

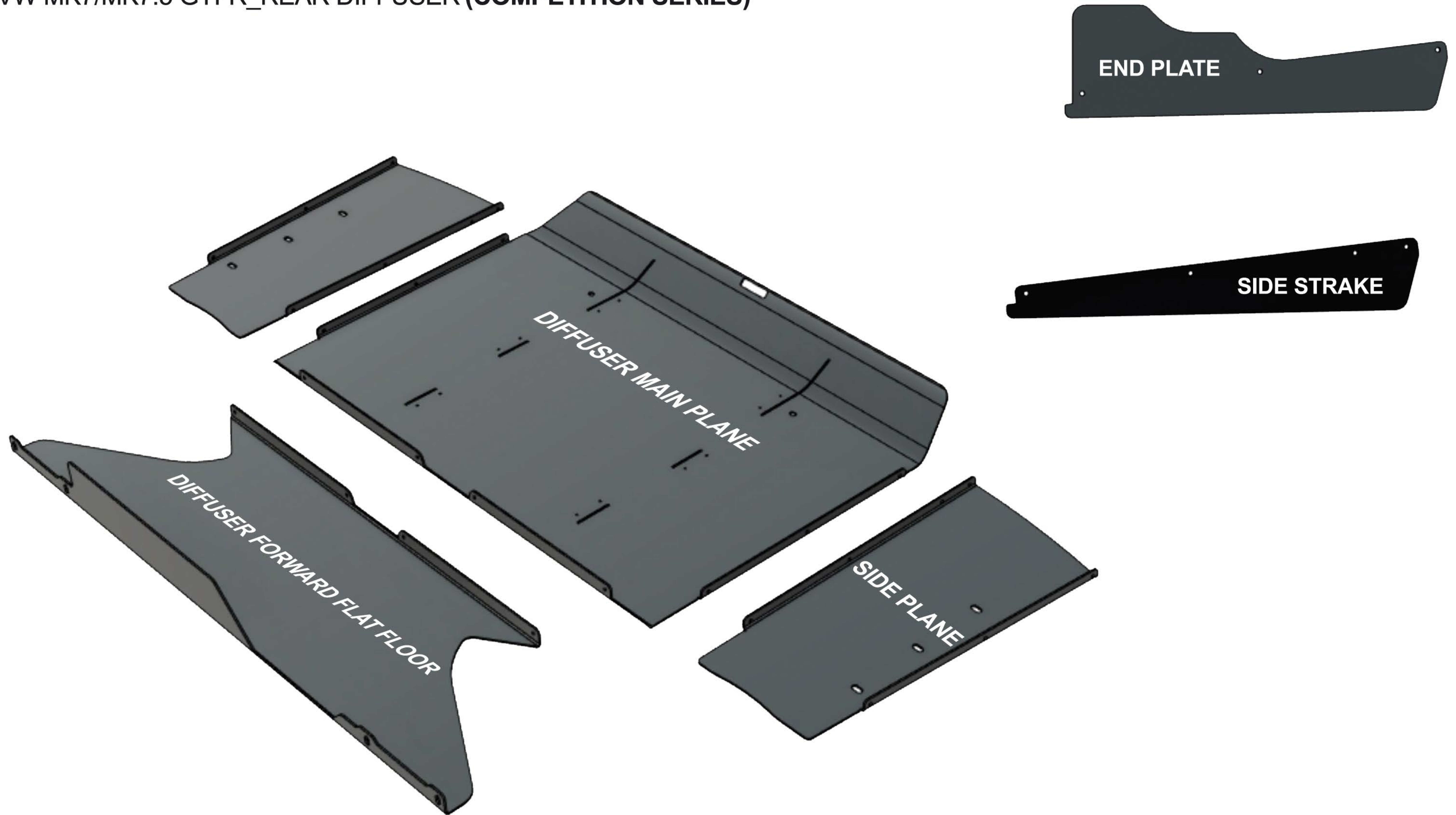
WARNING
HARDWARE THREAD GALLING / THREADLOCKER

aerofabb, LLC is not responsible for damage to you or your vehicle while following this Install Guide and/or installing aerofabb products. Professional install is recommended.

We provide Fasteners in Stainless Steel to ensure a long life span. Although Stainless Steel has many benefits like extreme corrosion resistance, threads can be sensitive to Nylon Lock Nuts. We recommend installing hardware with an Anti-Seize thread lubricant to prevent thread galling. Slowing down speed of install and keeping bolts stationary while tightening nuts are common practices to prevent thread galling.

We also recommend installing hardware with hand tools to prevent overtightening and the use of medium threadlocker where fastening locations utilize rivnuts and/or where no locking nuts are used.

COMPONENT IDENTIFICATION DIAGRAM:
VW MK7/MK7.5 GTI-R_REAR DIFFUSER (COMPETITION SERIES)



INSTALLATION GUIDE:
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KIT COMPONENTS

QTY	DESCRIPTION
1	DIFFUSER MAIN PLANE
1	DIFFUSER FORWARD FLAT FLOOR
2	MAIN STRAKE (PRE-INSTALLED)
2	DIFFUSER SIDE PLANE
2	SIDE STRAKE
2	END PLATE
2	REAR BRACKET ("C" SHAPED)
2	EXHAUST BRACKET
2	FORWARD BRACKET ("L" SHAPED)

HARDWARE (A)

QTY	DESCRIPTION
4	M5 X 12MM BOLT
4	M5 LOCK NUT

HARDWARE (B)

QTY	DESCRIPTION
8	M5 X 12MM BOLT
8	M5 LOCK NUT

NOTES:

1. CONFIRM NO HARDWARE OR COMPONENTS ARE MISSING BEFORE INSTALL.

HARDWARE (C)

QTY	DESCRIPTION
2	M6 X 16MM BOLT
2	M6 LOCK NUT
4	M6 X 18MM OD WASHER

HARDWARE (D)

QTY	DESCRIPTION
2	M8 LOCK NUT
2	M8 X 15MM OD WASHER

HARDWARE (E)

QTY	DESCRIPTION
6	M6 X 16MM BOLT
6	M6 X 18MM OD WASHER

HARDWARE (F)

QTY	DESCRIPTION
6	M6 X 16MM BOLT
6	M6 LOCKNUT
12	M6 X 18MM OD WASHER

HARDWARE (G)

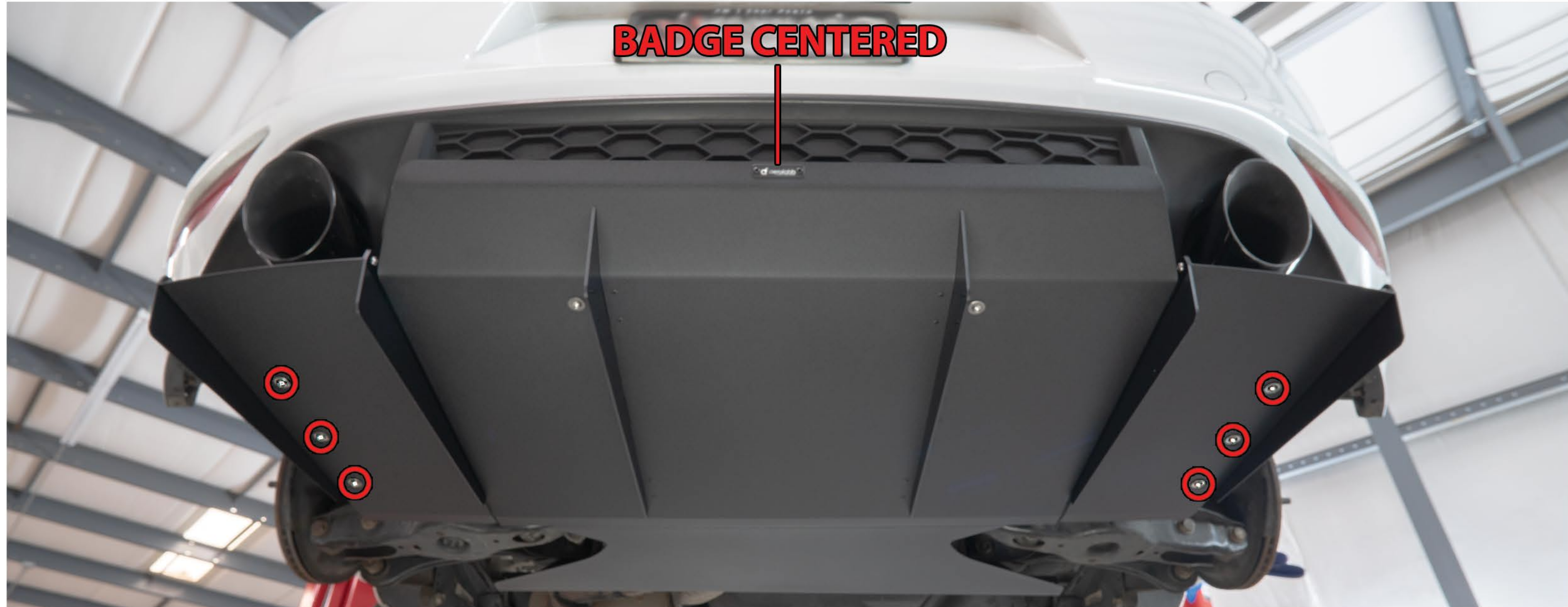
QTY	DESCRIPTION
6	COUNTERSUNK M5 X 12MM BOLT
6	M5 LOCK NUT

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8. Using a **4mm Hex Wrench** and **10mm Wrench**, install **HARDWARE (F)** through the **SIDE PLANES** and into the **EXHAUST BRACKETS**.

*-If needed, install the remaining hardware from your Drop Kit instead of using the standard fasteners from **HARDWARE (F)**.*

9. Ensure proper alignment of Diffuser. The aerofabb Competition Series badge should be centered with the rear bumper valance. Once Diffuser is centered, go back through all bolts and tighten.



NOTES:

1. ***EXHAUST BRACKETS MAY REQUIRE ROTATING TO ALIGN WITH HOLES ON SIDE PLANES.**
2. ***EACH VEHICLE WILL VARY FROM THE FACTORY BUT DIFFERENT LENGTH DROP KITS MAY BE REQUIRED ON EACH SIDE PLANE TO ENSURE BOTH ARE EQUALLY LEVEL.**
3. ***EACH VEHICLE WILL VARY FROM THE FACTORY SO MINOR BENDING OF FACTORY L BRACKETS MAY BE REQUIRED FOR REAR BRACKETS TO ALIGN PROPERLY.**
4. Use anti-seize thread lubricant on all bolts from **HARDWARE (F)** and do not overtighten.

Ignore installed end plates shown in photo above.

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10. Using a 3mm Hex Wrench and 8mm Wrench, install **END PLATES** with **HARDWARE (G)**.

*-The aerofabb Logo and countersunk holes on **END PLATES** face outwards.*

11. Check that all hardware is tight to complete installation.



NOTES:

1. Removal of rear wheels may be necessary to access nuts on backside of endplate.

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3/8" DROP KIT

QTY	DESCRIPTION
8	3/4" OD X 3/8" LG SPACER
8	M6 X 25MM BOLT

1/2" DROP KIT

QTY	DESCRIPTION
8	3/4" OD X 1/2" LG SPACER
8	M6 X 30MM BOLT

3/4" DROP KIT [GTI ONLY]

QTY	DESCRIPTION
8	3/4" OD X 3/4" LG SPACER
8	M6 X 40MM BOLT

MISC

QTY	DESCRIPTION
1	MEDIUM THREADLOCKER

HAVE THE FOLLOWING TOOLS READY FOR USE

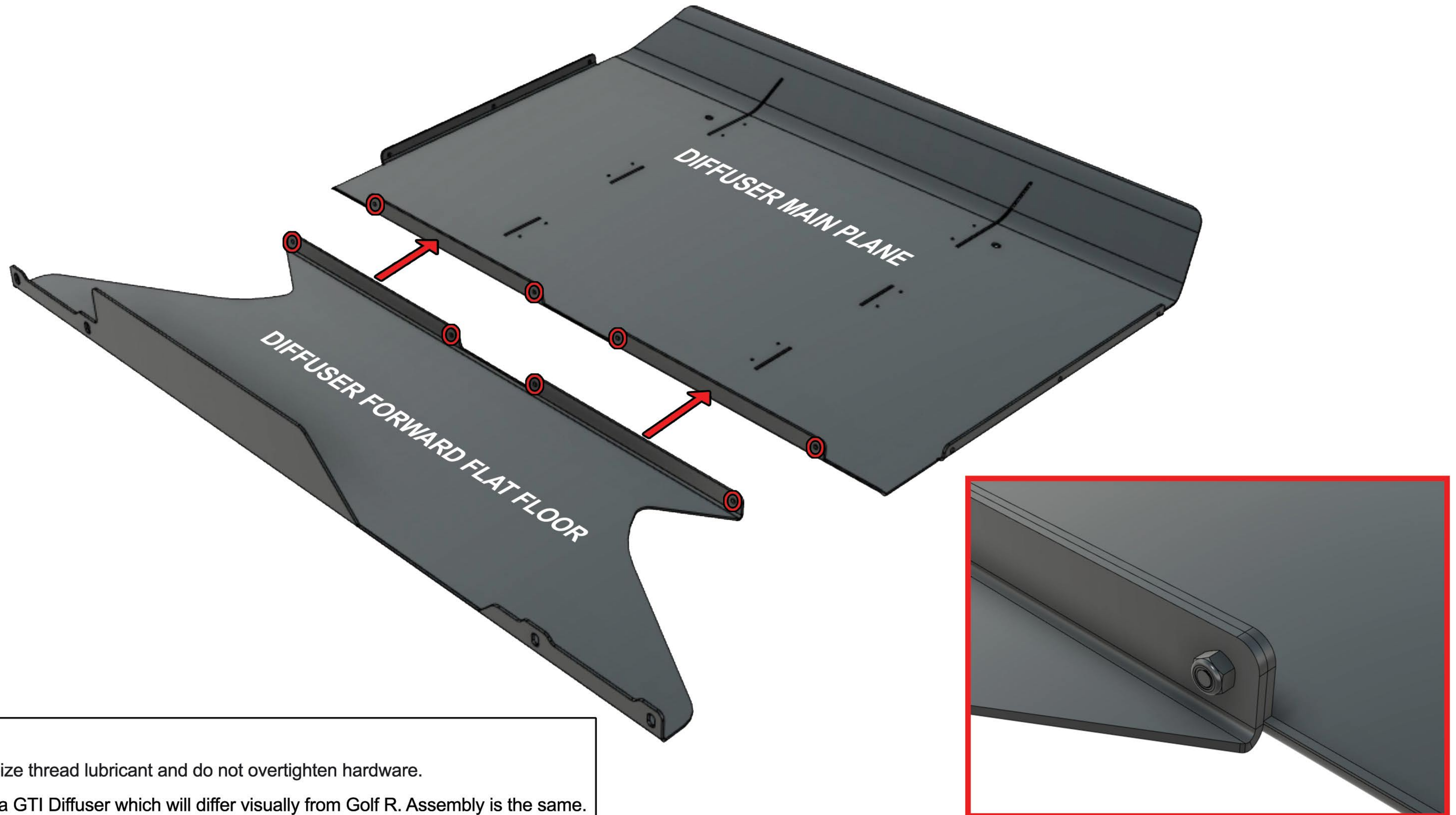
- Bubble Level or Angle Finder •Ratchet •Extension
- T-15 Torx •3mm Hex Wrench •4mm Hex Wrench
- 8mm Wrench •10mm Wrench •13mm Socket
- Anti-seize Thread Lubricant

Continue to [PAGE 3] for Step 1.

NOTES:
 1. CONFIRM NO HARDWARE OR COMPONENTS ARE MISSING BEFORE INSTALL.
 2. Disregard 3/4" Drop Kit if you purchased a Golf R Diffuser.

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1. Using a 3mm Hex Wrench and 8mm Wrench, assemble the **DIFFUSER MAIN PLANE** to the **DIFFUSER FORWARD FLAT FLOOR** and fasten with **HARDWARE (A)**.

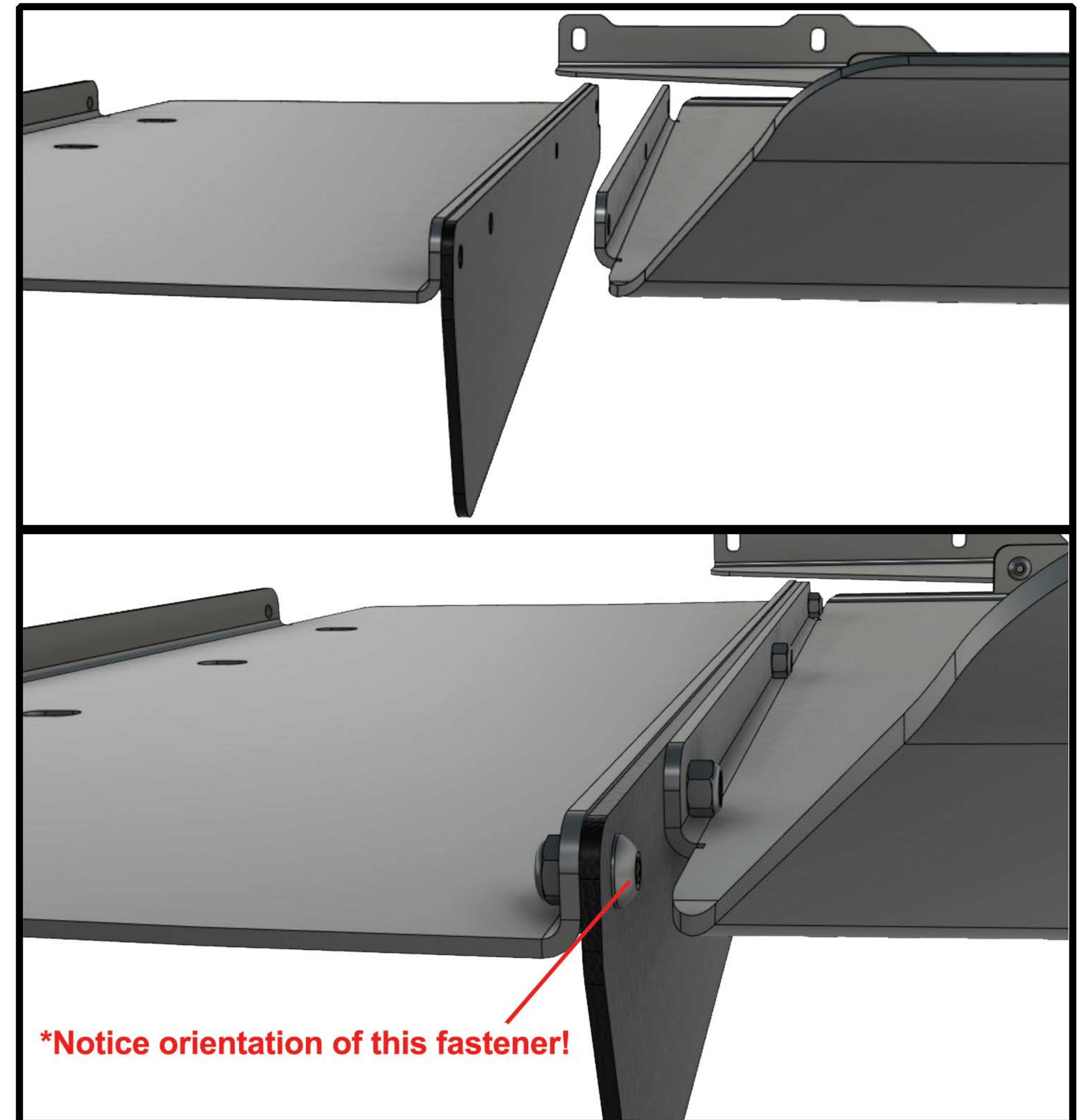
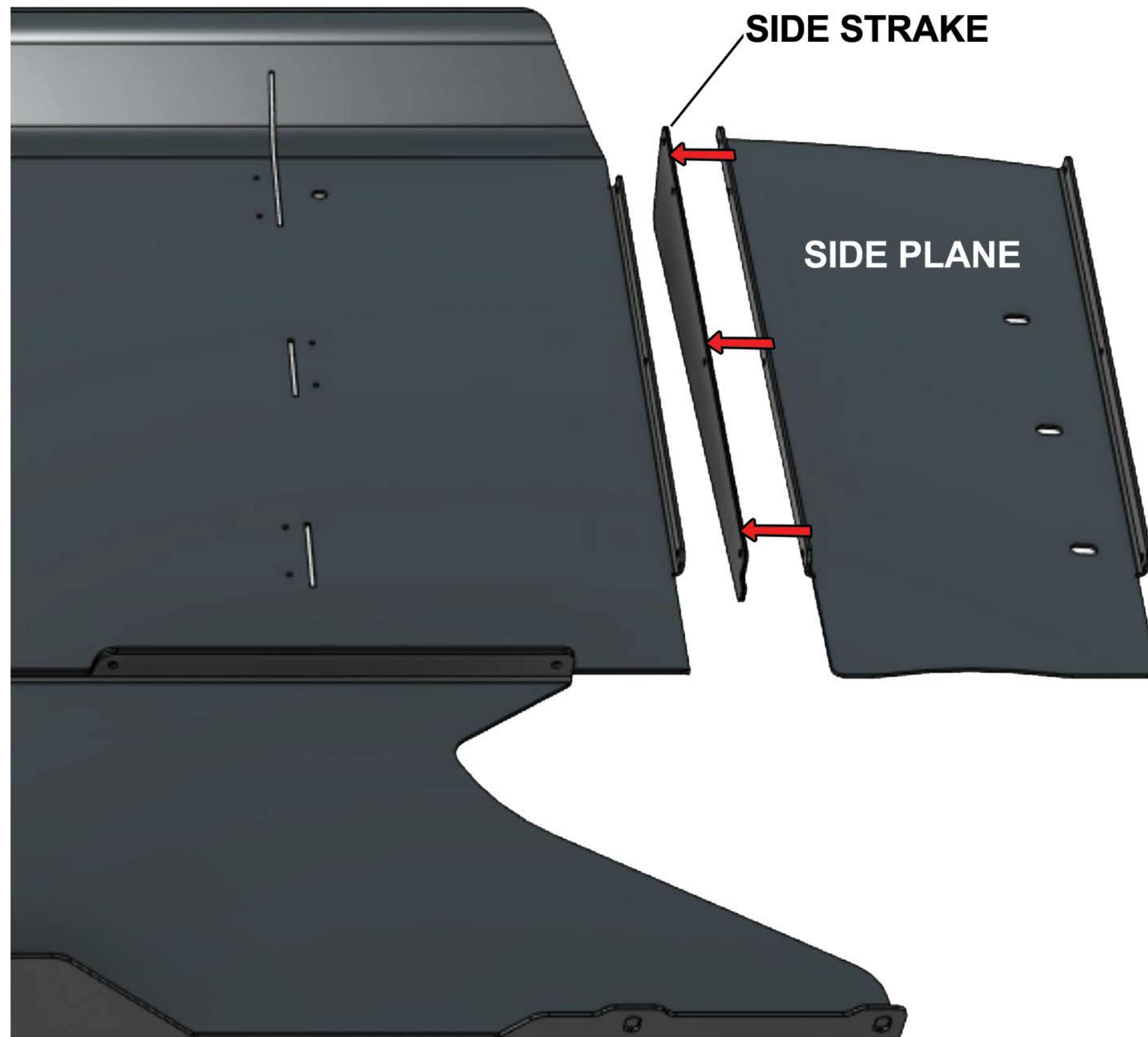


NOTES:

1. Use anti-seize thread lubricant and do not overtighten hardware.
2. Pictured is a GTI Diffuser which will differ visually from Golf R. Assembly is the same.

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2. Using a **3mm Hex Wrench** and **8mm Wrench**, assemble the **SIDE PLANES** and **SIDE STRAKES** to the **DIFFUSER MAIN PLANE**, sandwiching the Strakes between both Planes with **HARDWARE (B)**.



NOTES:

1. Use anti-seize thread lubricant and do not overtighten hardware.
2. Pictured is a GTI Diffuser which will differ visually from Golf R. Assembly is the same.

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- Using a **T-15 Torx**, remove the factory plastic torx screws and retainers from the rear bumper valance.
- Using **HARDWARE (C)**, install the **REAR BRACKETS ("C" SHAPED)** in place of the plastic retainers with a **4mm Hex Wrench** and **10mm Wrench** as shown below. *Washers are installed on top of fatory metal L Bracket and on bottom of **REAR BRACKETS ("C" SHAPED)**.*

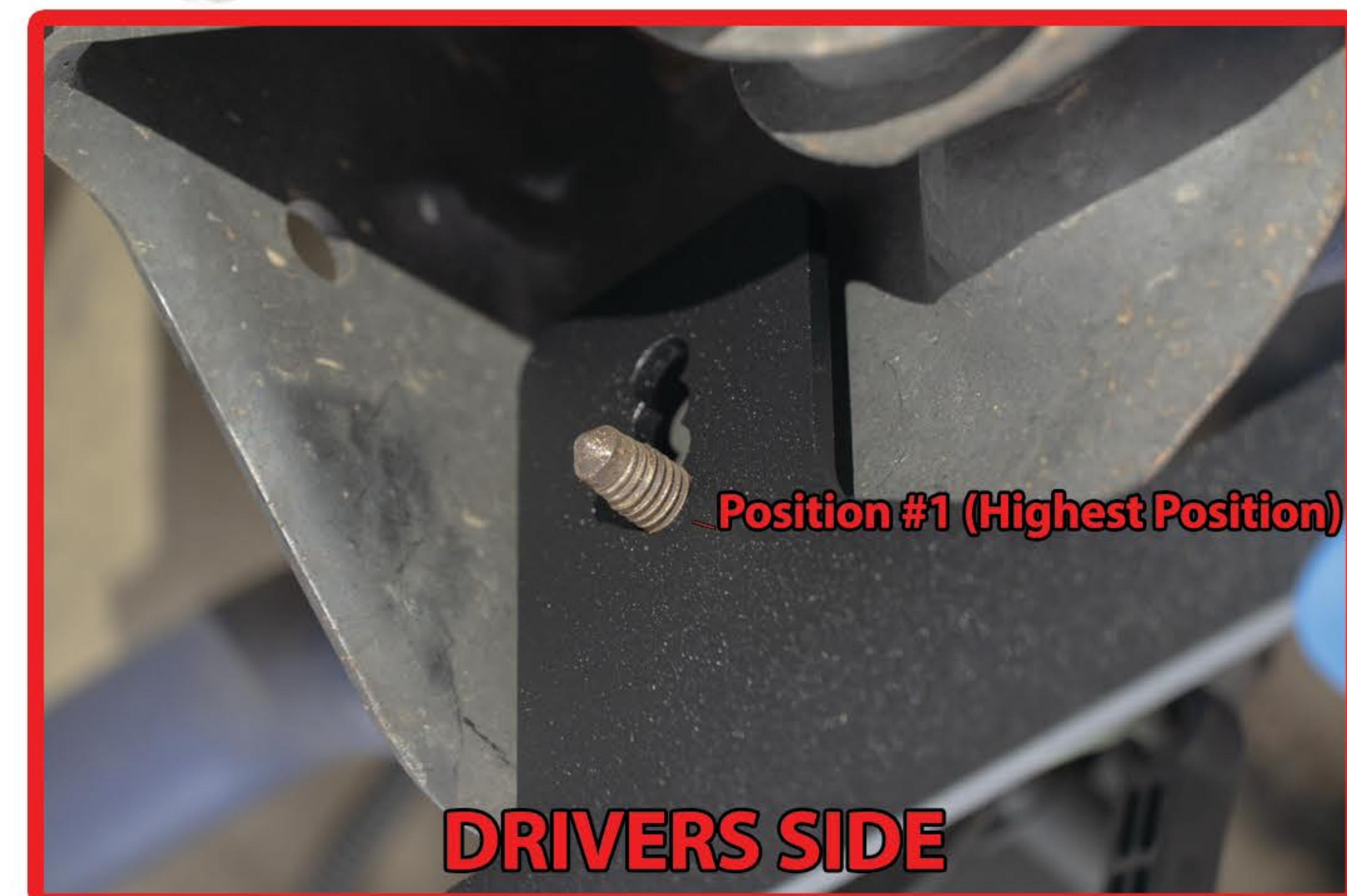


NOTES:

- Use anti-seize thread lubricant and do not overtighten hardware.
- *Brackets need to be angled upwards towards rear of vehicle.**

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5. Locate the two lower rear sway bar bushing bolts on front side of rear subframe. Using **HARDWARE (D)**, loosely install the **FORWARD BRACKETS ("L" SHAPED)** over the excess bolt threads of lower sway bar bolts with a **Ratchet and 13mm Socket**. **Press Nuts on brackets face rear of vehicle.*



NOTES:

1. Use anti-seize thread lubricant and do not overtighten hardware.
2. ***There are multiple mounting positions for drop kits. Loosely install at highest position first.**

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6. Locate the right rear exhaust hanger. While supporting the exhaust, use a **Ratchet** and a **13mm Socket** to remove the factory bolt. Using the factory bolt, install the right **EXHAUST BRACKET** as shown below. Repeat process on left side.



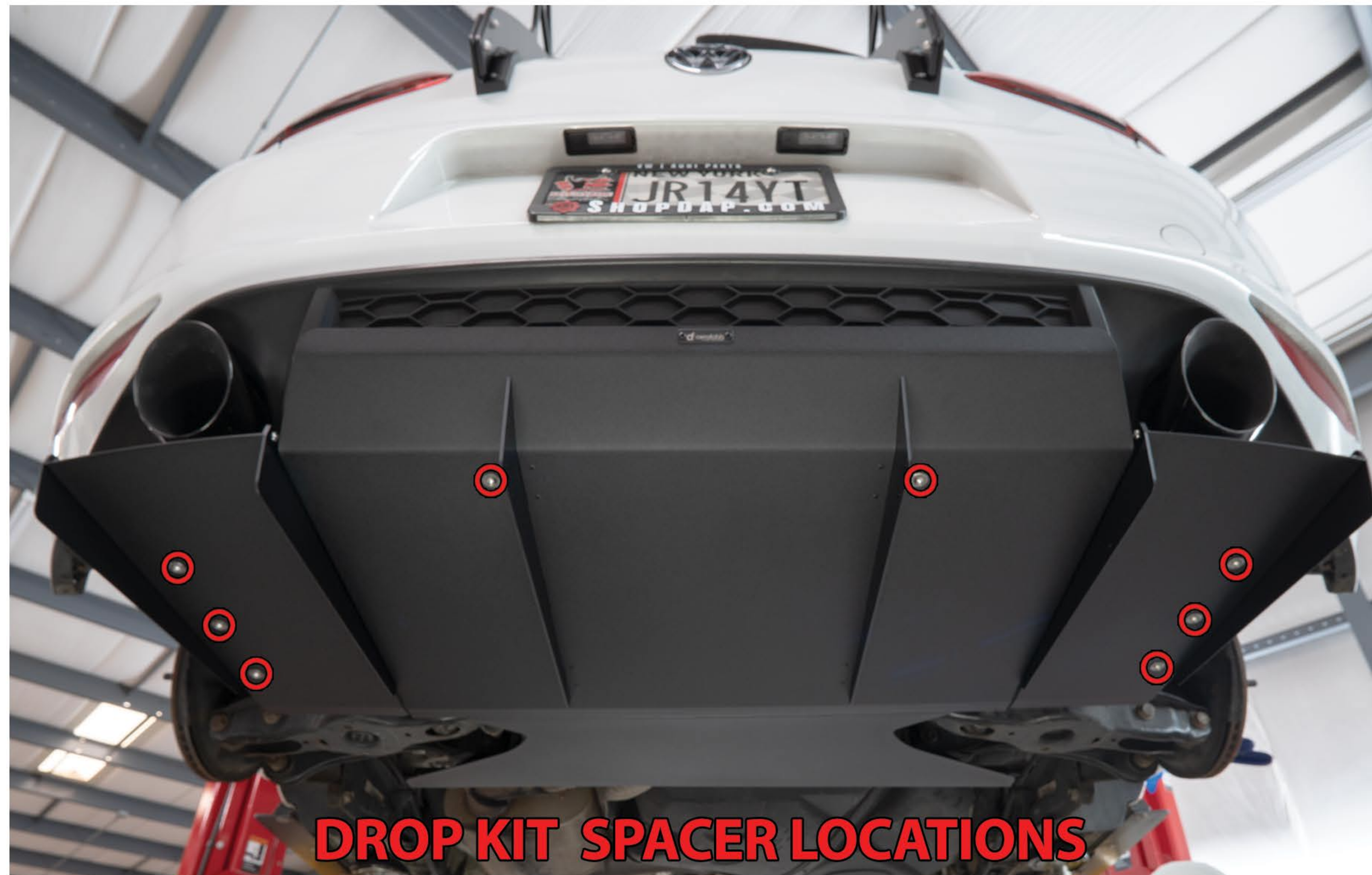
NOTES:

1. Use anti-seize thread lubricant and do not overtighten hardware.
2. ***Brackets need to be angled upwards towards rear of vehicle.***

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SOME EXHAUST SETUPS MAY REQUIRE THE USE OF A DROP KIT: The **FORWARD BRACKETS ("L" SHAPED)** can be lowered for each kit.

-Position #2 is for the 3/8" Kit, Position #3 is for the 1/2" Kit, and Position #4 **[GTI ONLY]** is for the 3/4" Kit. The spacers for each kit are installed **BETWEEN** the Diffuser and **REAR BRACKETS ("C" SHAPED) / EXHAUST BRACKETS**. Dry fit your Diffuser first to see if a Drop Kit is required for your exhaust set up.



NOTES:

1. **Adjustment of exhaust system and tips should be done first before dry fit. Try tucking exhaust as close to the body as possible.**
2. **Diffuser should be placed at the highest position without interference with exhaust system.**
3. A helping hand is highly recommended when dry fitting Diffuser.

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7. Apply the **MEDIUM THREADLOCK** to all bolts from **HARDWARE (E)**. Raise your assembled Diffuser and use a **4mm Hex Wrench** to loosely install bolts with washers into the **REAR BRACKETS ("C" SHAPED)** and **FORWARD BRACKETS ("L" SHAPED)**.

*-If needed, install part of your Drop Kit into **REAR BRACKETS ("C" SHAPED)** and lower the **FORWARD BRACKETS ("L" SHAPED)** to the appropriate position based on your Drop Kit of choice.*

Before tightening any bolts, use a **Bubble Level or Angle Finder** to ensure that the **DIFFUSER FORWARD FLAT FLOOR** is level to the ground or as close to 0° as possible.

The **DIFFUSER FORWARD FLAT FLOOR** can be finely adjusted for leveling and/or exhaust clearance by moving up or down on the slots.



NOTES:

1. Ignore hardware on side planes and installed end plates shown in photo above.
2. **Diffuser should be placed at the highest position without interference with exhaust system.**
3. A helping hand is highly recommended when mounting Diffuser.