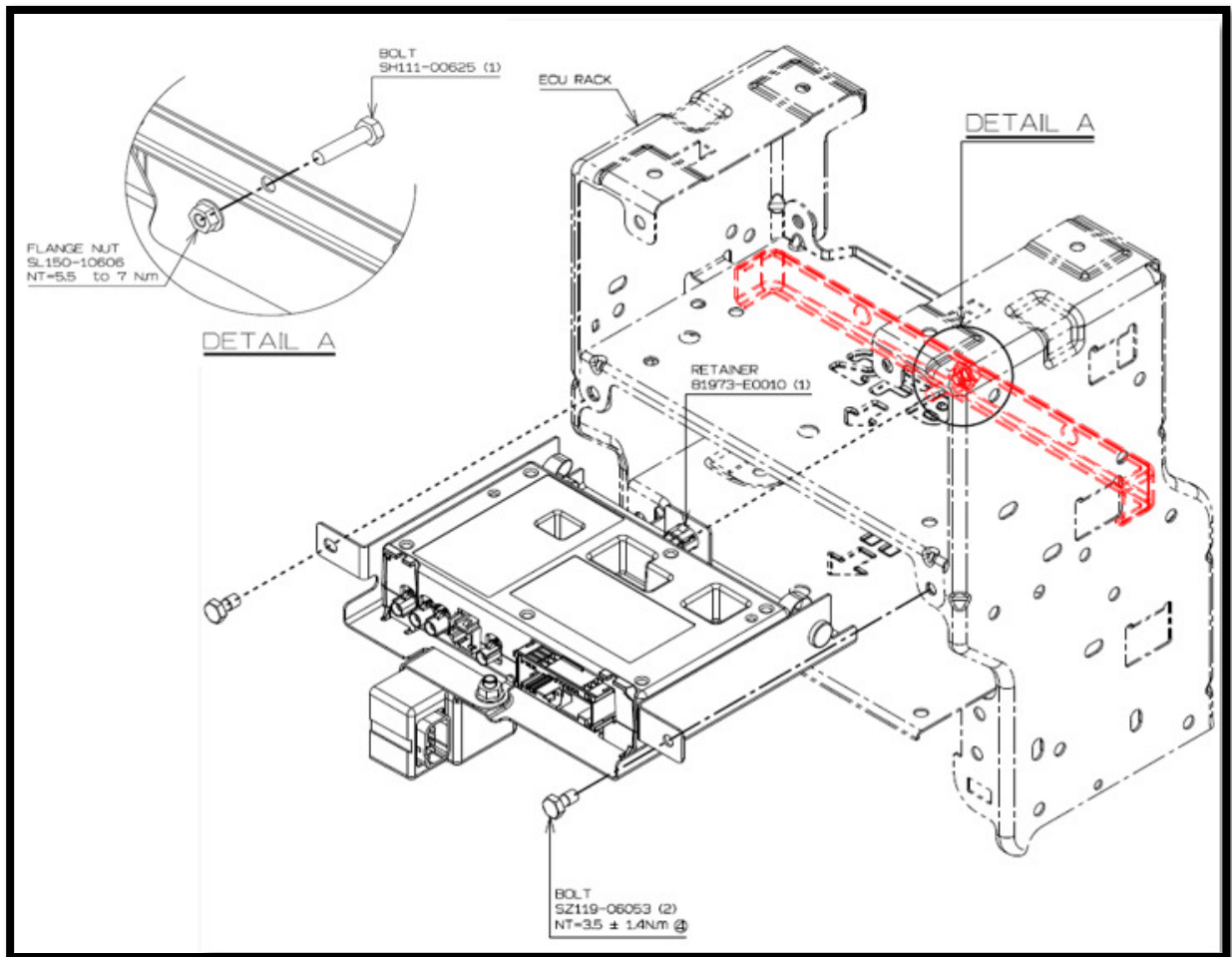
Notes:

Installation sequence:

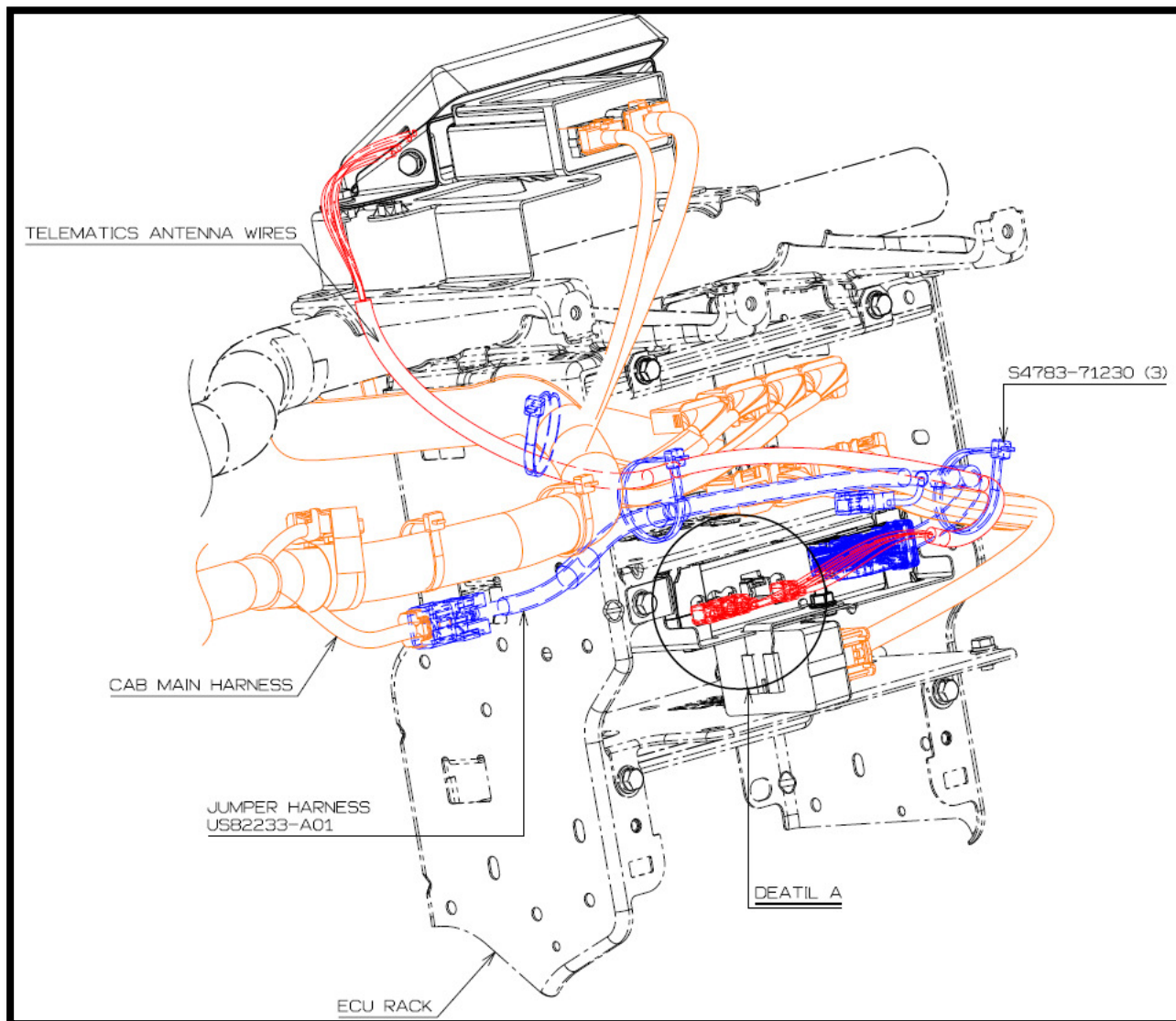
- 1- Compress the locking springs against the locking pins
- 2- Insert the locking taps into the locking holes
- 3- 8954C-E0010 Can be installed only in case of HYDRO BRAKES.

Step 5: Install the **Step 3/4** Assemblies on the ECU Rack**Notes:**

- 1- The dash and the rest of its components are not shown for clarity

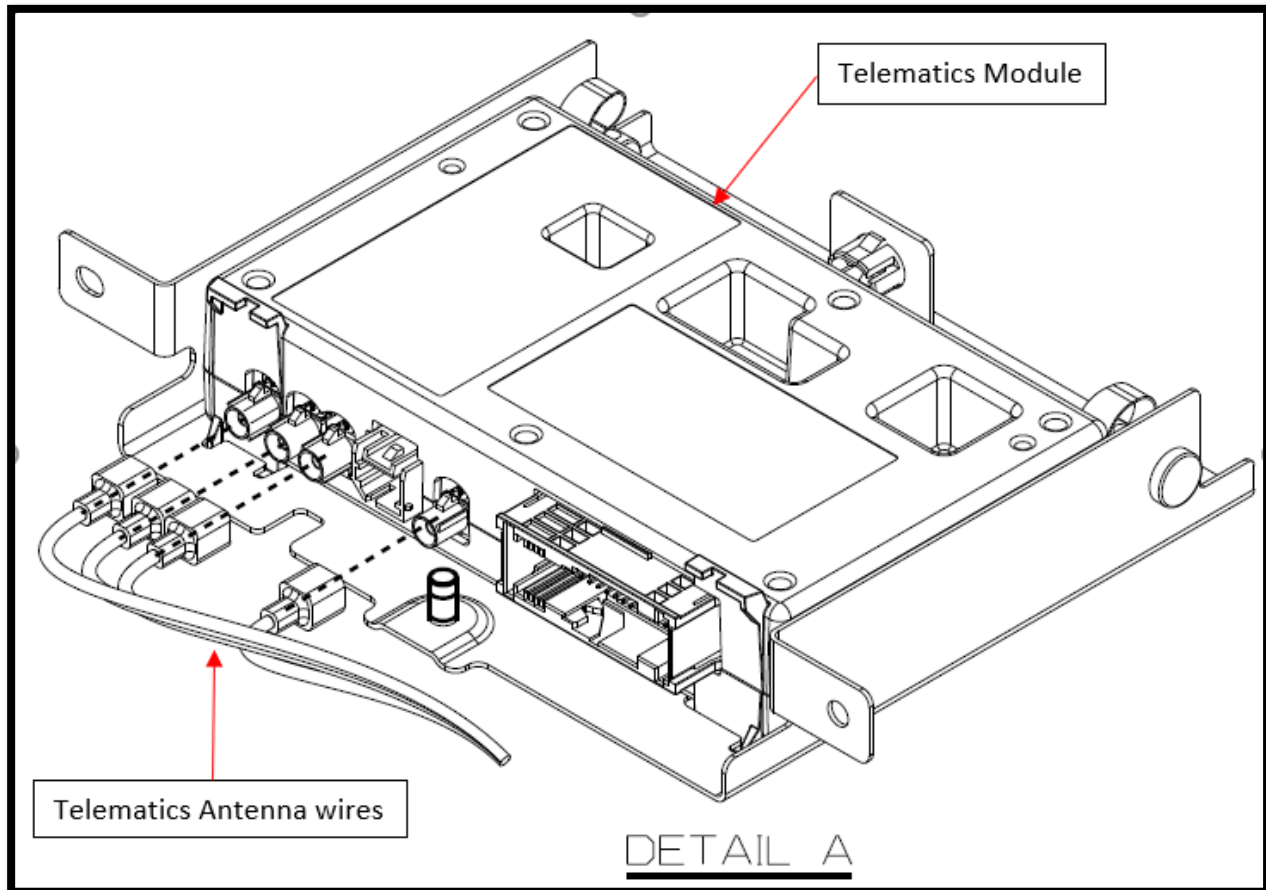
Step 5: Install the **Step 3/4** Assemblies on the ECU Rack**Notes:**

- 1- The dash and the rest of its components are not shown for clarity

Step 6: Telematics Antenna wires and Jumper harness installation**Notes:**

- 1- Jumper harness will get connected to the telematics module and the Cab main harness.
- 2- The Telematics Antenna wires will connect to the Telematics module. The view A in next page will show the Detail view A.

Step 6: Telematics Antenna wires and Jumper harness installation.



Notes:

- 1- The telematics antenna wires connectors color must match the color of the telematics module connectors.

For Example

The **blue** Telematics Antenna wire connector must be connected with the **blue** connector in the Telematics Module.

This device complies with Industry Canada's licence-exempt RSSs and part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

To comply with FCC / ISED RF Exposure requirements, the antenna must be installed to assure a minimum separation distance of 20 cm between the antenna and any human body during normal operation conditions.