


2022MY BRZ LED Upgrade Port Installation Instructions

 Ensure the VIN matches the work order and the vehicle date is in the lock period and there are no “Holds” on the vehicle for any reason. Ensure the vehicle calls for the accessory installation. Inspect the area where the accessory is to be installed and the vehicle for damages, etc. prior to all work.



PN: H461SCC100








CAUTION: ACCESSORY INSTALLATIONS PERFORMED BY UNTRAINED PERSONS COULD RESULT IN SERIOUS INJURY TO THOSE PERSONS OR TO OTHERS. Subaru Work Instructions are intended for use by professional accessory installers ONLY. They are written to provide step by step accessory installation instruction for a fast-paced production environment. Properly trained accessory installers have the equipment, tools , safety instructions and know-how to do the job correctly and safely. Included in this information are the use of “special” accessory installation fixtures and templates that are not available to the Retailers or general public. Please refer to the Retailer Installation Instructions found in Subaru Tech Info System (STIS).

SUBARU OF AMERICA, INC. IS “ISO 14001 COMPLIANT”
The international standard for excellence in Environmental Management Systems. Please recycle or dispose of automotive products in a manner that is friendly to our environment and in accordance with all local, state and federal laws and regulations.

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Inspect the LED Illumination package content to ensure no missing or damaged parts



	Stop: Damage may occur to the vehicle/part. Do not proceed until process has been complied with.
	Work Hazard Analysis (WHA): Operator safety-Use caution to avoid risk of injury.
	Caution: A process that must be carefully observed in order to reduce the risk of damage to the accessory/vehicle and to ensure a quality installation.
	Revision Mark/Highlight: This mark highlights a change in installation with respect to the previous issue.
	Work Instruction Training (WIT): Key point that designates an important step to ensure the quality of the installation.
	Recycle: Item to be recycled.
	Safety Torque - This mark indicates that a torque is related to safety

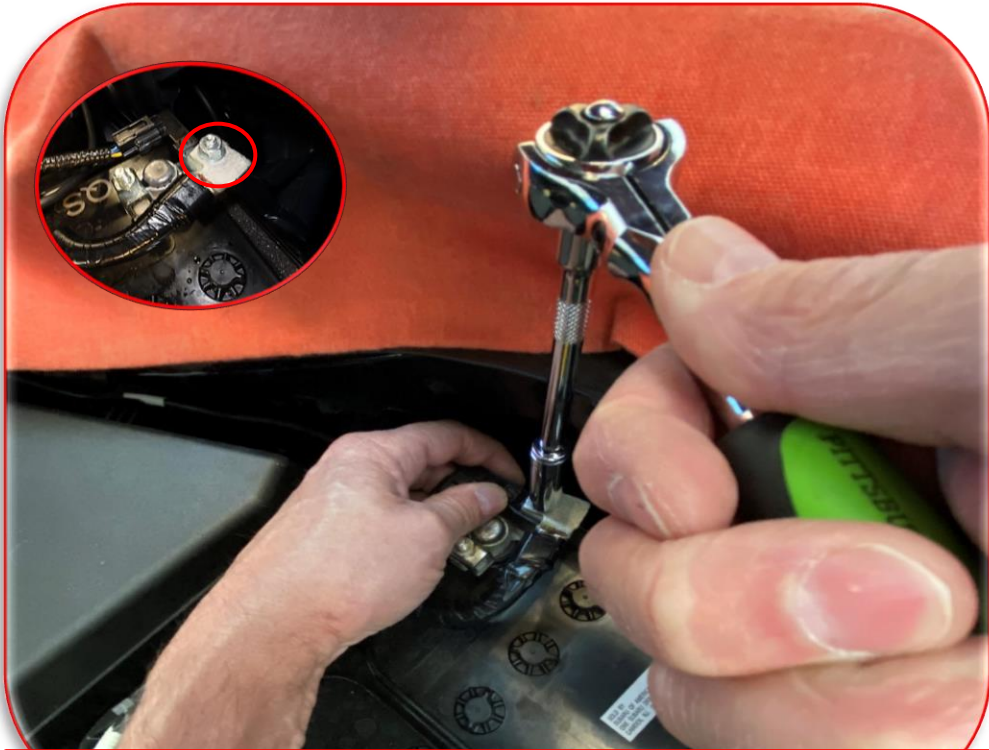
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Required Tools and Supplies

- Nylon trim tool, the “Scotty Peeler” Tool P# SPN-1
- Clean lint-free towels
- Vehicle Protection
- Masking tape
- ¼” Dr. Ratchet
- ¼” Dr. 8mm & 10mm Socket
- ¼” Dr. Torque Wrench
- Torque Marker




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While disconnecting the negative battery cable from the stud, hold the battery sensor in place with one hand while loosening the 10mm hex nut that secures the cable to the sensor. This will help support the sensor to prevent damage and also prevent the assembly from rotating on the battery post causing a poor connection. 

Open the hood and use the prop rod to hold the hood in the open position. While holding the battery sensor in place with one hand, use a ¼” drive ratchet and 10mm socket to remove the negative battery cable from the negative battery stud. Do not remove negative cable from the battery post. Position / protect the negative cable so it cannot accidentally touch body ground or the negative the battery terminal. Allow (60) seconds before the next installation step to ensure the airbag power supply is discharged.

 Carefully remove the negative battery cable from the battery stud only. Do not allow the negative cable to accidentally ground during the installation.

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Interior Protection

1. Place protection over the LF side sill/door jam when preparing to perform work inside vehicle.
2. Place protection center dash and shifter plate trim.



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Remove the Map Light Lens Cover

- 1) Apply masking tape to the area forward of the map lights to protect the area during lens removal.
 - 2) Carefully insert the Scotty Peeler Tool flat end between the LH map light lens and overhead console to dislodge and release the map light lens (Place the map light lens in a clean safe area to be reinstalled later).
- Repeat the removal procedure on the RH light lens.



Lens Clip Locations




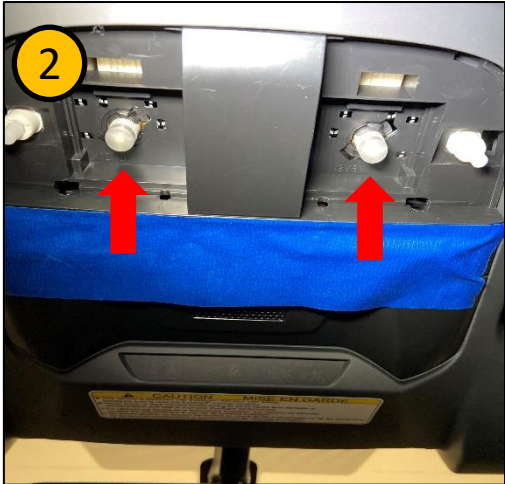
Closely inspect the “Scotty Peeler” Tool P# SPN-1 nylon trim tool to ensure it is defect free including no rough edges or modifications.



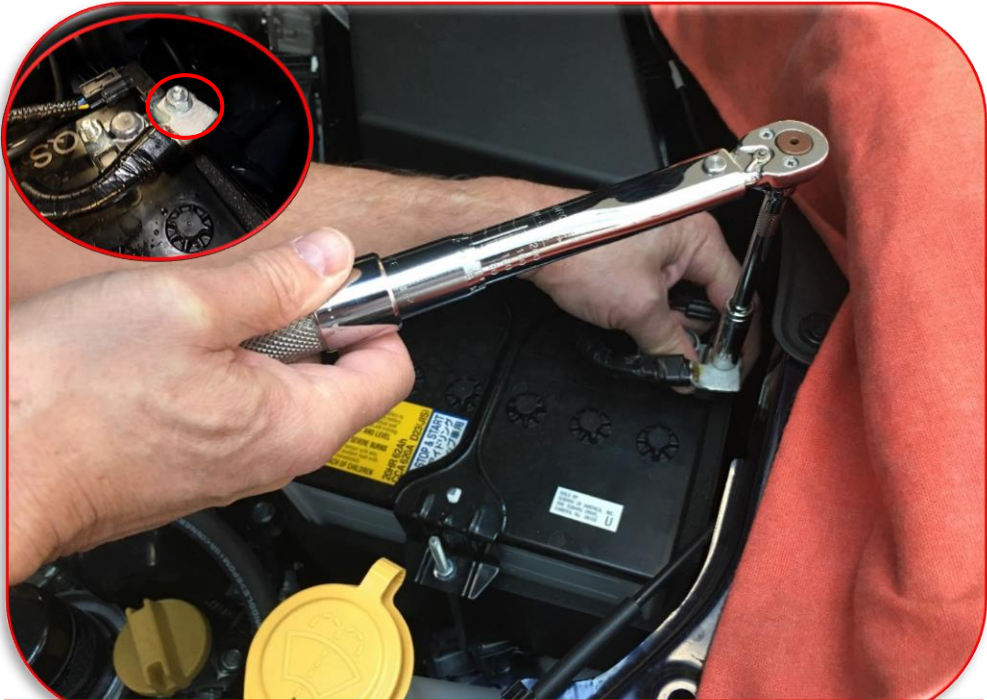
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Install LED Bulbs

1. Carefully remove the RH and LH incandescent factory bulbs and properly dispose. 
2. Insert and fully seat the accessory LED bulbs
3. Carefully insert the rear portion of the LH lens first to install the light lens then push up into place.
 - Repeat procedure on the RH side lens.
4. Remove making tape from overhead console and vehicle protection.



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While connecting the negative battery cable to the stud, hold the battery sensor in place with one hand while torquing the 10mm hex nut that secures the cable to the sensor. This will help support the sensor to prevent damage and also prevent the assembly from rotating on the battery post causing a poor connection. ⚠

Re-connect the negative cable by reinstalling the saved 10mm nut on the stud. Use a ¼" drive torque wrench and a 10mm socket, tighten the cable nut to 66 In. Lbs. while holding the sensor to prevent damage and prevent the assembly from rotating on the battery post.






Carefully reinstall the negative battery cable to the battery stud only. Do not allow the negative cable accidentally ground during the installation. ⚠

Torque mark the battery stud ⚠



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Check Your Work Validation

-  Ensure the battery negative terminal cable is properly reconnected, negative battery stud torqued to 66 in-lbs.
-  Ensure the map light lenses are properly re-installed and secured in place.
-  Ensure both LED Lights operate properly switching on and off.
-  Ensure no scratches or gouges around the installation area.
-  Ensure the map light lenses are clean without any dirt marks or smudges.

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Document History

<u>Revision</u>	<u>Date</u>	<u>Slide#</u>	<u>Description</u>	<u>Author</u>
A	8/24/2021	N/A	Original Release	RM