



RACING SPORT CONCEPTS



INSTALLATION GUIDE

CORVETTE C8 KNIGHTHAWK WING

WARNING!!!

PLEASE READ BEFORE INSTALLING PRODUCT

- ⇒ ALL RACING SPORT CONCEPTS PRODUCTS SHOULD ONLY BE INSTALLED BY CERTIFIED MECHANICS (AUTOMOTIVE TECHNICIANS). ONLY COMPETENT AND EXPERIENCED MECHANICS ARE QUALIFIED TO SPOT TECHNICAL PROBLEMS WITH YOUR VEHICLE OR WITH THE PRODUCT. FAILURE TO HAVE THE PRODUCT INSTALLED BY A PROFESSIONAL CERTIFIED MECHANIC MAY RESULT IN PART FAILURE OR ANY NUMBER OF UNINTENDED CONSEQUENCES.
- ⇒ ALL RACING SPORT CONCEPTS PRODUCTS SHOULD BE TESTED IN A SAFE ENVIRONMENT AFTER INSTALLATION TO ENSURE PROPER INSTALLATION AND FUNCTIONALITY OF THE PRODUCT.
- ⇒ THIS PRODUCT IS NOT INTENDED FOR OFF-ROAD USE.
- ⇒ THE BUYER IS SOLELY RESPONSIBLE FOR THE PRODUCT THEY CHOOSE, AND TO THE SUITABILITY OF THE PRODUCT FOR THE INTENDED APPLICATION.
- ⇒ THESE INSTALLATION INSTRUCTIONS ARE INTENDED TO BE USED BY CERTIFIED MECHANICS ONLY. RACING SPORT CONCEPTS DOES NOT RECOMMEND INSTALLATION BY ANYONE THAT IS NOT A CERTIFIED AND WELL-EXPERIENCED AUTOMOTIVE TECHNICIAN/MECHANIC.
- ⇒ INSTALLATION OF THESE PARTS IS AN AGREEMENT NOT TO HOLD RACING SPORT CONCEPTS, AS A COMPANY, OR ANY OF ITS EMPLOYEES, LIABLE FOR ANY CIRCUMSTANCES OR COSTS THAT MAY ARISE FROM USING ANY OF THESE PARTS.
- ⇒ RACING SPORT CONCEPTS RECOMMENDS INSPECTING YOUR PRODUCTS ON AN SEMI-ANNUAL BASIS OR EVERY 2000 MILES (WHICHEVER COMES FIRST) TO ENSURE THAT NO ISSUES ARE DEVELOPING AND ENSURE THAT THE PRODUCT IS PERFORMING AS EXPECTED.

TOOLS LIST

C8 BLACKHAWK WING INSTALLATION GUIDE

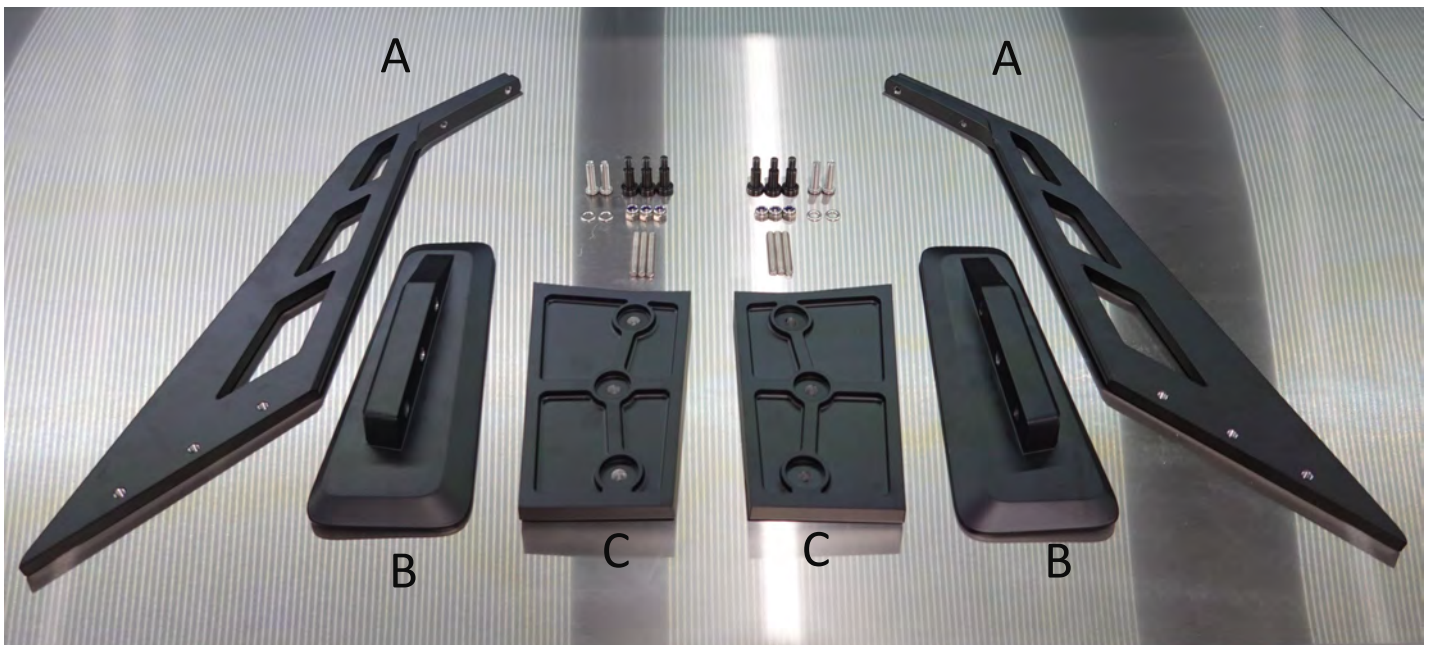
- 1/4IN DRIVE 10MM DEEP SOCKET
- 1/4IN DRIVE RATCHET
- 1/4IN DRIVE 4MM ALLEN SOCKET
- 1/2 INCH POUND TORQUE WRENCH
- 1/4IN DRILL BIT
- DRILL



PARTS & HARDWARE LIST

C8 BLACKHAWK WING INSTALLATION GUIDE

- RACING SPORT CONCEPTS C8 BLACKHAWK WING BLADE
- PART A: 2 WING STANCHIONS
- PART B: 2 STANCHION FEET
- PART C: 2 UNDER DECKLID MOUNTING BRACKETS
- 6 M6 BLACK OXIDIZED SHOULDER BOLTS
- 6 M6 X 30MM STAINLESS STEEL STUDS
- 4 M6 X 25MM STAINLESS STEEL BUTTON HEAD BOLTS
- 4 M6 WASHERS
- 2 M6 10MM NUTS
- 1 PACKET OF BLUE THREADLOCKER
- 4 GASKETS



STEP 1

INSTALL STUDS INTO STANCHION FEET (PART B) BY DOUBLING UP THE TWO NON LOCKING NUTS AND TORQUE THE STUDS TO 7 NEWTON METERS (62 INCH LBS)

TOOLS: 10MM SOCKET, 10MM WRENCH, INCH POUND TORQUE WRENCH



APPLY BLUE
THREADLOCKER TO
THREADS BEFORE
INSTALLING STUDS



STEP 2

INSTALL GASKETS ON STANCHION FEET

(NOTE: LEFT AND RIGHT GASKETS ARE ASYMMETRICAL AND SPECIFIC TO EACH SIDE. ALIGN GASKET TO CONFIRM FITMENT BEFORE EXPOSING ADHESIVE)



DO NOT PEEL
ADHESIVE BACKING
UNTIL YOU CONFIRM
FITMENT

STEP 3

INSTALL GASKETS ON STANCHIONS (PART A)

TOOLS: GASKETS



STEP 4

MARK HOLE LOCATIONS ON DECKLID USING MOUNTING BRACKET (PART C) AS A TEMPLATE

TOOLS: MARKER & MOUNTING BRACKET



STEP 5

DRILL 1/4IN HOLES IN THE LOCATIONS MARKED IN STEP 4

TOOLS: DRILL & 1/4IN DRILL BIT



STEP 6

INSTALL STANCHION FEET ONTO DECKLID BY ALIGNING STUDS WITH DRILLED HOLES AND PUSH DOWN UNTIL FLUSH WITH DECKLID SURFACE

TOOLS: NONE



STEP 7

INSTALL UNDER DECKLID MOUNTING BRACKETS BY ALIGNING HOLES IN BRACKET WITH STUDS AND HAND THREAD LOCK NUTS ONTO STUDS (DO NOT TIGHTEN)

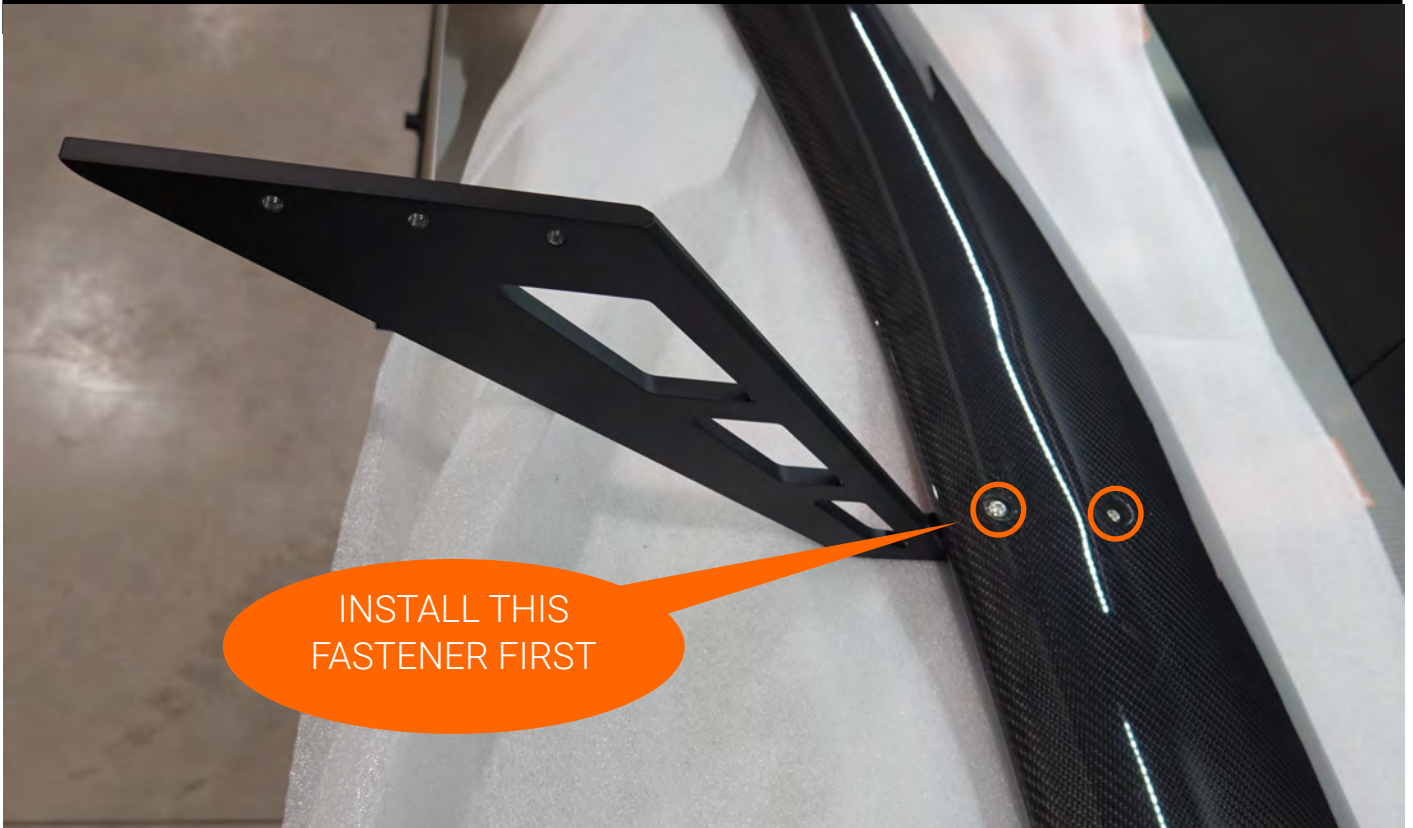
TOOLS: NONE



STEP 8

INSTALL STANCHIONS ONTO WING BLADE BY CAREFULLY HAND THREADING M6 BOLTS THROUGH BLADE INTO STANCHION. APPLY BLUE THREADLOCKER TO STANCHION THREADS (DO NOT TIGHTEN)

TOOLS: 4MM ALLEN BIT



WARNING: Stanchions are machined out of aluminum to save weight. Hardware is stainless steel for corrosion resistance. The stainless steel fastener can easily damage the aluminum threads in the stanchions if cross threaded. Carefully hand thread bolts into stanchions only DO NOT TIGHTEN YET

STEP 9

INSTALL WING ASSEMBLY BY CAREFULLY ALIGNING STANCHIONS WITH FEET AND HAND THREAD SHOULDER BOLTS THROUGH FOOT INTO STANCHION. APPLY BLUE LOCKTIGHT TO STANCHION THREADS.

TOOLS: 4MM ALLEN BIT



STEP 10

TORQUE M6 SHOULDER BOLTS TO 9 NEWTON METERS (80 INCH LBS)

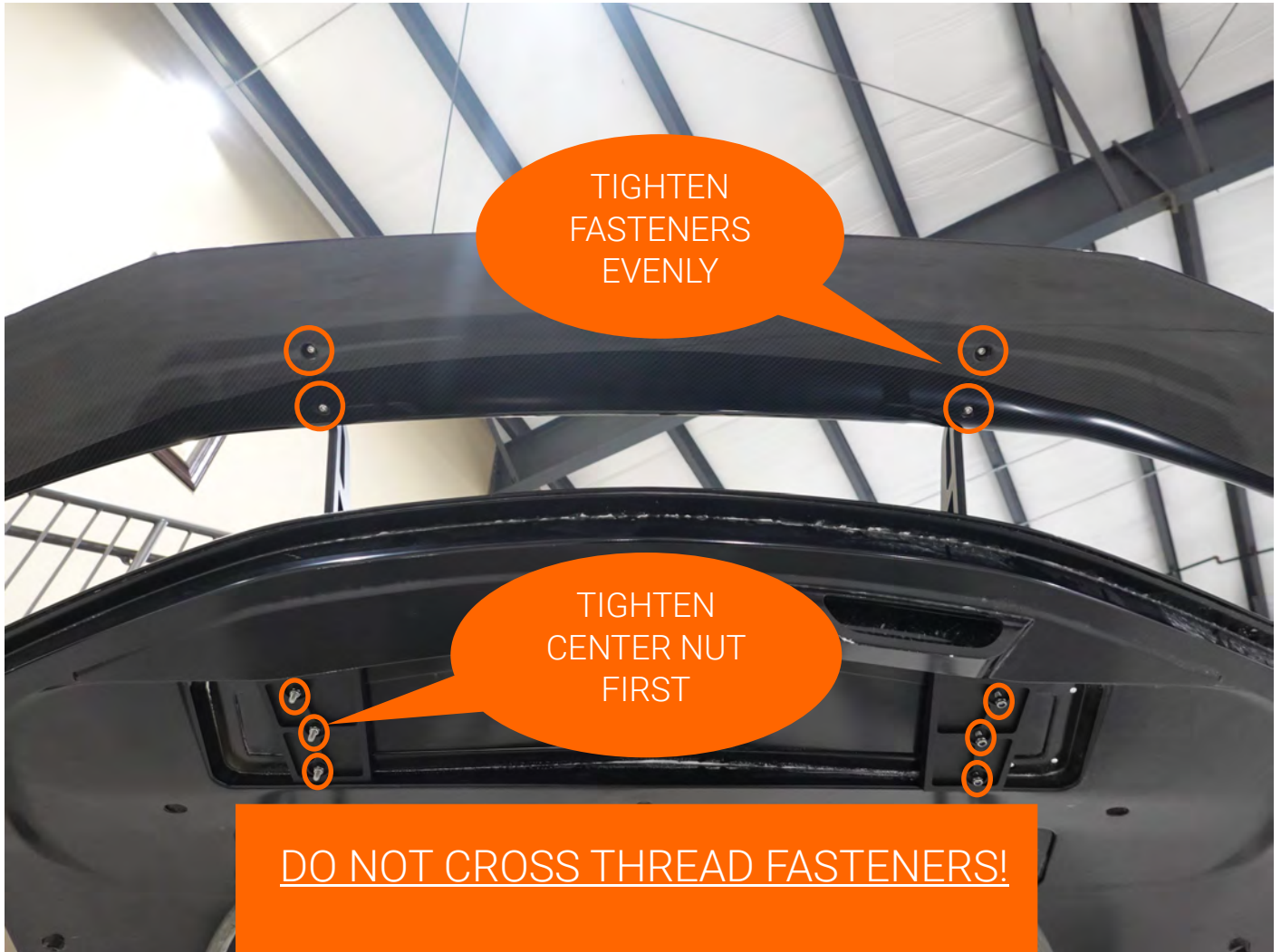
TOOLS: INCH POUND TORQUE WRENCH & 4MM ALLEN SOCKET



STEP 11

TORQUE M6 WING TO STANCHION BOLTS TO 7 NEWTON METERS (62 INCH LBS) AND 10MM LOCK NUTS TO 9 NEWTON METERS (80 INCH LBS)

TOOLS: INCH POUND TORQUE WRENCH, 4MM ALLEN SOCKET & 10MM SOCKET



FUNCTION | FIT | FINISH



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