

INSTALLATION INSTRUCTIONS

JUN B.L Exhaust System

Twin Cat-back E.V.C Exhaust System

For

HYUNDAI Genesis G70

KIA Stinger



JUN B.L

1. WARNING & NOTE

1-1 표시사항



경고
Warning

경고 표시는 위반 시 심각한 상해나 사망을 입을 수 있는 경우나, 차량의 치명적 고장 및 그에 상당하는 물적 손해가 예상되는 내용입니다.

This mark refers to an item that an installer must follow. Otherwise, it may cause a significant injury, death, fundamental malfunction on the vehicle or physical damage.



주의
NOTE

주의 표시는 상해나 차량의 수리를 요하는 고장 및 그에 상당하는 물적 손해가 예상 되는 내용입니다.

Should items marked with are not followed as it is written in the installation guide, it may cause an injury, malfunction on the vehicle that may require service or physical damage.



경고 Warning

1-2. 경고사항

- 1) 본 제품의 설치 및 교체는 정비 시설 또는 그에 준하는 지정 설비를 갖춘 곳에서 설치 또는 교체하여야 합니다. 제3자 임의변경 개조를 하지 마십시오. 비지정 자격자의 임의 작업은 차량의 중대 한 결함 또는 제품 수명 단축의 주된 원인이 됩니다.
- 2) 본 제품의 설치에 자동차 아래에서의 작업이 많으므로 반드시 검증된 자동차 전용리프트를 사용 하여야 합니다. 차량의 추락 또는 제품의 부정확한 장착으로 인하여 사망 또는 차량의 중대한 결함이 생길 수 있습니다.
- 3) Exhaust system 관련 부품은 고온의 열이 발생하므로 작업 시 반드시 충분히 냉각을 한 후 작업을 해야 합니다.
- 4) 배기매니폴드, 촉매 등의 제품은 가연성 물질로 화재의 위험이 매우 높으므로 반드시 소화 시설을 갖춘 장소에서 주의하여 작업하시기 바랍니다. 화재 또는 화상의 원인이 됩니다.

1-2. Warning

- 1) This product must be installed or replaced at a service facility that maintains proper certification or a place equipped with designated equipments. This product should not be modified by any third party personnel. If the work is done by non- authorized or non-qualified personnel, it may cause a serious malfunction on the vehicle or shorten the lifecycle of it.
- 2) Since the installation work requires the mechanics to work under the vehicle, one must use qualified car-lift for this job. Should the vehicle fall from the lift or installed incorrectly, it may cause death or significant malfunction on the vehicle.
- 3) The most part of exhaust system generates significant amount of heat, the installation work must be performed after the vehicle is sufficiently cooled down.
- 4) Certain parts of the product, including exhaust manifold catalyst, are flammable. It is advised that the product is installed in a fire-ready location. Fire may cause burn on your skin.

2. Product Installation and Notes

2-1. 장착 방법

- 1) 작업 전 작업차량과 제품의 사양이 적합한지 확인하여 주십시오.
- 2) 순정제품을 탈착 시, 자동차 메이커 작업 순서대로 작업해 주십시오.
- 3) 제품을 장착 전 또는 장착 시 떨어뜨리거나 강한 충격에 주의하십시오.
- 4) 배기매니폴드, 촉매컨버터, 프론트 파이프, 서브파이프 기타 배기 부품을 타사제품과 조립할 경우 효율 저하 및 치수변화에 따른 간섭과 마찰에 대해 충분히 취급점에서 검토하시고 작업해 주십시오.
- 5) 조립은 분해의 역순으로 정확히 해 주십시오.
- 6) 장착 후 연결부의 플랜지의 변형과 가스누출을 확인해 주십시오.
- 7) 소음기를 지지해주는 행거 고무를 정 위치에 맞추어 주십시오.
- 8) 소음기 몸체 또는 배기파이프가 차체, 연료탱크, 범퍼에 마찰이 되지 않도록 간격을 유지해 주십시오. 그리고 전기배선, 연료 파이프, 에어컨 파이프, 유압호스, 브레이크 파이프, 호스에 과열 및 열화 상황을 확인 하시고 사용해 주십시오.

2-1. Product Installation

- 1) Before installation, please check if you have the right product for the subject vehicle.
- 2) When you separate a genuine part from the vehicle, please follow instruction of the vehicle manufacturer.
- 3) Before installing the product, make sure you don't drop it or expose to an impact.
- 4) When exhaust manifold, catalyst converter, front pipe, sub pipe and other parts are assembled with other company's product, please check if there is loss of efficiency or interference/friction due to changes in numbers before you assemble them.
- 5) The sequence of assemble is the reverse of disassemble.
- 6) See if there is deformation on flanges or gas leakage after installation.
- 7) Locate the rubber hanger that supports mufflers to the right position.
- 8) Make sure that body of muffler or exhaust pipes do not touch the chassis, fuel tank and bumper. Check electrical wirings, fuel pipe, air-conditioner pipe, oil-pressure hose, break pipe or any hoses are overheated before you operate the vehicle.



주의사항 Note

2-2. 작업 후 주의사항

- 1) 지상고가 낮은 차량은 과속 방지턱이나, 요철에 주의 하십시오.
- 2) 같은 차종이라도 차량 컨디션에 따라 제품의 음질이 다를 수 있습니다.
- 3) 본 제품은 배기열에 의해 흡음재가 확산 될 때까지 음량이 클 수 있습니다.
- 4) 본 제품은 흡음재가 배기열에 의해 확산될 때까지 타는 냄새가 날 수 있습니다.
- 5) 촉매 컨버터를 임의로 탈착 하지 마십시오.
- 6) 법적 소음기준을 준수해 주시기 바랍니다. (자동차관리법, 소음진동 규제법, 대기환경 보존법근거)

2-2. After the Installation

- 1) Be careful for speed bumps or bumpy roads if the vehicle has been lowered.
- 2) The Exhaust sound may differ from each vehicle even if they are the same car.
- 3) There may be louder sound generated from the vehicle until the sound absorption material is spread by exhaust heat.
- 4) There may be burning odor generated from the vehicle until the sound absorption material is spread by exhaust heat.
- 5) Do not separate catalytic converter from the vehicle.
- 6) Make sure the sound of exhaust is within the regulations.

3. Installation instructions

Remove the original exhaust system :

Put the vehicle on a lift.

WARNING : To avoid risk of vehicle damage, personal injury or death, make sure the vehicle is safe and properly installed!

1. Loosen and remove bolt (12mm) that secures the middle body bracket.
2. Remove the main muffler by loosening bolt (19mm) that secures the main silencer.
3. Remove the middle muffler by loosening bolt (19mm) that secures the middle silencer. (See Photo 1)

Installation tip : Lubricate the rubber brackets and bolts for easy removal.



Photo 1

3. Installation instructions

Electronic module wiring connections :

1. Electronic module is installed in the battery space under the trunk.
2. Main power line may be connected to the battery (+) and (-) terminals.
3. If you want to cut off the power when the ignition is off, connect (+) terminal to fuse linked to ACC, and connect (-) terminal to self-ground. (See Photo 2)

※ However, 2.0T vehicles may not have a fuse connected to ACC. If not, connect it to the battery.

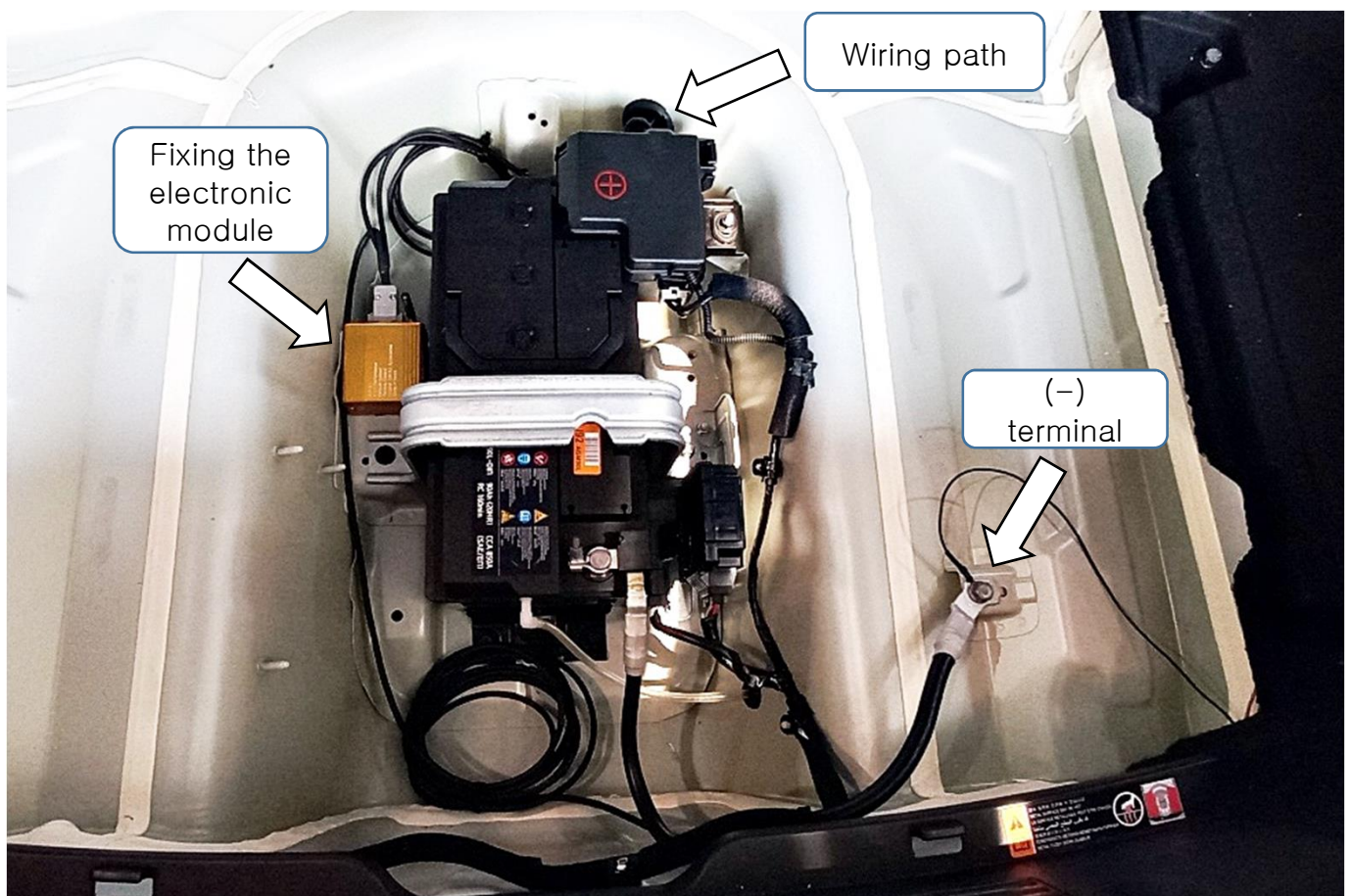


Photo 2

3. Installation instructions

Electronic module wiring connections :

1. For the wiring connected to rear muffler electric motor, use the wiring path shown in the photo.
2. To protect the cable, cut the middle of the rubber bushing and pass the wiring through the rubber to connect the wiring outside the vehicle body.



Photo 3

3. Installation instructions

Electronic module wiring connections :

1. The wire that has passed through rubber bushing is moved left and right and passed over the aluminum heat sink.
2. Drill a small hole in the aluminum heat sink and secure the wiring with cable ties.

Caution : When fixing with a cable tie, do not press the wires.

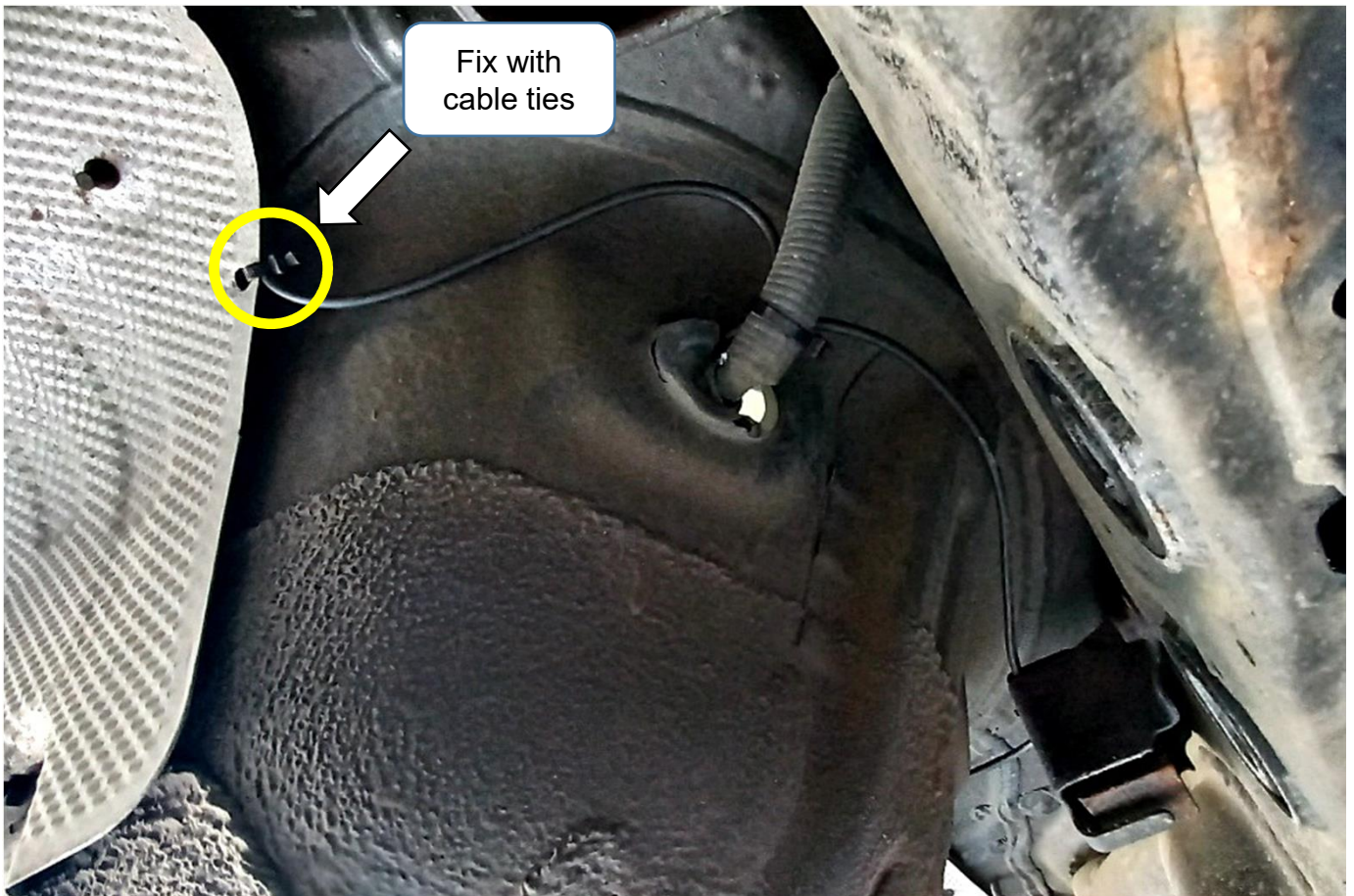


Photo 4

3. Installation instructions

Electronic module wiring connections :

1. The wire that has passed through rubber bushing is moved left and right and passed over the aluminum heat sink.
2. Drill a small hole in the aluminum heat sink and secure the wiring with cable ties.

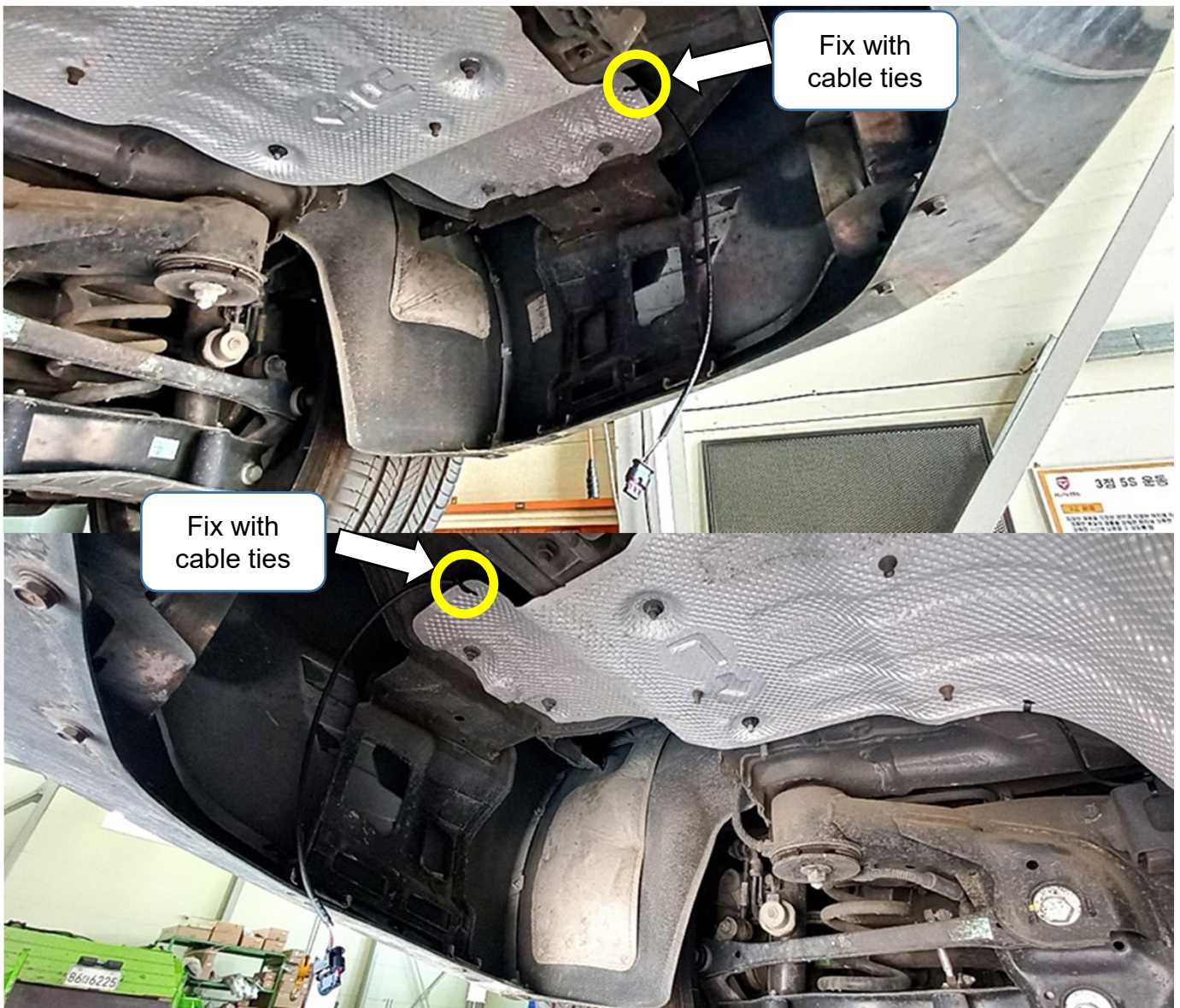


Photo 5

3. Installation instructions

Electronic module wiring connections :

1. As explained before, main power line can be connected to battery (+) and (-) terminals.
2. If you want to cut off power when the ignition is OFF, connect (+) terminal to fuse that is linked to ACC and connect (-) terminal to self-ground. (See photo 6)

※ However, 2.0T vehicles may not have a fuse connected to ACC. If not, connect it to the battery.



Photo 6

3. Installation instructions

Electronic module wiring connections :

1. Fuse is connected to the fuse that cuts off power when the engine is turned off.
2. Stinger 3.3T vehicle can be connected to the top 2nd fuse.
3. You can use fuse connection wire as below photo 7, or cut the terminal to strip the wire and connect it directly to fuse.

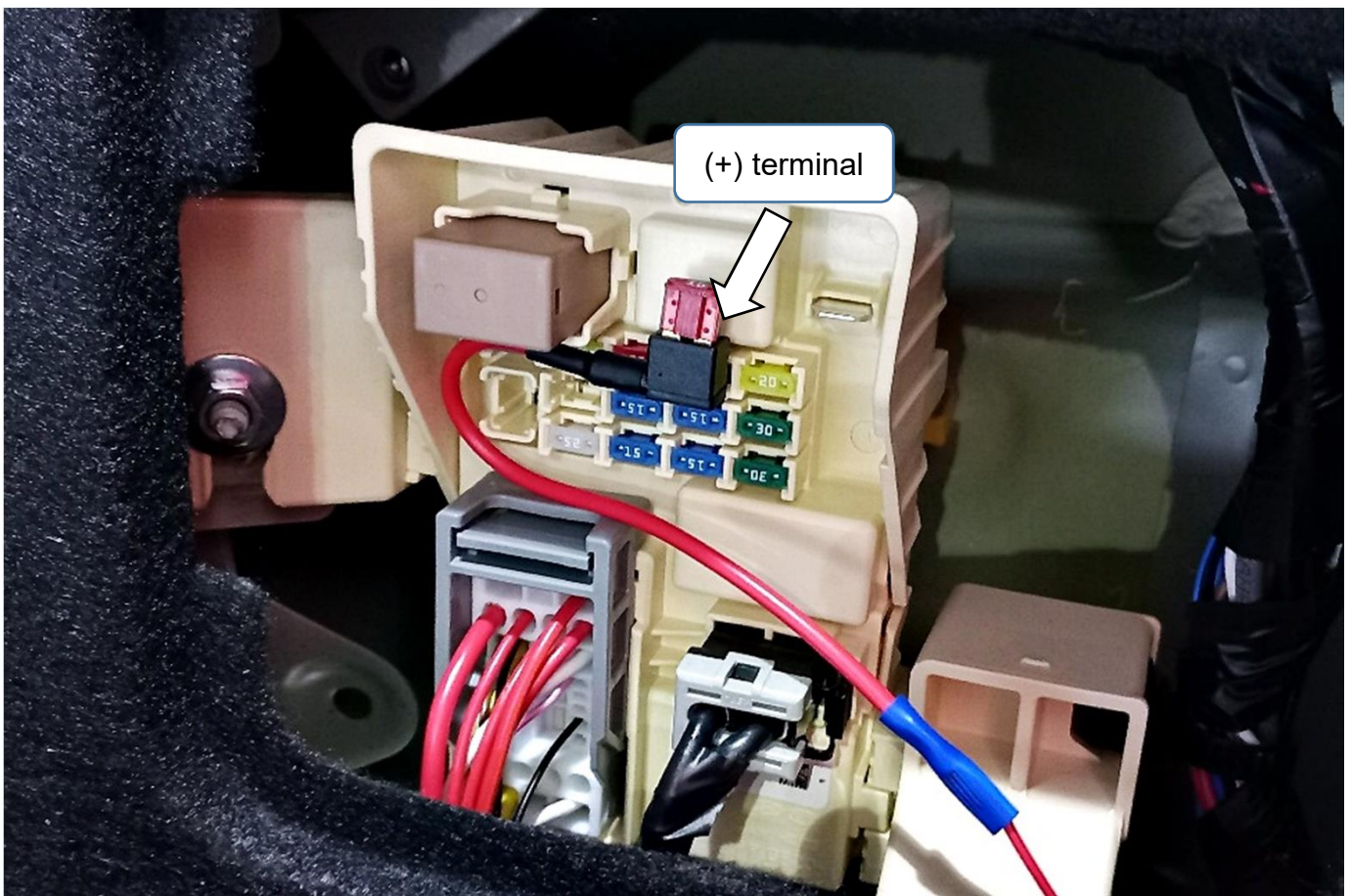


Photo 7

3. Installation instructions

Install the mid-muffler and end-muffler :

1. Install the mid-muffler using genuine nuts (19mm).
2. Fix the center crossbar in the reverse order of disassembly.
3. Install the end muffler using included gasket, bolts and nuts (14mm).
4. Connect the wiring to variable motor to complete installation.

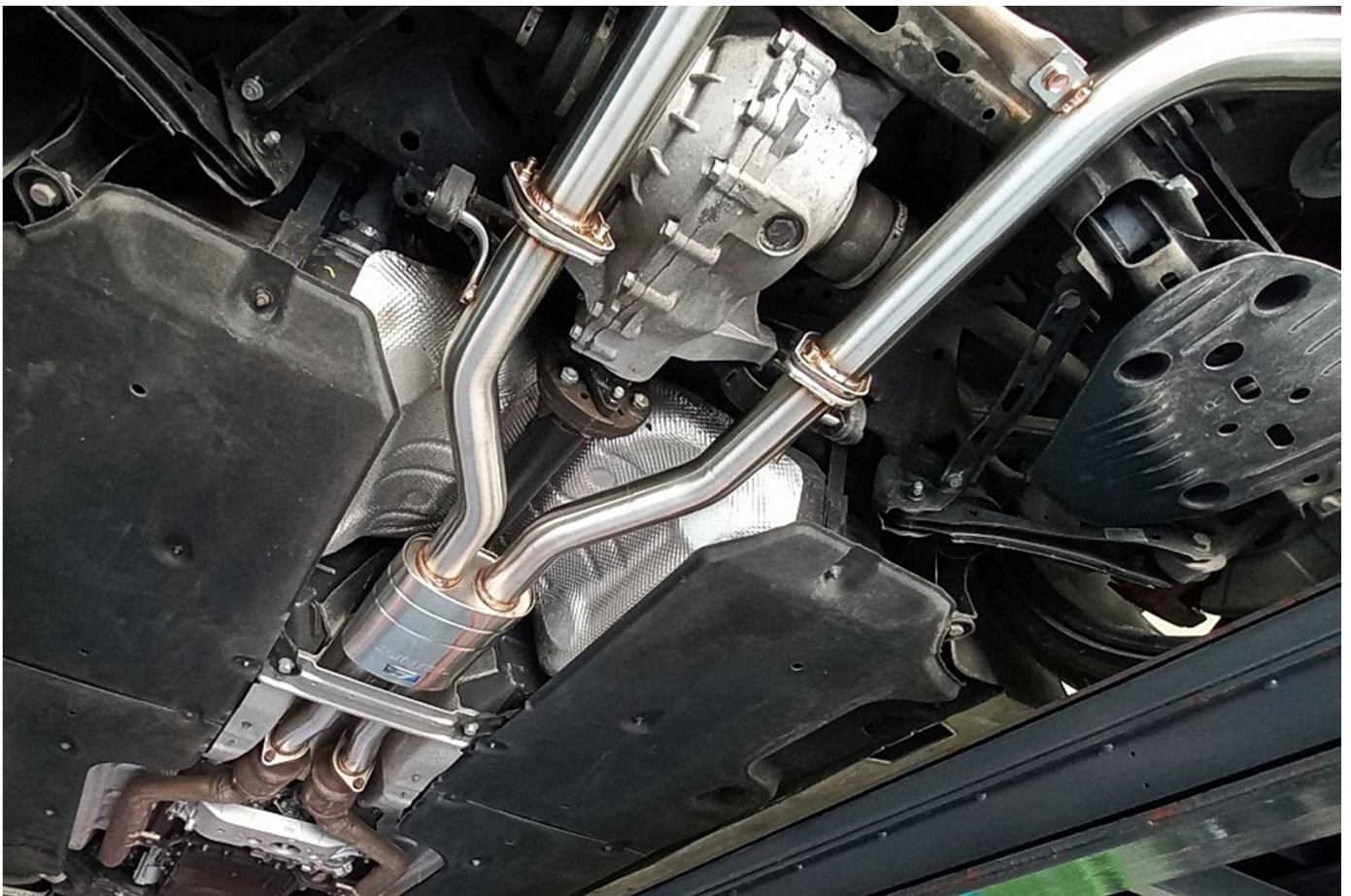


Photo 8

3. Installation instructions

Install the mid-muffler and end-muffler :

1. After installation is complete, start the engine and operate remote control to check whether the variable valve works well.
2. When power is connected, LED on the variable control module is turned on.

Caution : If there is a problem in operation, check if LED on the variable control module is on. If not, check power connection again from the beginning.



Photo 9