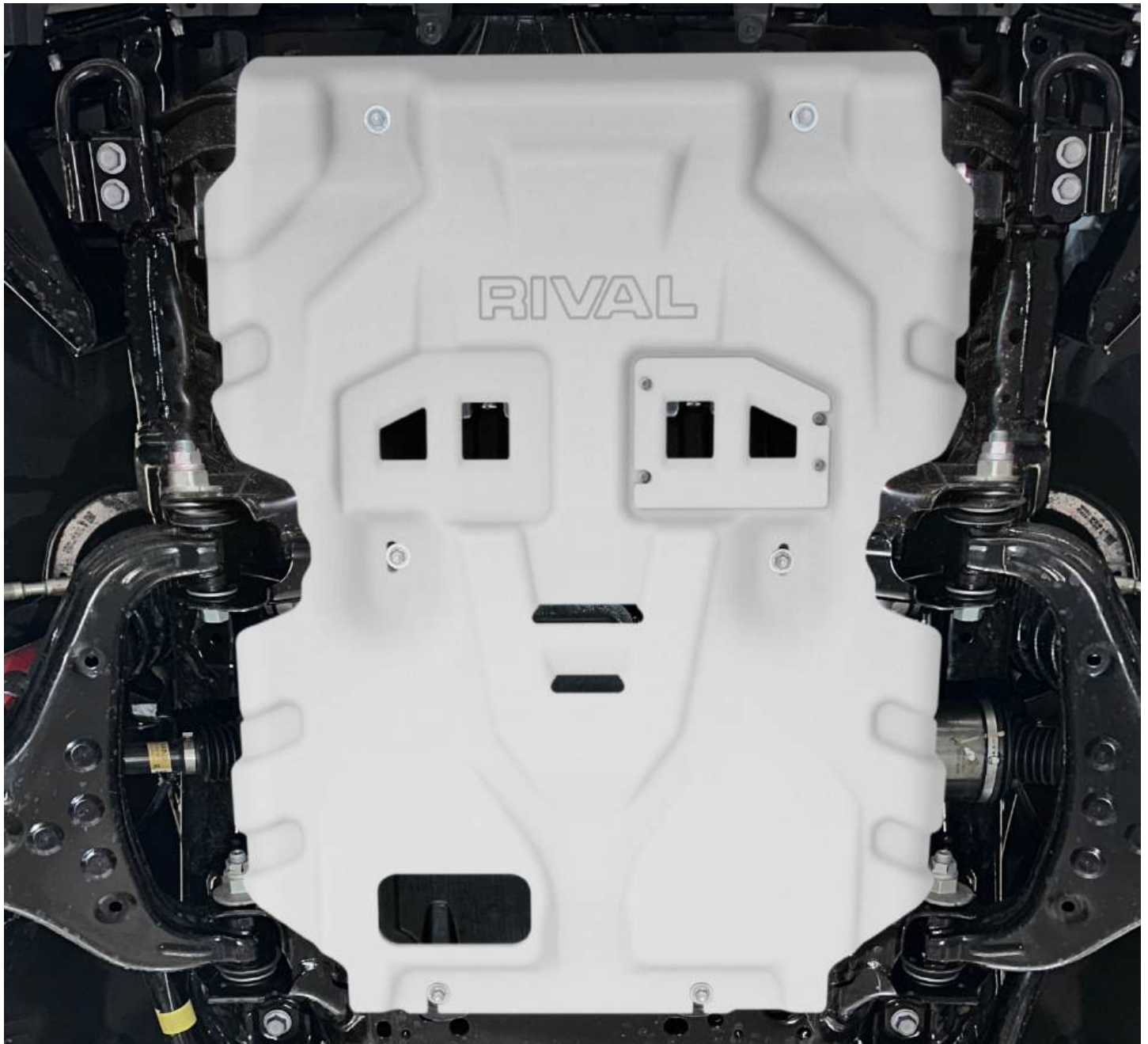


ENGINE SKID PLATE



Material: aluminum / steel

Part number: 2333.9571.3.6; 2111.9571.3.3; 2333.9571.3



WEB VERSION

READ BEFORE INSTALLATION

CAUTION!

To reduce the risk of serious injury or damage to property: before you start installing and using this product, read the full instructions, pay special attention to the conditions of safe use and recommendations for installation! When installing or maintaining this product, it is necessary to use protective goggles. Check the integrity of the installed components and torque all hardware every 250 miles (400 kms). Discontinue use if there is any damage to the structure or fasteners!

NOTICE

Skid plates are supplemental protection. We cannot guarantee protection against all possible damage from impacts. When driving, be careful of objects and terrain that may damage sensitive parts of the vehicle.

SAFETY NOTICE

- The RIVAL skid plate is designed to complement the use and design of the specified vehicle under conditions underlined by the vehicle manufacturer.
- While driving the vehicle at any speed, collision with another vehicle, animal or object must always be avoided.
- Following any collision with another vehicle, animal or object, the RIVAL skid plate and the vehicle must be inspected by a specialized or suitably qualified vehicle technician for possible damage to the components and assemblies in order to confirm suitability for further use of the vehicle.
- It is strongly recommended that you do not operate a vehicle with a damaged skid plate or its components. In the case of damage, please contact the nearest RIVAL dealer. A damaged vehicle or skid plate is extremely dangerous and should be avoided at all cost.
- If applicable, we recommend using a funnel when changing the oil to prevent spills and ensure a clean process.

INSTALLATION NOTICE

- The RIVAL skid plate must be mounted to the vehicle according to this installation manual.
- Personal safety during the installation process must be adhered to at all times.
- Do not install this skid plate on vehicle models other than those listed in this manual.
- We recommend using blue threadlocker on all hardware.
- Estimated time for installation: 1 hour.

Required tools

Basic tool kit
Torque wrench

Torque setting

M8 - 24 Nm (17.7 lb/ft)

VEHICLE COMPATIBILITY



Toyota LC250 2.4, 2.4 Hybrid, 2.7, 2.8D; AT; 4WD (2024-present)

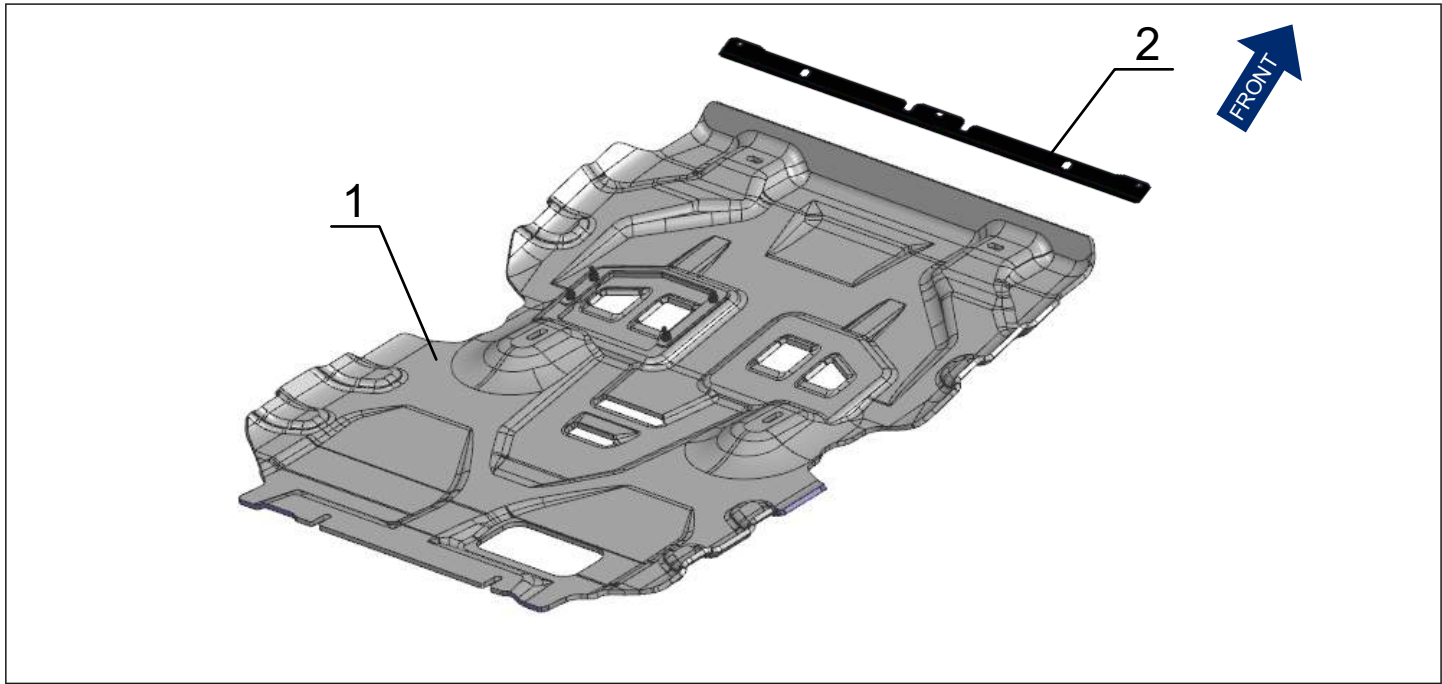


Toyota Tacoma 2.4, 2.4 Hybrid; AT; 4WD, RWD; DoubleCab, XtraCab (2024-present)

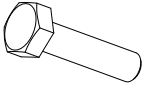
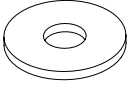


Toyota 4Runner 2.4, 2.4 Hybrid; AT; 4WD, RWD; XtraCab (2025-present)

PARTS LISTING



1	Engine skid plate
2	Mounting bracket

A		Bolt M8x1.25x25	6
B		Washer M8	6

INSTALLATION PROCEDURE



*If equipped, remove factory or any aftermarket skid plates that might interfere with installation

TOYOTA LC250 (STEPS 1-5)

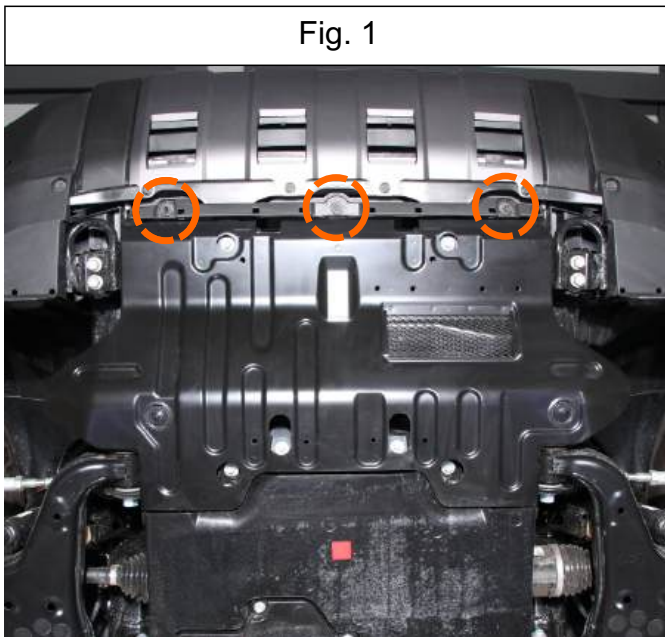


Fig. 1

1. Remove factory plastic cover as shown in fig.1.

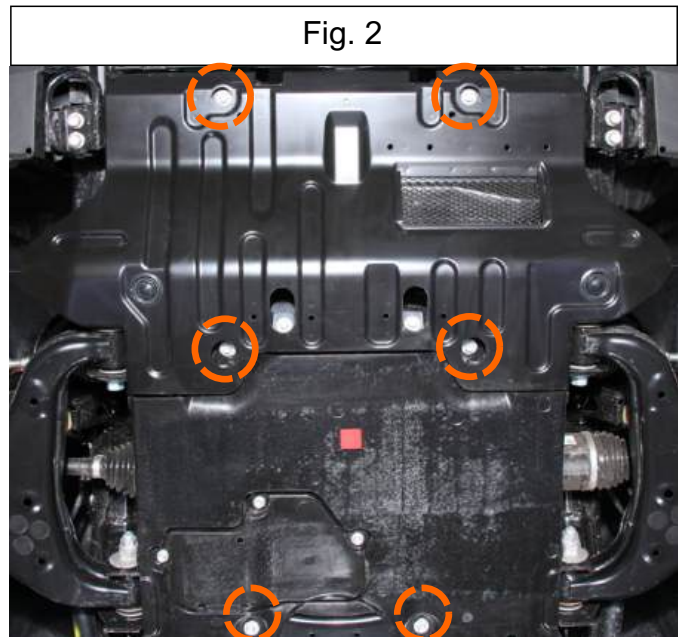


Fig. 2

2. Remove factory skid plates as shown in fig.2.

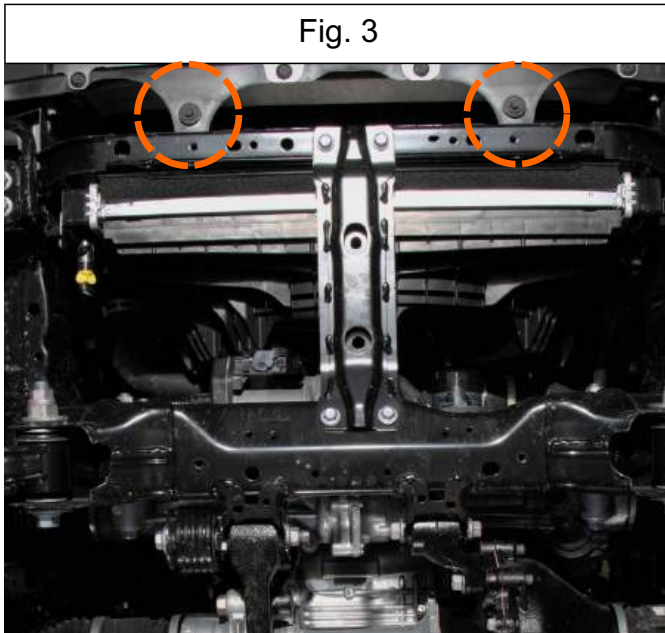


Fig. 3

3. Unscrew factory bolts as shown in fig.3.

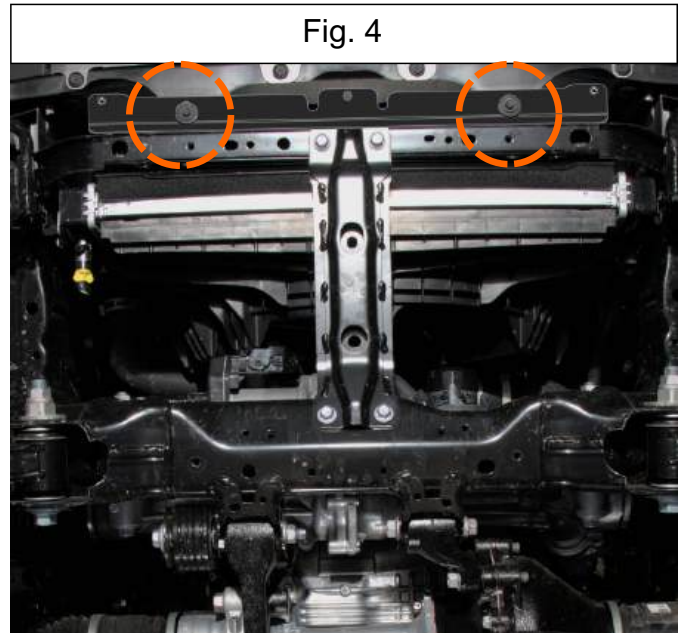


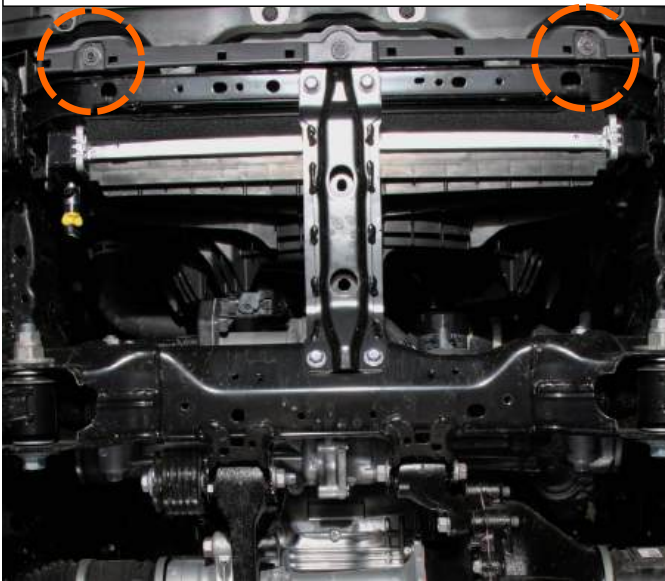
Fig. 4

4. Install mounting bracket (item 2) as close as possible to the factory bumper and secure it using factory bolts from step 3 as shown in fig.4.

***Tighten hardware after that.**

INSTALLATION PROCEDURE

Fig. 5



5. Secure factory plastic cover to pre-installed mounting bracket (item 2) using factory bolts from step 1 as shown in fig.5.

***Tighten hardware after that.**

TOYOTA 4RUNNER (STEP 6)

Fig. 6

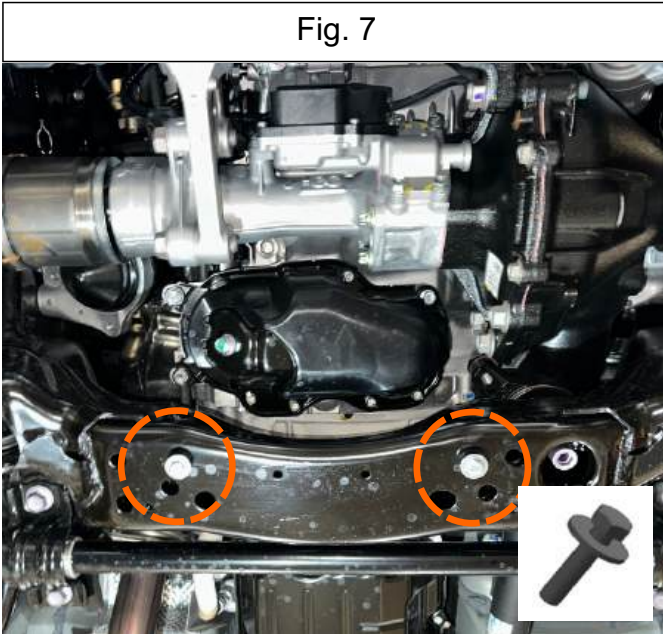


6. Before installation of RIVAL engine skid plate, remove factory air dam.

INSTALLATION PROCEDURE

ALL VEHICLES (STEPS 7-10)

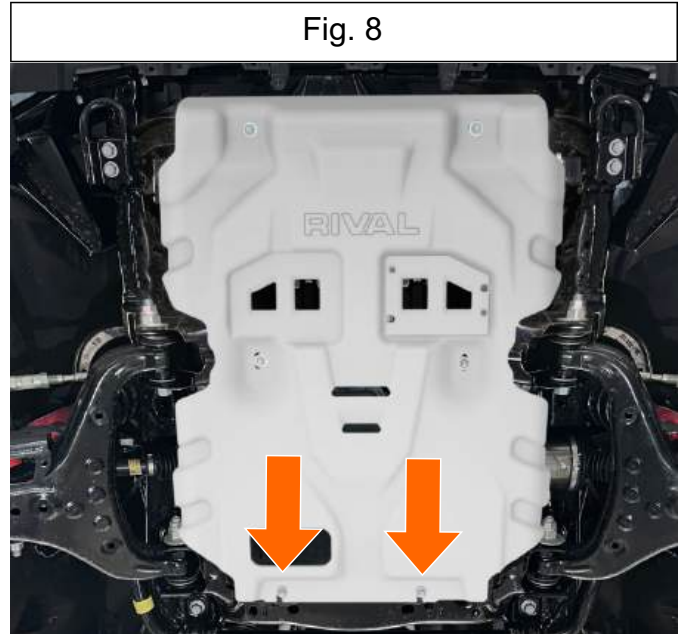
Fig. 7



7. Loosely insert supplied bolts M8x25 with washers M8 (items A,B) into threaded holes as shown in fig. 7.

***Do not tighten yet.**

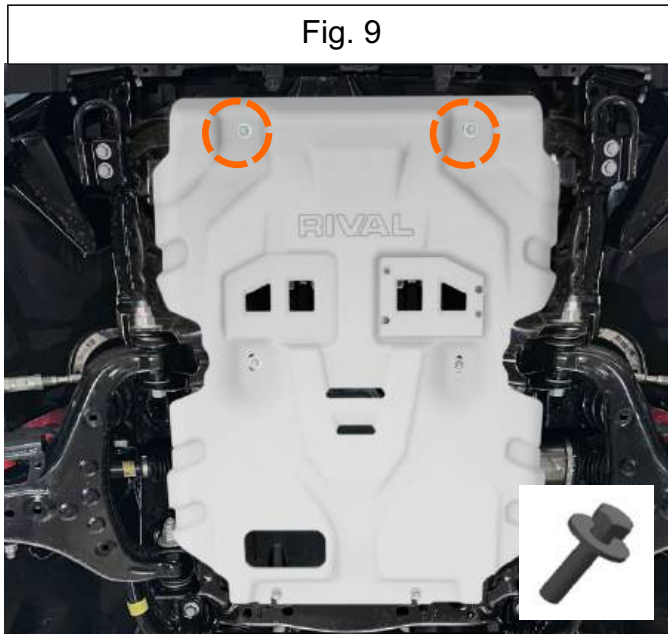
Fig. 8



8. Slide the rear part of skid plate under previously installed bolts M8 as shown in fig.8.

***Do not tighten yet.**

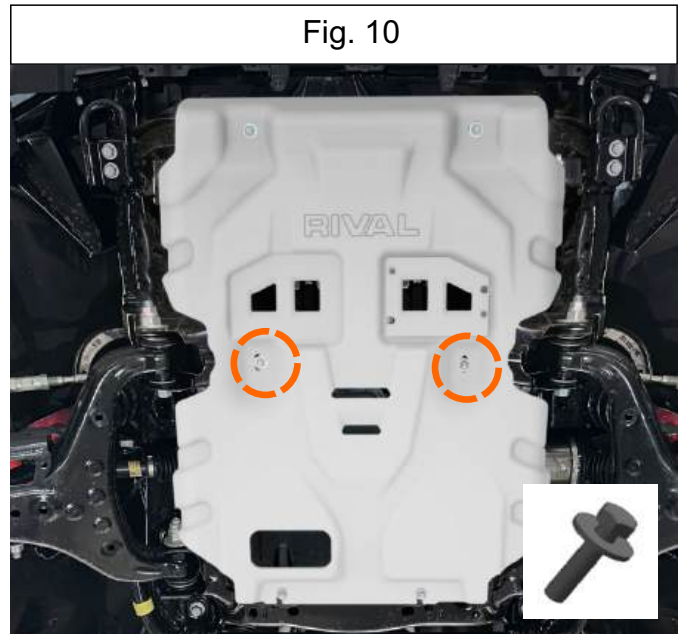
Fig. 9



9. Secure the front part of skid plate using bolts M8x25 and washers M8 (items A, B) as shown in fig. 9.

***Do not tighten yet.**

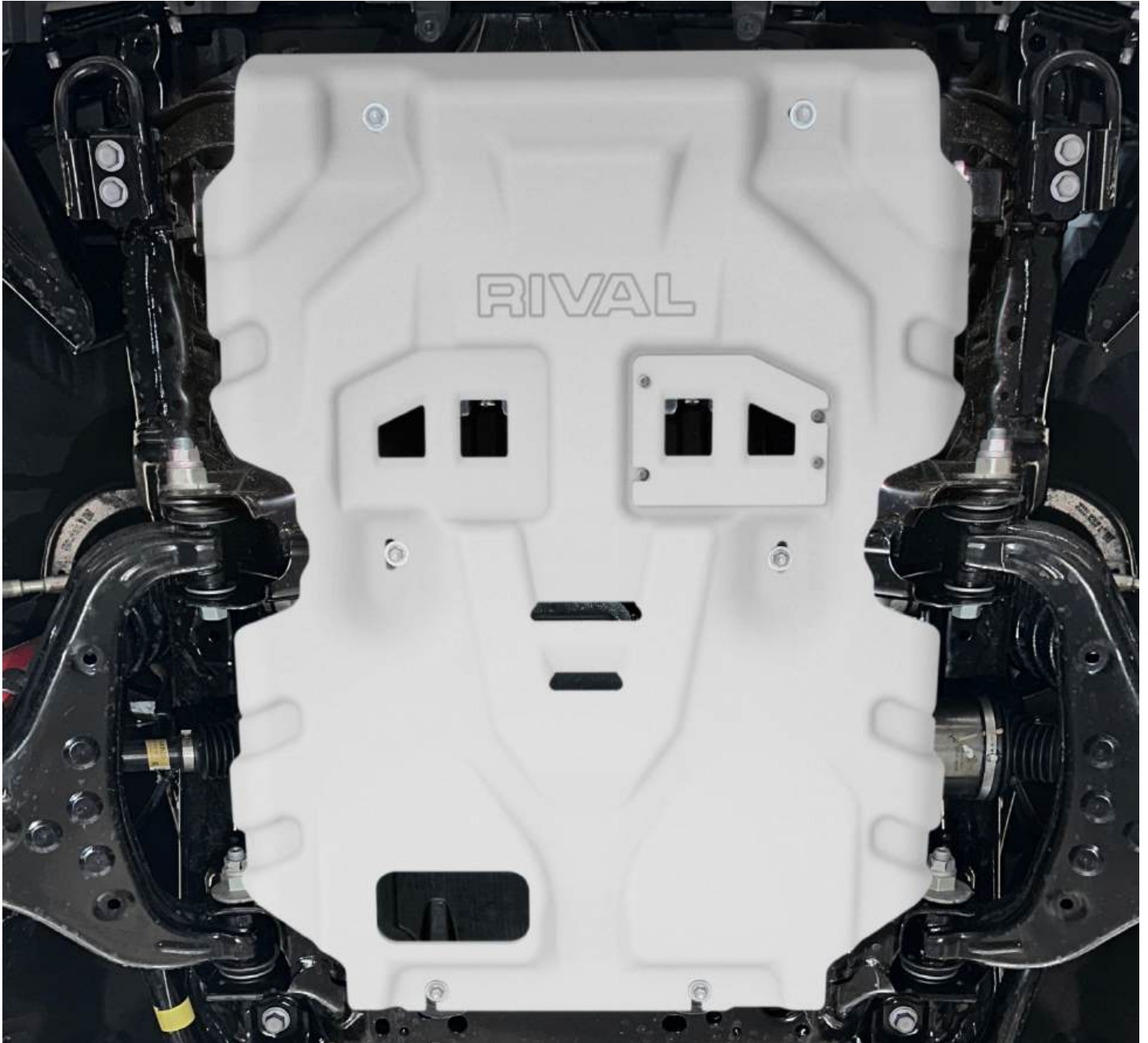
Fig. 10



10. Secure the middle part of skid plate using bolts M8x25 and washers M8 (items A, B) as shown in fig. 10.

***Once all bolts are inserted, check skid plate alignment and tighten all previously installed hardware.**

INSTALLATION PROCEDURE



Before operating a vehicle fitted with RIVAL skid plates:

- **Make sure all fittings are properly torqued.**
- **Ensure the integrity of the structure and its components.**

LOWER CONTROL ARM SKID PLATE



Material: aluminum / steel

Part number: 2333.9574.2.6; 2111.9574.2.3



WEB VERSION

READ BEFORE INSTALLATION

CAUTION!

To reduce the risk of serious injury or damage to property: before you start installing and using this product, read the full instructions, pay special attention to the conditions of safe use and recommendations for installation! When installing or maintaining this product, it is necessary to use protective goggles. Check the integrity of the installed components and torque all hardware every 250 miles (400 kms). Discontinue use if there is any damage to the structure or fasteners!

NOTICE

Skid plates are supplemental protection. We cannot guarantee protection against all possible damage from impacts. When driving, be careful of objects and terrain that may damage sensitive parts of the vehicle.

SAFETY NOTICE

- The RIVAL skid plate is designed to complement the use and design of the specified vehicle under conditions underlined by the vehicle manufacturer.
- While driving the vehicle at any speed, collision with another vehicle, animal or object must always be avoided.
- Following any collision with another vehicle, animal or object, the RIVAL skid plate and the vehicle must be inspected by a specialized or suitably qualified vehicle technician for possible damage to the components and assemblies in order to confirm suitability for further use of the vehicle.
- It is strongly recommended that you do not operate a vehicle with a damaged skid plate or its components. In the case of damage, please contact the nearest RIVAL dealer. A damaged vehicle or skid plate is extremely dangerous and should be avoided at all cost.
- If applicable, we recommend using a funnel when changing the oil to prevent spills and ensure a clean process.

INSTALLATION NOTICE

- The RIVAL skid plate must be mounted to the vehicle according to this installation manual.
- Personal safety during the installation process must be adhered to at all times.
- Do not install this skid plate on vehicle models other than those listed in this manual.
- We recommend using blue threadlocker on all hardware.
- Estimated time for installation: 1 hour.

Required tools

Basic tool kit
Torque wrench

Torque setting

M8 - 24 Nm (17.7 lb/ft)

VEHICLE COMPATIBILITY

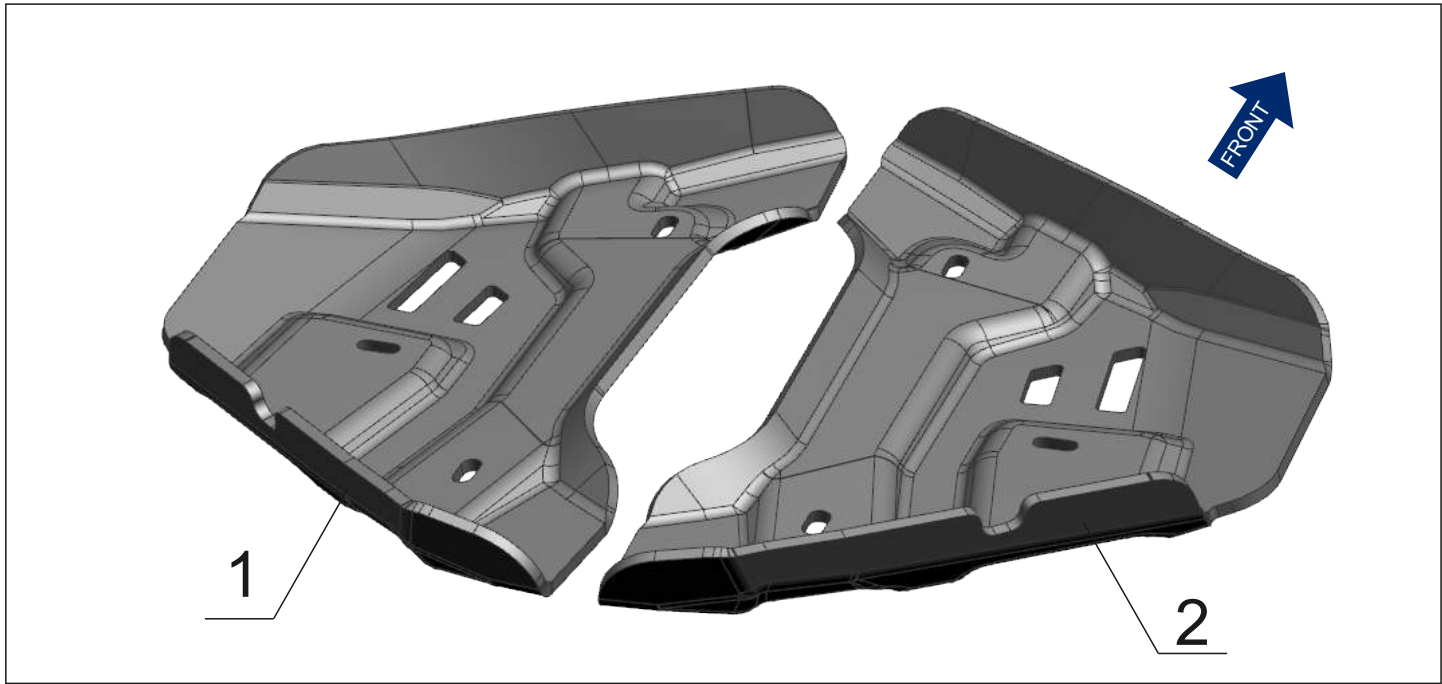


Toyota LC250 2.4l, 2.4l Hybrid, 2.7l, 2.8d; AT; 4WD (2024-present)

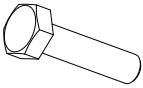
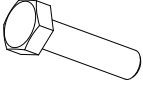
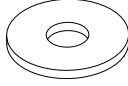
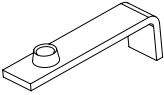
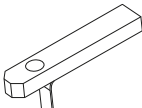


Lexus GX550 3.4l; AT; 4WD (2024-present)

PARTS LISTING



1	Left skid plate
2	Right skid plate

A		Bolt M8x1.25x110	4
B		Bolt M8x1.25x25	2
C		Washer M8	6
D		Insert nut M8	4
E		Insert nut M8 with wires	2

INSTALLATION PROCEDURE



***If equipped, remove any aftermarket skid plates that might interfere with installation**

Fig. 1



1. Install insert nut M8 (item E) as shown in fig. 1.

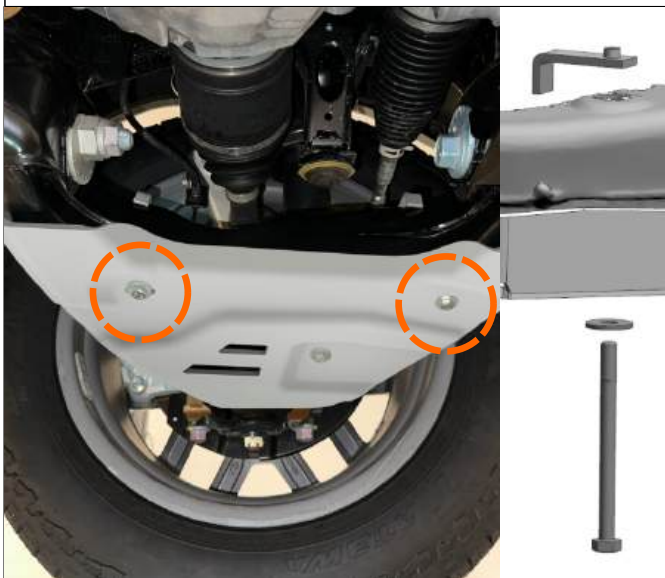
Fig. 2



2. Secure left skid plate (item 1) using bolt M8x1.25x25 and washer M8 (items B, C) as shown in fig. 2.

***Do not tighten yet.**

Fig. 3



3. Secure left skid plate using bolts M8x1.25x110, washers M8 and insert nuts M8 (items A, C, D) as shown in fig. 3.

***Tighten hardware after that.**

4. Repeat steps 1-3 for right side of vehicle.



Before operating a vehicle fitted with RIVAL skid plates:

- **Make sure all fittings are properly torqued.**
- **Ensure the integrity of the structure and its components.**

INSTALLATION MANUAL

RIVAL

4x4 ACCESSORIES

PRODUCT: TRANSMISSION SKID PLATE

APPLICATION: TOYOTA LC250 (2024-PRESENT)

PART NO: 2333.9580.2.6
2333.9580.2
2111.9580.2.3



CAUTION!

To reduce the risk of serious injury or damage to property: Before you start installing and using this product, read the full instructions, pay special attention to the conditions of safe use and recommendations for installation! When installing or maintaining this product, it is necessary to use protective goggles. Check the integrity of the structure and the moment the fastening is tightened every 250 miles (400 kms) of mileage. Do not use this product if there is damage to the structure or fasteners!

NOTICE

Skid plate is an additional protection, but it can not guarantee to protect against all possible damage in collisions. When driving, be careful of objects and terrain that may damage sensitive parts of the vehicle.

TRANSMISSION SKID PLATE

Part number: 2333.9580.2.6
2333.9580.2
2111.9580.2.3

Suited to vehicle: Toyota LC250 2.8D; AT; 4WD (2024-Present)

Material: Aluminum / Steel



SAFETY NOTICE

- * The RIVAL skid plate is designed to complement the use and design of the specified vehicle under conditions specified by the vehicle manufacturer.
- * While driving the vehicle at any speed, collision with any other vehicle, animal or object must always be avoided.
- * Following any collision with any other vehicle, animal or object, the RIVAL skid plate and the vehicle must be inspected by a specialized or suitably qualified vehicle repairer for possible damage to the components and assemblies in order to confirm suitability for further use of the vehicle.
- * It is strongly recommended that you do not operate a vehicle with a damaged skid plate or its components. In the case of damage, please contact the nearest RIVAL dealer. Vehicle, or where the skid plate has been damaged, is extremely dangerous and must be avoided at all cost.

INSTALLATION NOTICE

- * The RIVAL skid plate must be mounted and affixed to the vehicle according to this installation manual.
- * Personal safety during the installation process must be adhered to at all times.
- * Do not install this skid plate on vehicle models other than those allowed in this manual.
- * Estimated time for installation: 1 hour.

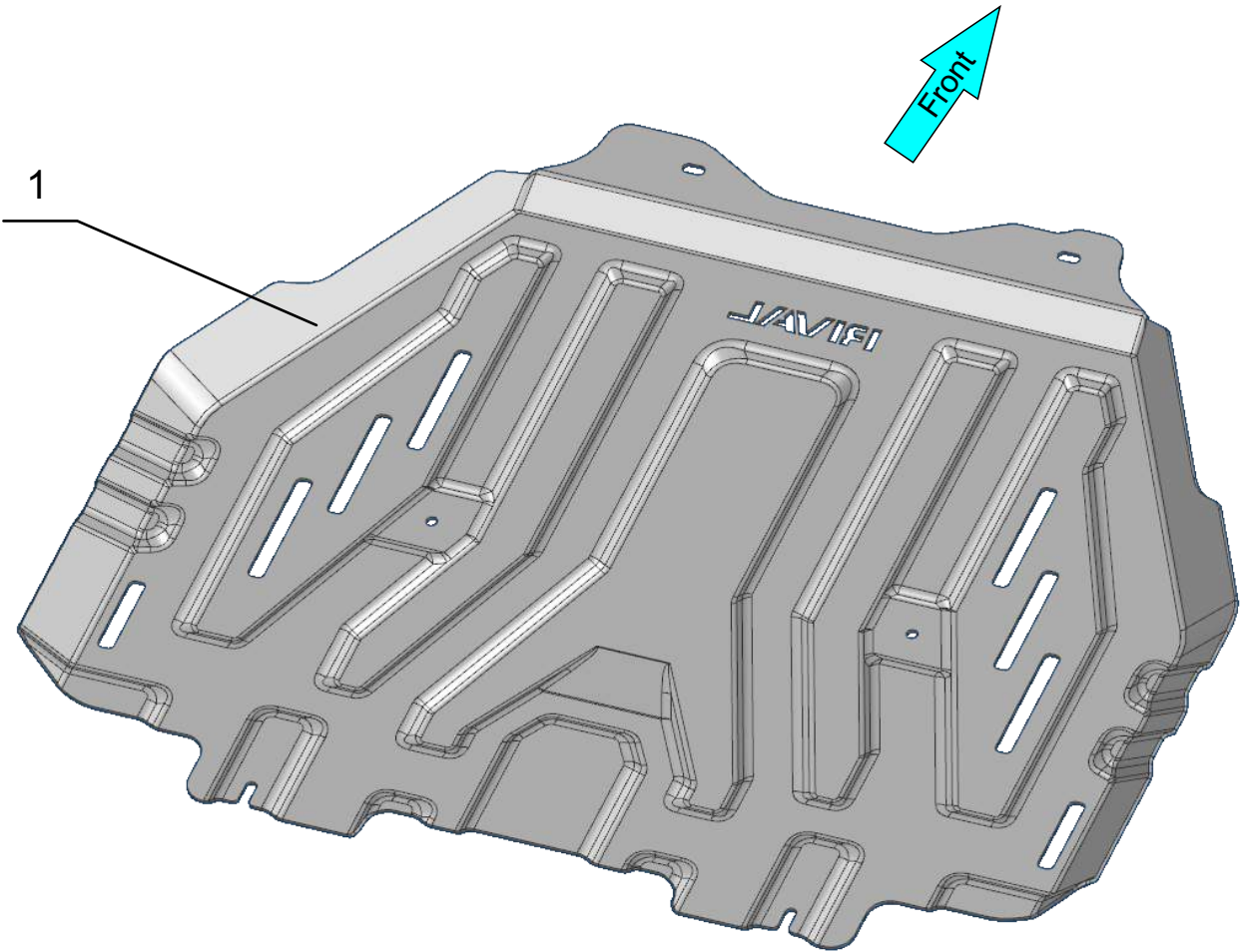
REQUIRED TOOLS

- * Basic tool kit
- * Torque wrench

TORQUE SETTING

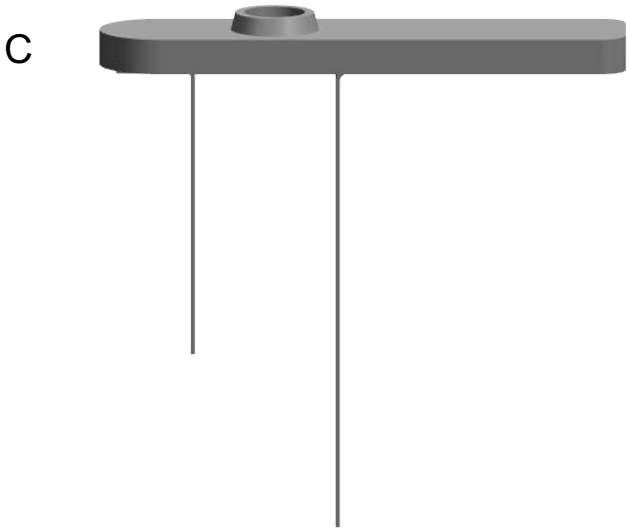
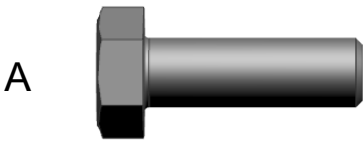
- * M8 - 24 N·m (17.7 lb/ft)

PARTS LISTING



1. Skid plate..... Qty 1

PARTS LISTING



A. Bolt M8x1.25x25.....	Qty 4
B. Washer M8.....	Qty 4
C. Insert nut M8x70.....	Qty 2

INSTALLATION PROCEDURE

***If equipped, remove factory skid plate or any other aftermarket skid plate.**

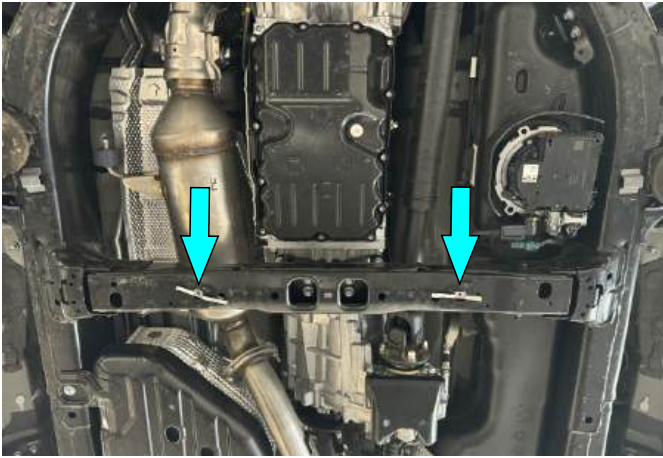


Fig. 1

1. Install M8x70 insert nuts (item C) into crossmember as shown in fig. 1.



Fig. 2

2. Loosely insert supplied bolts M8x1.25x25 with washers M8 (items A, B) to insert nuts M8 as shown in fig. 2.

***At this point only thread in bolt 2-3 turns.**

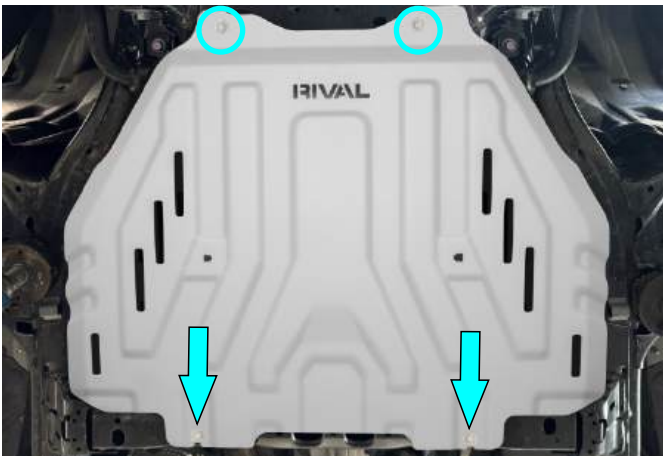


Fig. 3

3. Slide rear part of transmission skid plate under previously installed bolts M8x1.25x25. After that secure the front part using bolts M8x1.25x25 and washers M8 (items A, B) as shown in fig. 3.

***Once all bolts are inserted, check skid plate alignment and tighten all previously installed hardware.**

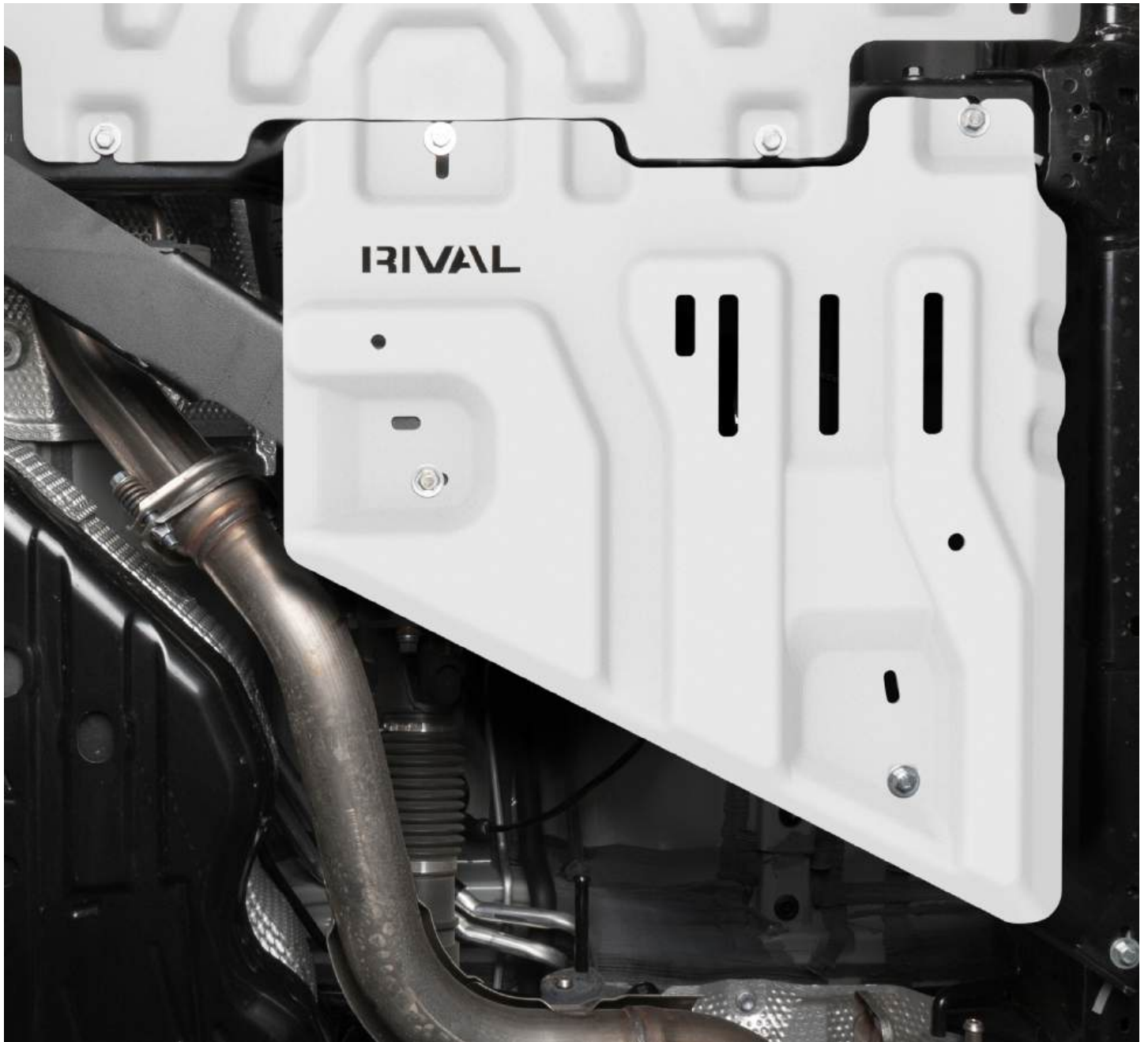
INSTALLATION PROCEDURE

Before operating a vehicle fitted with RIVAL Skid Plate:

- make sure all fittings are tightened;
- ensure the integrity of the structure and its components.



TRANSFER CASE SKID PLATE



Material: aluminum / steel

Part number: 2333.9582.2.6; 2333.9582.2; 2111.9582.2.3



WEB VERSION

READ BEFORE INSTALLATION

CAUTION!

To reduce the risk of serious injury or damage to property: before you start installing and using this product, read the full instructions, pay special attention to the conditions of safe use and recommendations for installation! When installing or maintaining this product, it is necessary to use protective goggles. Check the integrity of the installed components and torque all hardware every 250 miles (400 kms). Discontinue use if there is any damage to the structure or fasteners!

NOTICE

Skid plates are supplemental protection. We cannot guarantee protection against all possible damage from impacts. When driving, be careful of objects and terrain that may damage sensitive parts of the vehicle.

SAFETY NOTICE

- The RIVAL skid plate is designed to complement the use and design of the specified vehicle under conditions underlined by the vehicle manufacturer.
- While driving the vehicle at any speed, collision with another vehicle, animal or object must always be avoided.
- Following any collision with another vehicle, animal or object, the RIVAL skid plate and the vehicle must be inspected by a specialized or suitably qualified vehicle technician for possible damage to the components and assemblies in order to confirm suitability for further use of the vehicle.
- It is strongly recommended that you do not operate a vehicle with a damaged skid plate or its components. In the case of damage, please contact the nearest RIVAL dealer. A damaged vehicle or skid plate is extremely dangerous and should be avoided at all cost.
- If applicable, we recommend using a funnel when changing the oil to prevent spills and ensure a clean process.

INSTALLATION NOTICE

- The RIVAL skid plate must be mounted to the vehicle according to this installation manual.
- Personal safety during the installation process must be adhered to at all times.
- Do not install this skid plate on vehicle models other than those listed in this manual.
- We recommend using blue threadlocker on all hardware.
- Estimated time for installation: 1 hour.





Required tools

Basic tool kit
Torque wrench

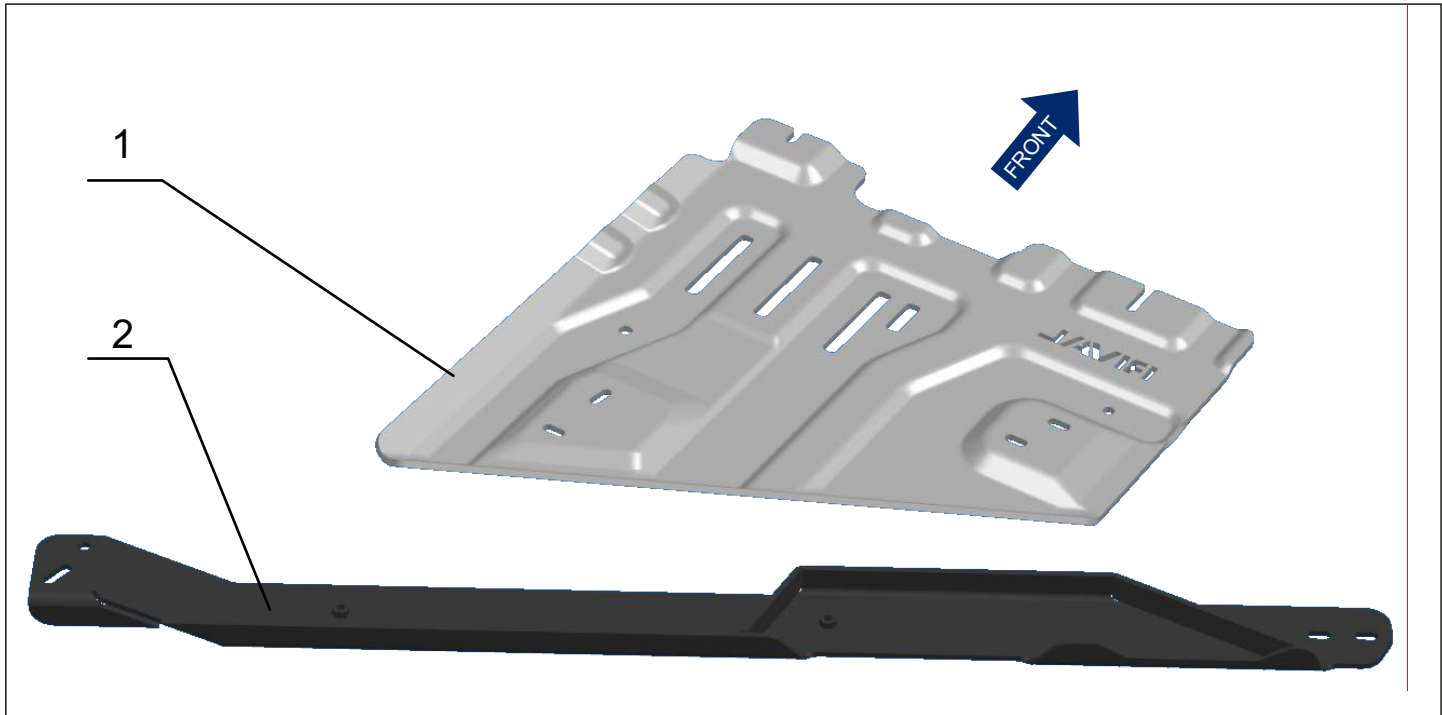
Torque setting

M8 - 24 Nm (17.7 lb/ft)

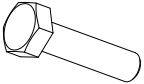
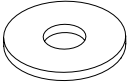
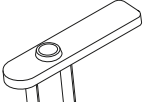
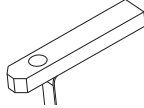
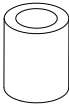
VEHICLE COMPATIBILITY

Toyota Tundra 3.4l Hybrid; 3.4l; AT; 4WD; CrewMax (2021-Present)	
Toyota Sequoia 3.4l Hybrid; AT; 4WD (2022-Present)	
Toyota Tacoma 2.4l Hybrid; 2.4l; AT; 4WD; DoubleCab, XtraCab (2024-Present)	
Toyota LC250 2.4l Hybrid; 2.4l; 2.7l; 2.8D; AT; 4WD (2024-Present)	
Toyota LC300 3.3D; 3.4l; 4.0l; AT; 4WD (2021-Present)	
Toyota 4Runner 2.4l Hybrid; 2.4l; AT; 4WD (2025-Present)	
Lexus GX550 3.4l; AT; 4WD (2024-Present)	

PARTS LISTING



1	Skid plate
2	Crossmember

A		Bolt M8x1.25x25 (2 pc. preinstalled)	6
B		Washer M8 (2 pc. preinstalled)	6
C		Insert nut M8x70	2
D		Insert nut M8x65	2
E		Spacer 6mm	1

INSTALLATION PROCEDURE



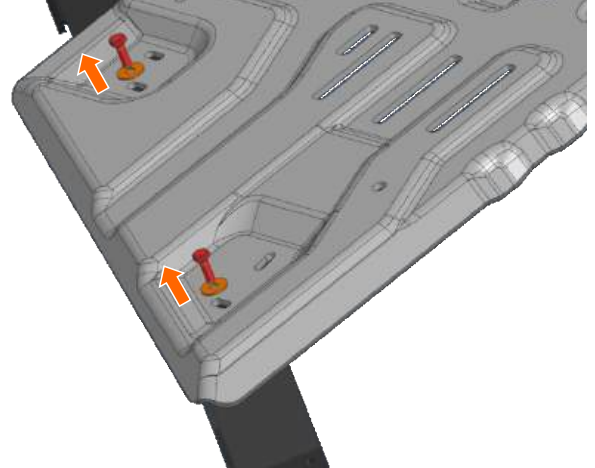
***If equipped, remove any aftermarket skid plates that might interfere with installation**

ALL VEHICLES

Fig. 1



Fig. 2

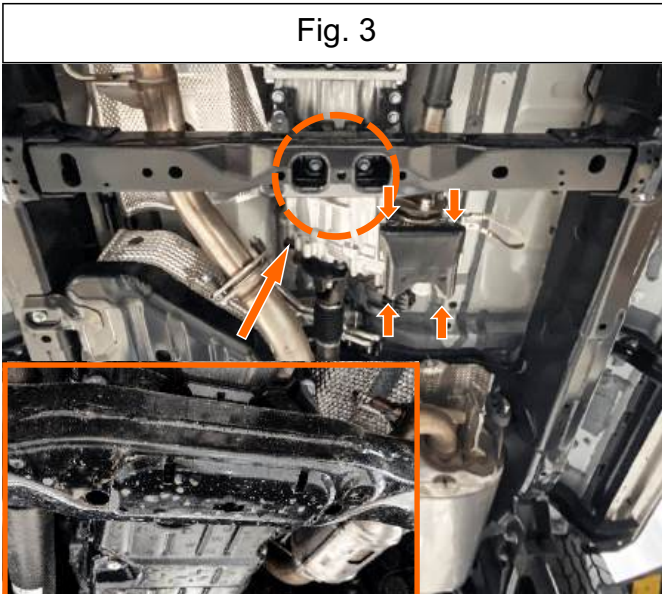


1. Before installation: remove bolts M8x25 (item A) and washers M8 (item B) preinstalled as travel hardware in crossmember (item 2) and transfer case skid plate (item 1).

***Set aside to reuse later on.**

TOYOTA LC250 2.4i; 2.7i / 4RUNNER 2.4i / TACOMA

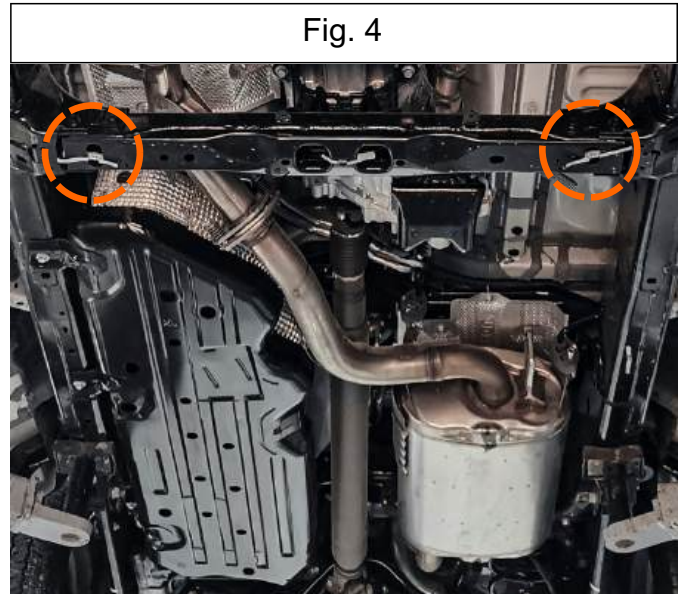
Fig. 3



2. Remove plastic pad and factory cover as shown in fig. 3.

***If your vehicle is not equipped with plastic pad or factory cover, skip the step.**

Fig. 4



3. Install insert nuts M8x70 (item C) as shown in fig. 4.

INSTALLATION PROCEDURE

Fig. 5 Toyota LC250 2.4I; 2.7I / 4Runner 2.4I

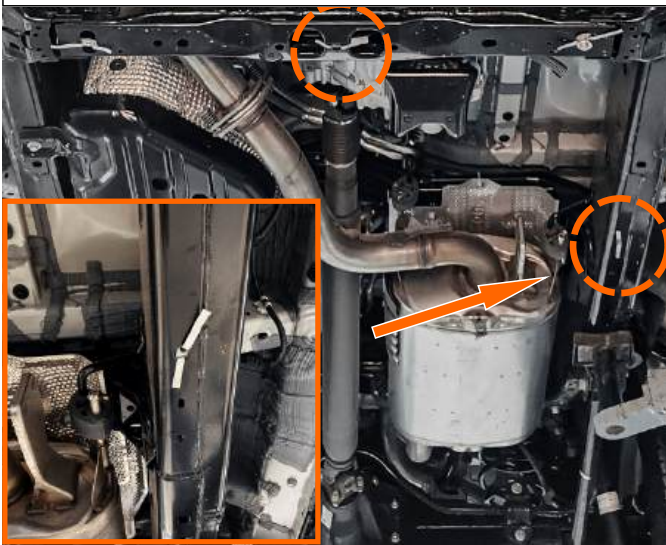


Fig. 6 Toyota Tacoma 2.4I Hybrid

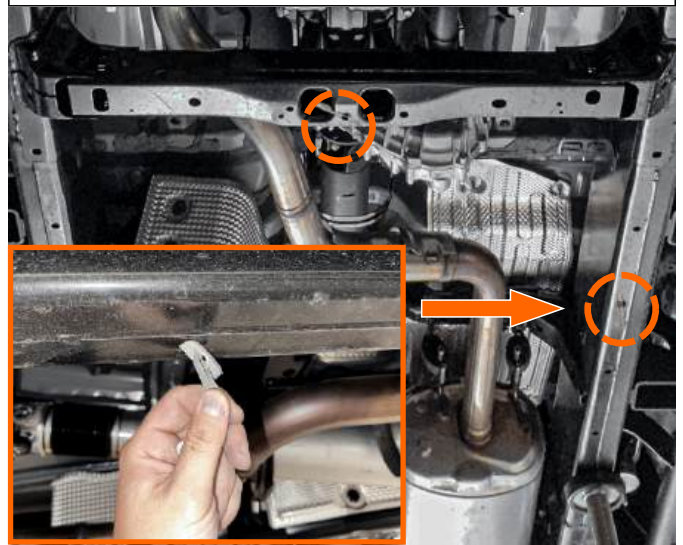
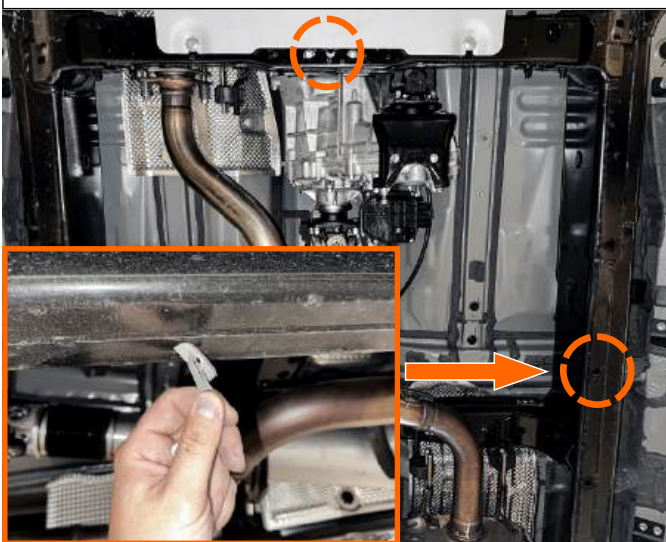


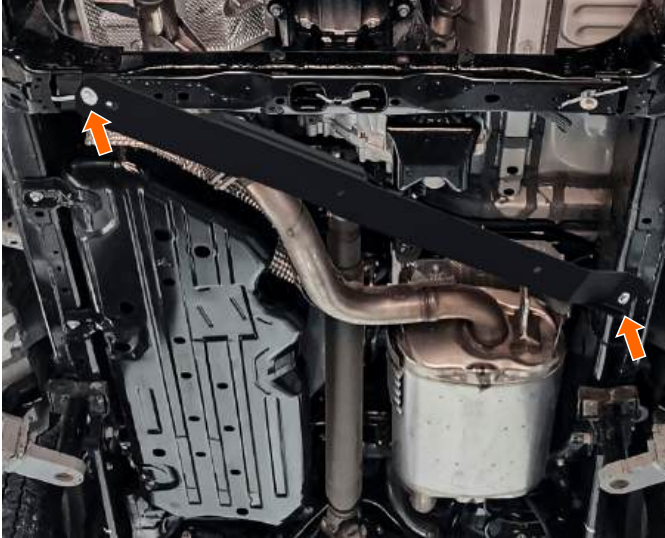
Fig. 7 Toyota Tacoma 2.4I



4. Install insert nuts M8x65 (item D) as shown in
fig. 5 Toyota LC250 2.4I; 2.7I / 4Runner 2.4I
fig. 6 Toyota Tacoma 2.4I Hybrid
fig. 7 Toyota Tacoma 2.4I.

INSTALLATION PROCEDURE

Fig. 8



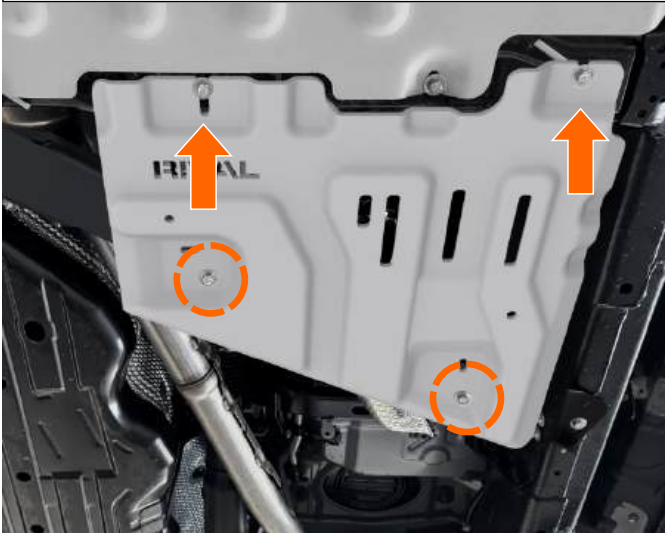
5. Secure crossmember (item 2) using bolts M8x25 and washers M8 (items A, B) as shown in fig. 8.
***Do not tighten yet.**

Fig. 9



6. Loosely insert supplied bolts M8x25 with washers M8 (items A, B) to insert nuts M8 as shown in fig. 9.
***Do not tighten yet.**

Fig. 10

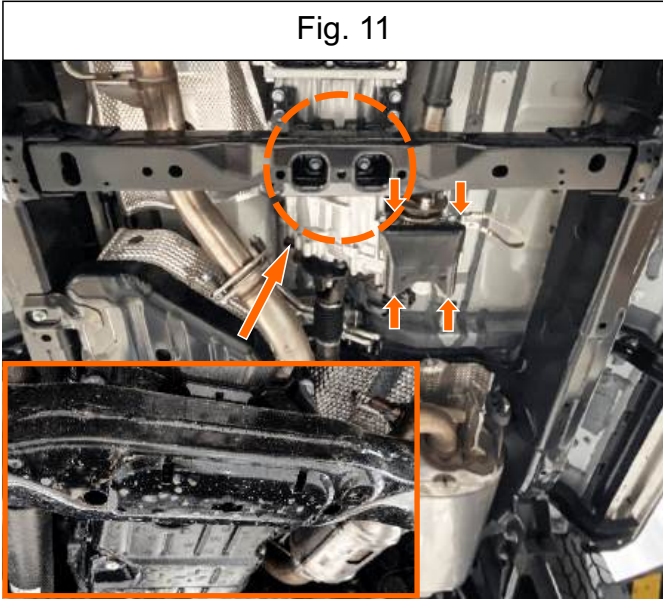


7. Slide front part of skid plate under previously installed bolts M8. After that secure rear part using bolts M8x25 and washers M8 (items A, B) as shown in fig. 10.
***Once all bolts are inserted, check skid plate alignment and tighten all previously installed hardware.**

INSTALLATION PROCEDURE

TOYOTA LC250 2.4I HYBRID / 4RUNNER 2.4I HYBRID

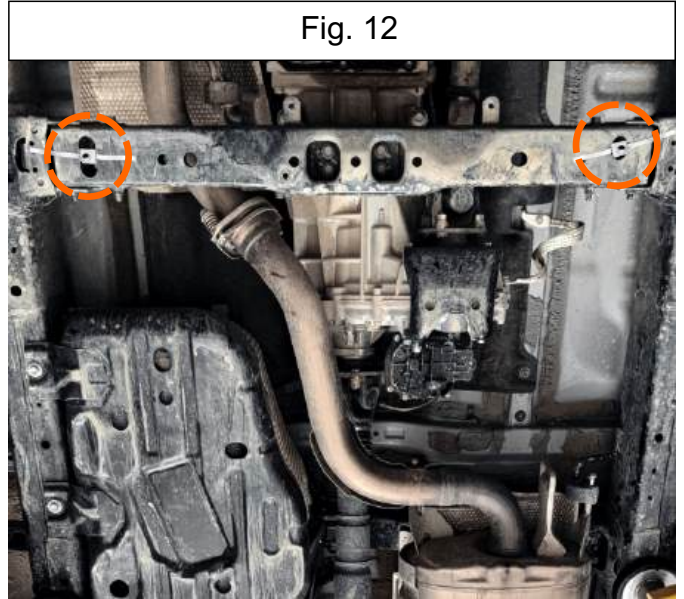
Fig. 11



8. Remove factory plastic pad and factory cover as shown in fig. 11.

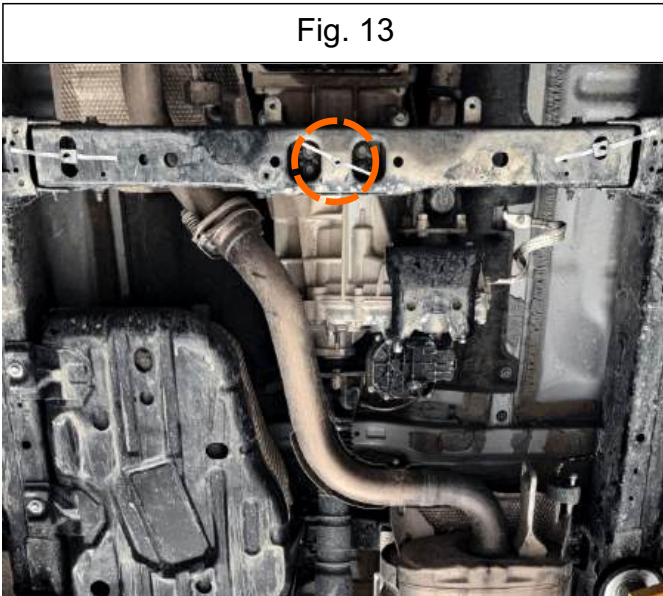
***If your vehicle is not equipped with plastic pad or factory cover, skip the step.**

Fig. 12



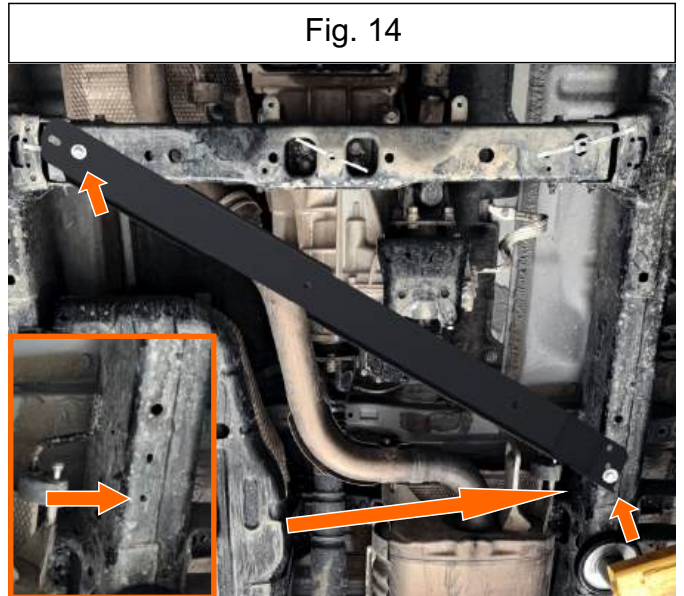
9. Install insert nuts M8x70 (item C) as shown in fig. 12.

Fig. 13



10. Install insert nut M8x65 (item D) as shown in fig. 13.

Fig. 14



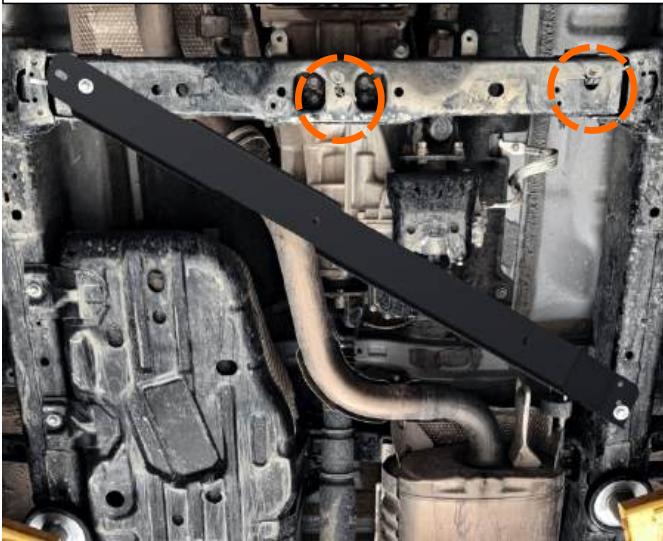
11. Secure crossmember (item 2) using bolts M8x25 and washers M8 (items A, B) as shown in fig. 14.

***Do not tighten yet.**

****For installation the rear mounting point of crossmember use factory threaded hole.**

INSTALLATION PROCEDURE

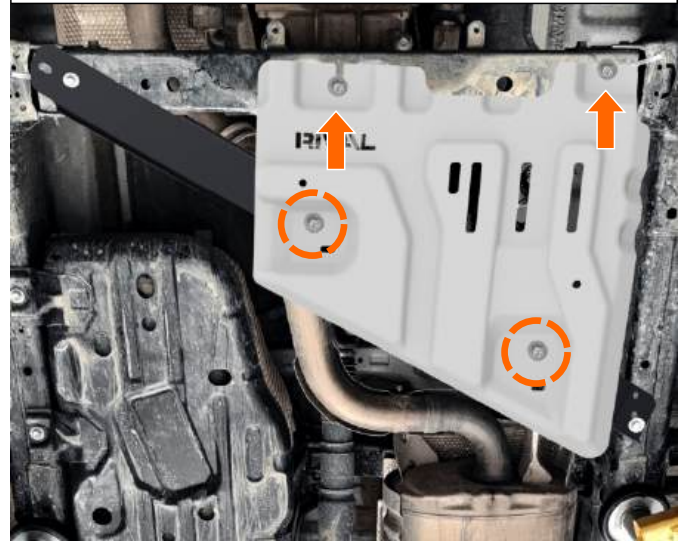
Fig. 15



12. Loosely insert supplied bolts M8x25 with washers M8 (items A, B) to insert nuts M8 as shown in fig. 15.

***Do not tighten yet.**

Fig. 16

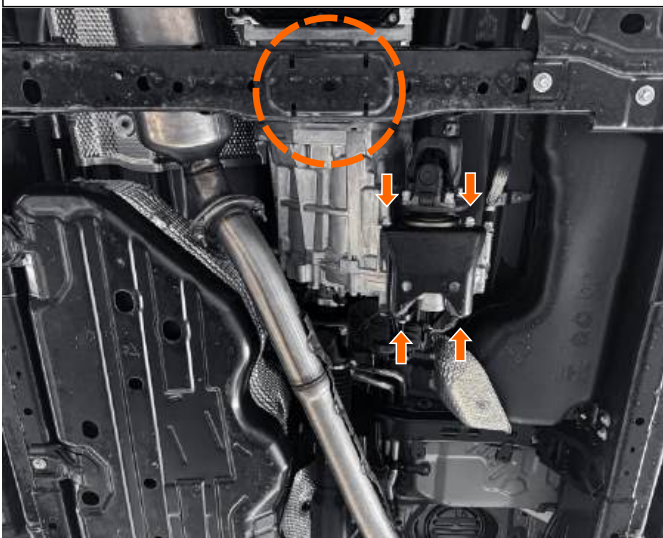


13. Slide front part of skid plate under previously installed bolts M8. After that secure rear part using bolts M8x25, washers M8 (items A, B) as shown in fig. 16.

***Once all bolts are inserted, check skid plate alignment and tighten all previously installed hardware.**

TOYOTA LC250 2.8D / LC300 / LEXUS GX550

Fig. 17



14. Remove factory plastic pad and factory cover as shown in fig. 17.

***If your vehicle is not equipped with plastic pad or factory cover, skip the step.**

Fig. 18



15. Install insert nuts M8x70 (item C) as shown in fig. 18.

INSTALLATION PROCEDURE

Fig. 19



16. Install insert nuts M8x65 (item D) as shown in fig. 19.

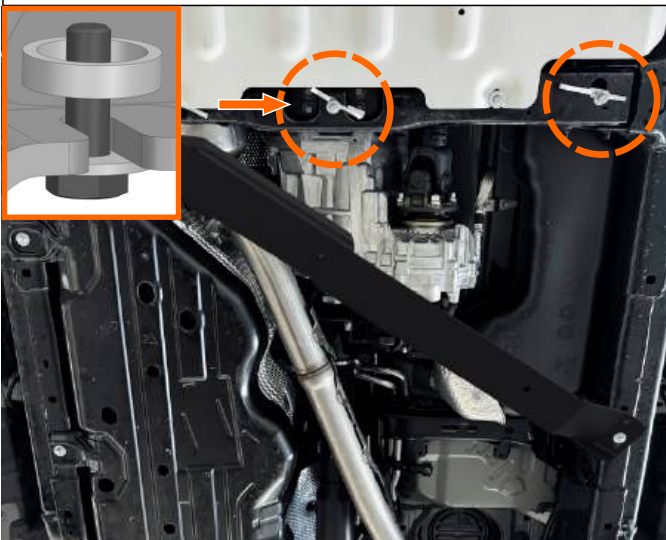
Fig. 20.



17. Secure crossmember (item 2) using bolts M8x25 and washers M8 (items A, B) as shown in fig. 20.

***Do not tighten yet.**

Fig. 21

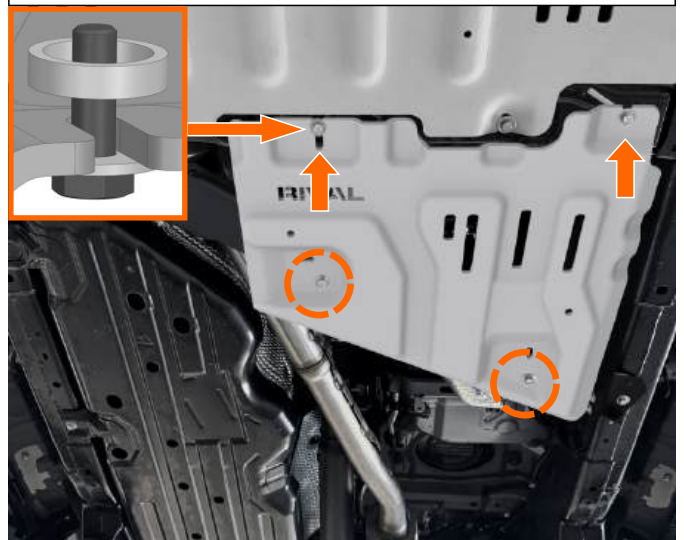


18. Loosely insert supplied bolts M8x25 with washers M8 and spacer 6mm (items A, B, E) to insert nuts M8 as shown in fig. 21.

***Do not tighten yet.**

****Do not use spacer ONLY for GX550 vehicle.**

Fig. 22

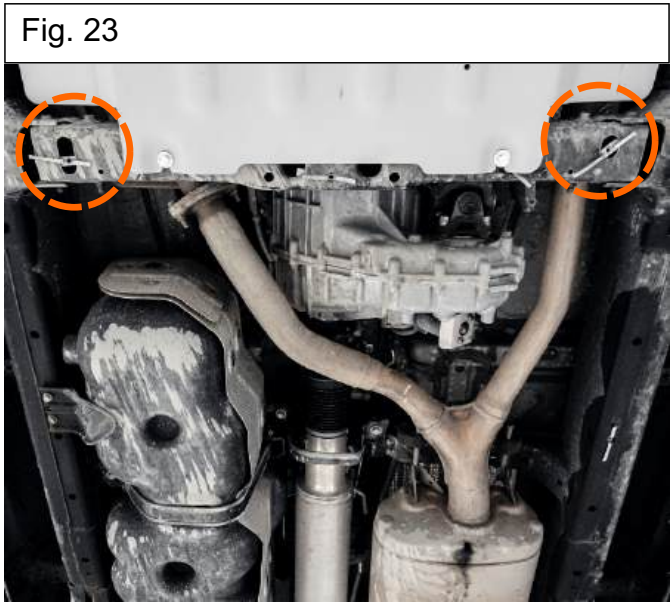


19. Slide front part of skid plate under previously installed bolts M8. After that secure rear part using bolts M8x25, washers M8 (items A, B) as shown in fig. 22.

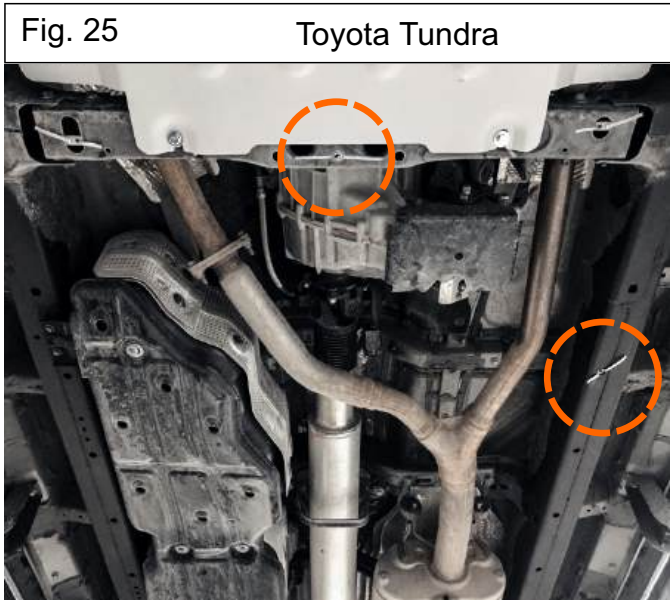
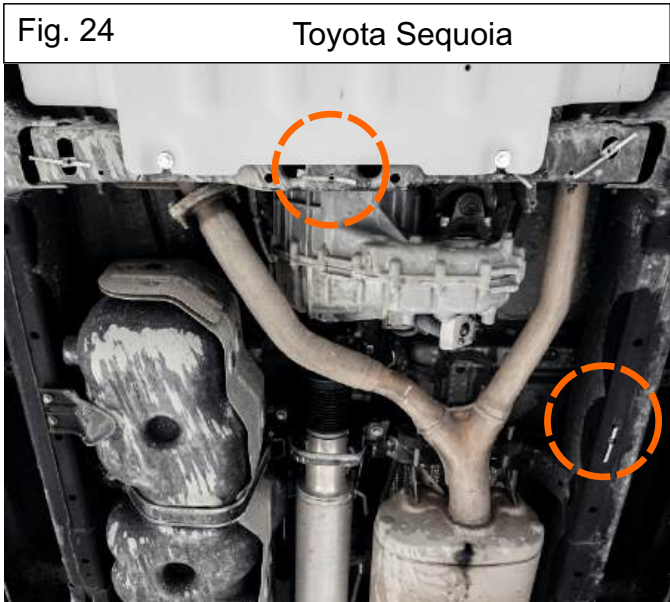
****Once all bolts are inserted, check skid plate alignment and tighten all previously installed hardware.**

INSTALLATION PROCEDURE

TOYOTA TUNDRA / SEQUOIA



20. Install insert nuts M8x70 (item C) as shown in fig. 23.



21. Install insert nuts M8x65 (item D) as shown in fig. 24 Toyota Sequoia fig. 25 Toyota Tundra.

INSTALLATION PROCEDURE

Fig. 26

Toyota Sequoia



Fig. 27

Toyota Tundra



22. Secure crossmember (item 2) using bolts M8x25 and washers M8 (items A, B) as shown in fig. 26. Toyota Sequoia
fig. 27 Toyota Tundra.

***Do not tighten yet.**

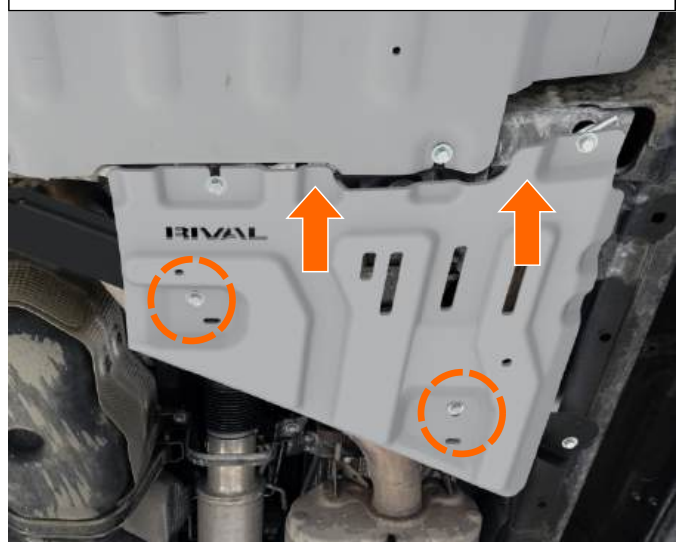
Fig. 28



23. Loosely insert supplied bolts M8x25 with washers M8 (items A, B) to insert nuts M8 as shown in fig. 28.

***Do not tighten yet.**

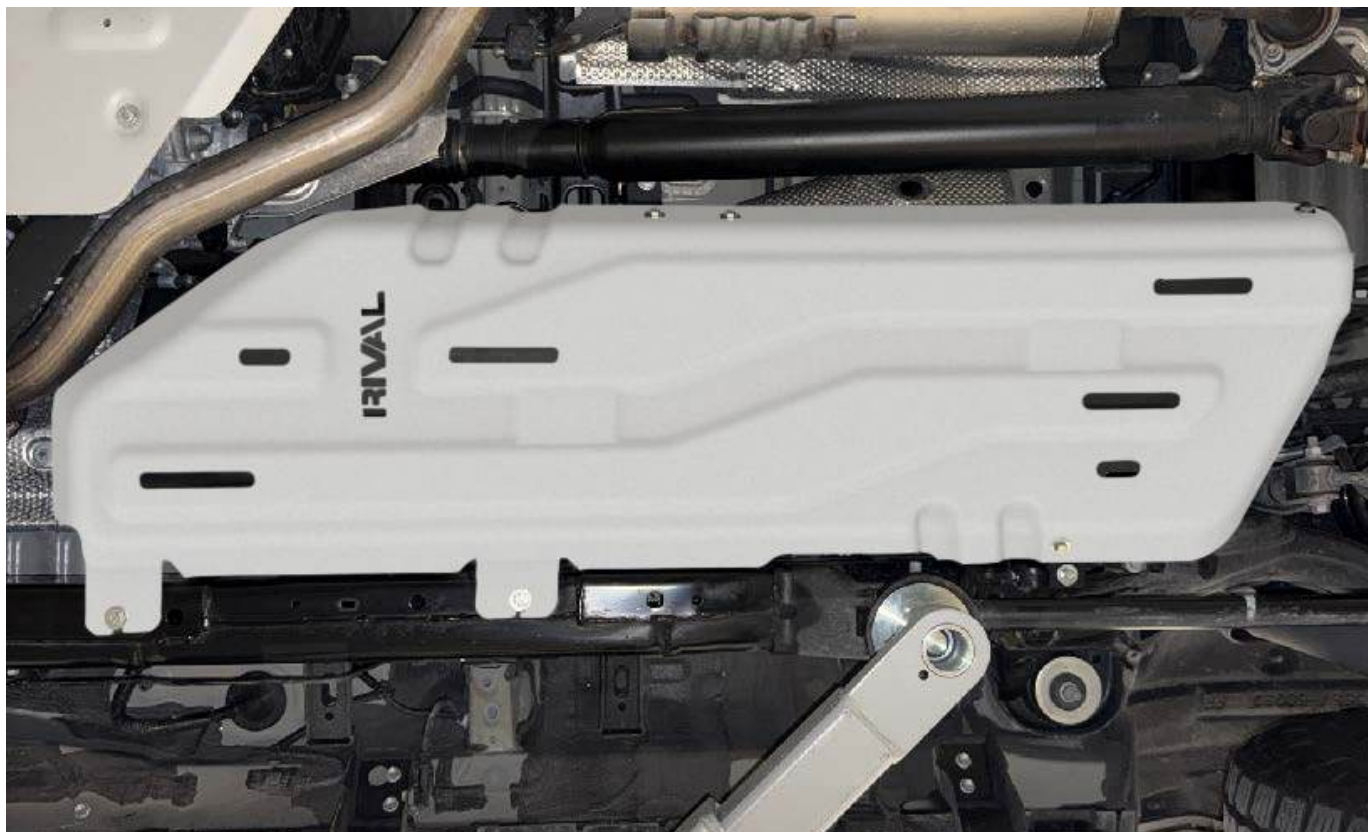
Fig. 29



24. Slide front part of skid plate under previously installed bolts M8. After that secure rear part using bolts M8x25 and washers M8 (items A, B) as shown in fig. 29.

***Once all bolts are inserted, check skid plate alignment and tighten all previously installed hardware.**

FUEL TANK SKID PLATE



Material: aluminum / steel

Part number: 2333.9581.2.6; 2111.9581.2.3; 2333.9581.2.



WEB VERSION

READ BEFORE INSTALLATION

CAUTION!

To reduce the risk of serious injury or damage to property: before you start installing and using this product, read the full instructions, pay special attention to the conditions of safe use and recommendations for installation! When installing or maintaining this product, it is necessary to use protective goggles. Check the integrity of the installed components and torque all hardware every 250 miles (400 kms). Discontinue use if there is any damage to the structure or fasteners!

NOTICE

Skid plates are supplemental protection. We cannot guarantee protection against all possible damage from impacts. When driving, be careful of objects and terrain that may damage sensitive parts of the vehicle.

SAFETY NOTICE

- The RIVAL skid plate is designed to complement the use and design of the specified vehicle under conditions underlined by the vehicle manufacturer.
- While driving the vehicle at any speed, collision with another vehicle, animal or object must always be avoided.
- Following any collision with another vehicle, animal or object, the RIVAL skid plate and the vehicle must be inspected by a specialized or suitably qualified vehicle technician for possible damage to the components and assemblies in order to confirm suitability for further use of the vehicle.
- It is strongly recommended that you do not operate a vehicle with a damaged skid plate or its components. In the case of damage, please contact the nearest RIVAL dealer. A damaged vehicle or skid plate is extremely dangerous and should be avoided at all cost.
- If applicable, we recommend using a funnel when changing the oil to prevent spills and ensure a clean process.

INSTALLATION NOTICE

- The RIVAL skid plate must be mounted to the vehicle according to this installation manual.
- Personal safety during the installation process must be adhered to at all times.
- Do not install this skid plate on vehicle models other than those listed in this manual.
- We recommend using blue threadlocker on all hardware.
- Estimated time for installation: 1 hour.

Required tools

Basic tool kit
Torque wrench

Torque setting

M8 - 24 Nm (17.7 lb/ft)

VEHICLE COMPATIBILITY



Toyota LC250 2.4, 2.4 Hybrid, 2.7, 2.8D; AT; 4WD (2024-Present)

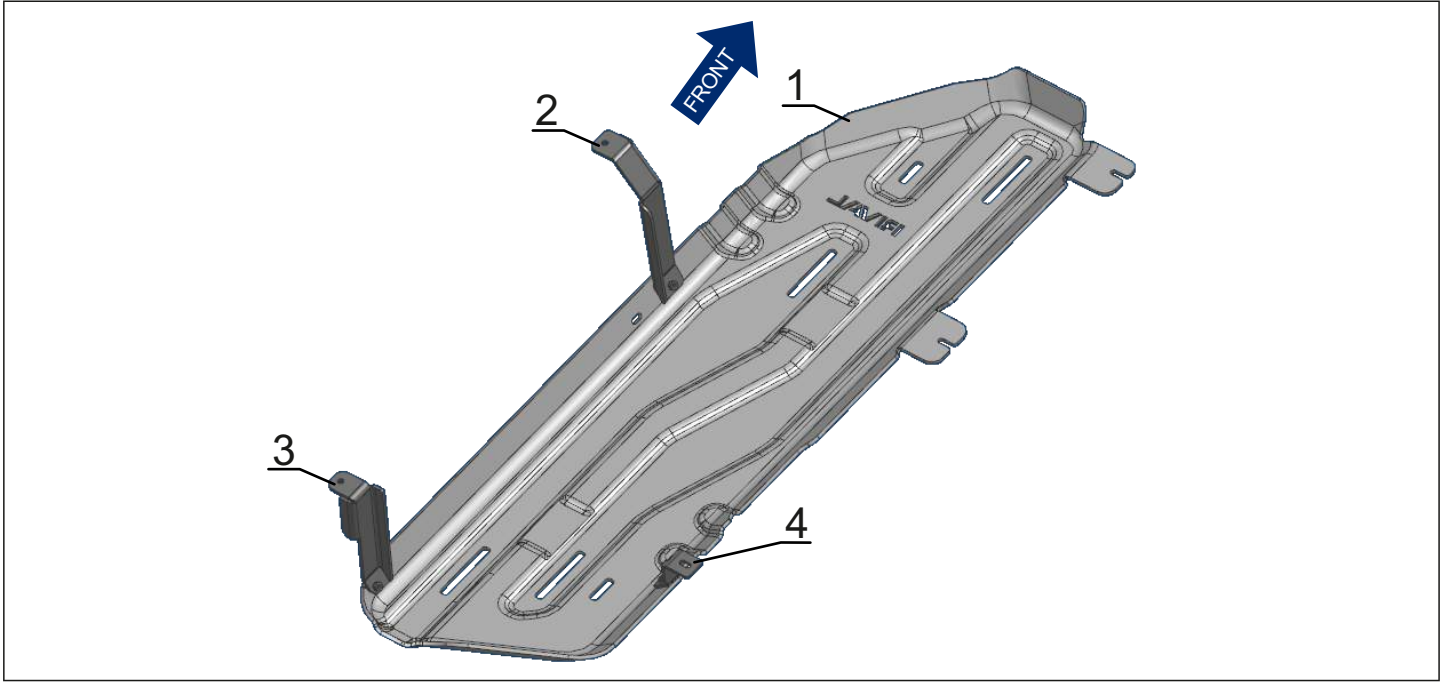


Lexus GX550 3.4; AT; 4WD (2024-Present)

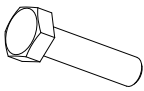
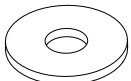


Toyota LC300 GR Sport 3.4D; AT; 4WD (2021-Present)

PARTS LISTING



1	Fuel tank skid plate 1
2	Mounting bracket 1
3	Mounting bracket 2
4	Mounting bracket 3

A		Bolt M8 x 25	8
B		Washer M8	8

INSTALLATION PROCEDURE



*If equipped, remove factory or any aftermarket skid plates that might interfere with installation

Fig. 1

Fig. 2



Fig. 3



1. Secure bracket 1 (item 2) using M8x25 bolts (item A) with M8 washers (item B) as shown in fig. 1-3.

***Do not tighten yet.**

INSTALLATION PROCEDURE

Fig. 4



Fig. 5



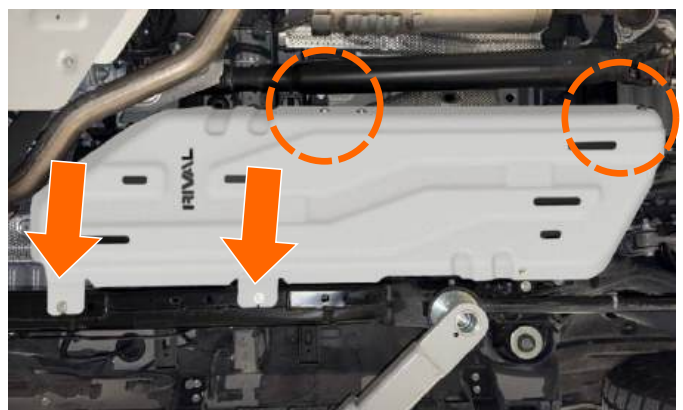
2. Secure bracket 2 (item 3) using M8x25 bolts (item A) with M8 washers (item B) as shown in fig. 4, 5.
*Do not tighten yet.

Fig. 6



3. Loosely insert supplied M8x25 bolts (item A) with M8 washers (item B) into threaded holes as shown in fig. 6.
*Do not tighten yet.

Fig. 7



4. Slide skid plate (item 1) on previously installed bolts from step 3 and secure the opposite side using M8x25 bolts (item A) with M8 washers (item B) as shown in fig. 7.

INSTALLATION PROCEDURE

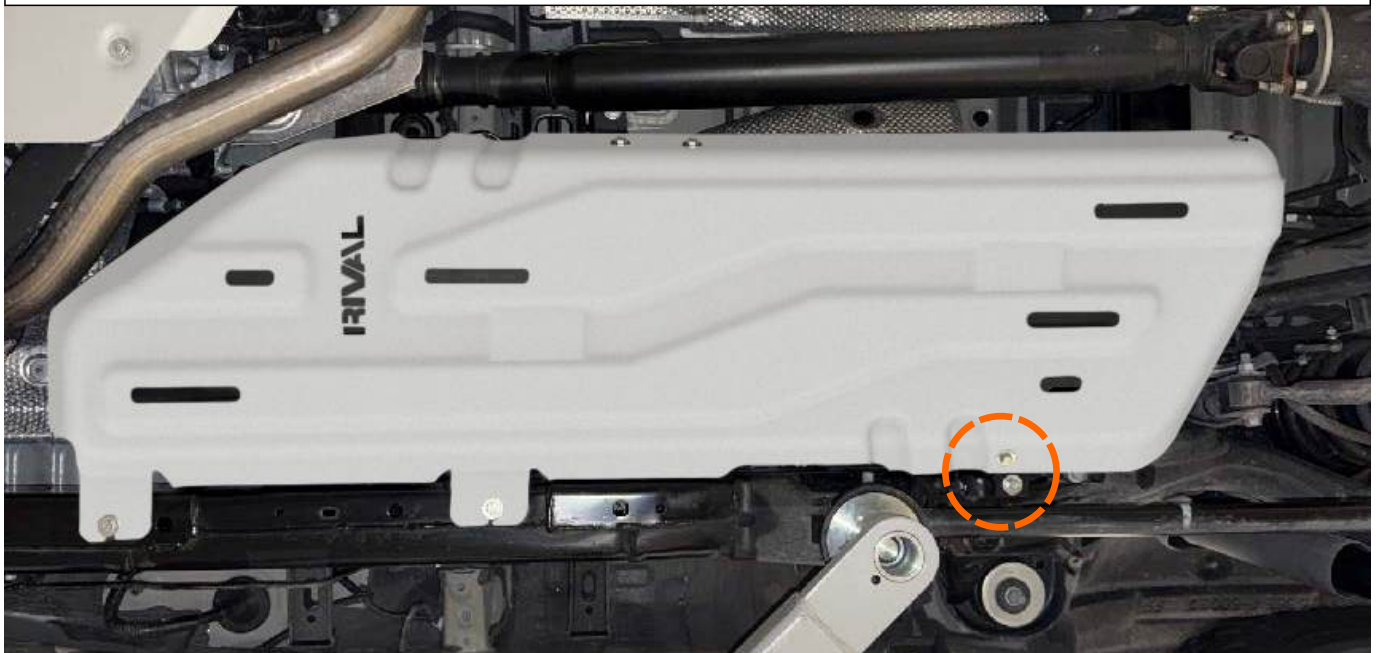
Fig. 8



Fig. 9



Fig. 10



5. Install and secure remaining bracket 3 (item 4) using M8x25 bolts (item A) with M8 washers (item B) as shown in fig. 8-10.



Before operating a vehicle fitted with RIVAL skid plates:

- Make sure all fittings are properly torqued.
- Ensure the integrity of the structure and its components.