

ATL

ATL SAVER CELL®

Racing Fuel Cell Bladder



FIA FT3 APPROVED

Assembly Instructions



Your ATL Saver Cell is a high quality piece of safety equipment. Final assembly is not difficult, but must be done in strict accordance with the following instructions and diagram:

1. All components shown in the diagram (over) are provided with your Saver Cell except for the Container, Container Hardware, Optional Return, and Static Ground Strap. These items, as well as fuel lines and fittings may be purchased from your ATL Dealer.
2. Position the "Duck Foot" Fuel Trap and Strainer at the bottom of the SAVER CELL under the FOAM BAFFLING. "Stock" and "Sprint" cars generally draw fuel from the right rear fuel cell corner while "Sports" and "Off-Road" cars draw from both rear corners. If you need additional fuel pickups or other sizes, contact your local ATL Dealer.
3. Position the GASKET on top of the SAVER CELL as shown, and lay the FILL PLATE slightly offset from the fuel cell opening to facilitate connecting the FUEL PICKUP HOSE.
4. Holding the top flats of the OUTLET FITTING with a box-end wrench, tighten the SWIVEL HOSE END firmly as shown using an open-end wrench.
5. Align the FILL PLATE with the GASKET and NUT-RING. Then install 23 of the 24 BOLTS and SEALING WASHERS hand tight. Remove any grease, paint or anodizing around the 24th bolt hole for best conductivity. Attach your 1/2" wide STATIC GROUND STRAP as shown with the 24th BOLT. Torque these BOLTS in a criss-cross pattern to 40 inch pounds (4.5 N·M).
6. Use the sample drawing and chart (#DS208) to fabricate a container, using a minimum 20 gauge STEEL or .063" ALUMINUM. If you are not experienced in sheet metal construction, have a professional shop build the CONTAINER or order an ATL CONTAINER through an authorized Dealer. Adhere to the specified dimensions and do not build the container too snug.
7. When installing your fuel cell, adhere strictly to the ATL instructions (DS-433). Pay particular attention to location, bracketing, venting, grounding, and isolation from the driver compartment.
8. If you need help, please contact ATL directly at one of the locations listed below.

Thank you for using ATL equipment.

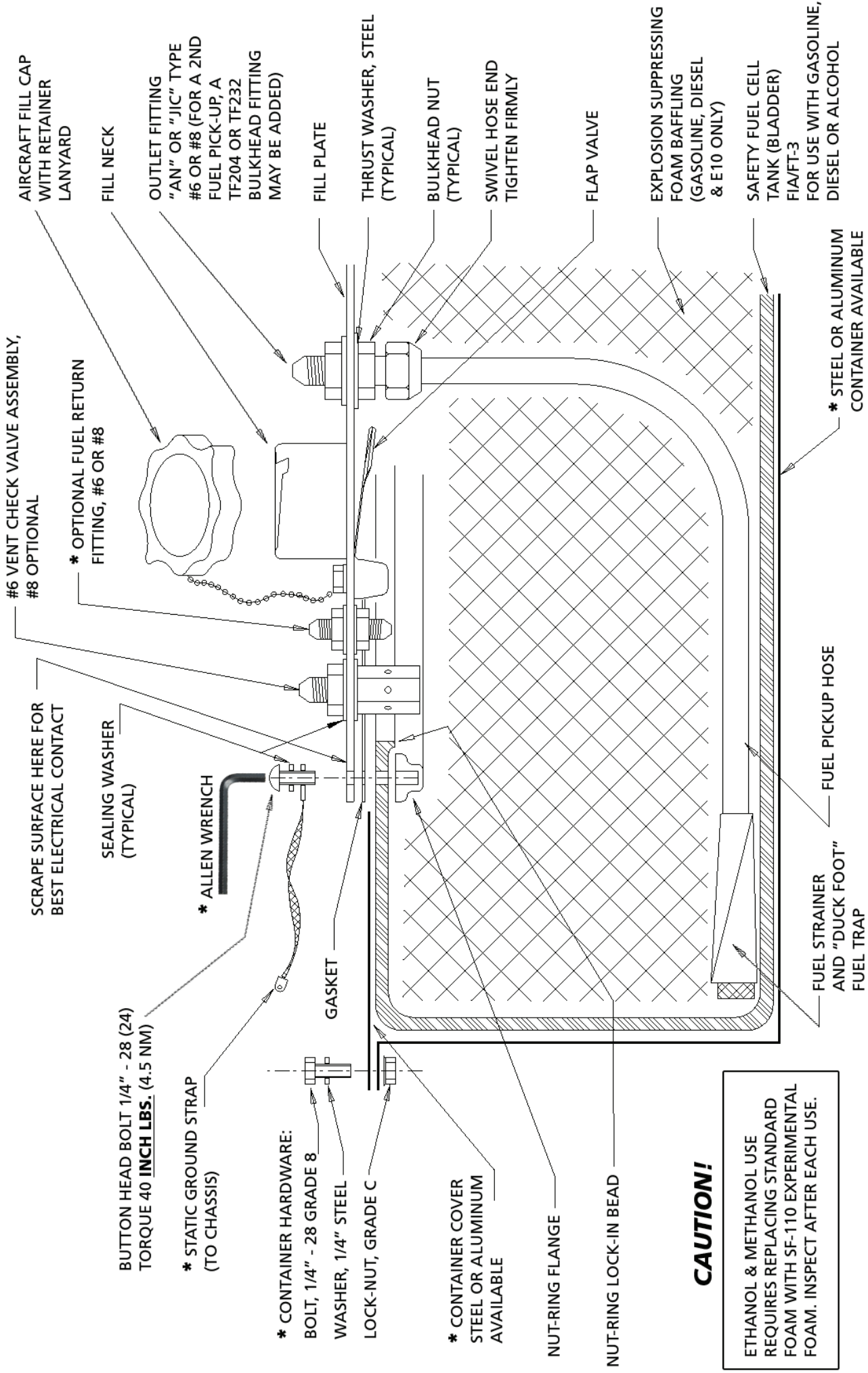
WORLD HEADQUARTERS

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ATL
DS-447
2x14



#6 VENT CHECK VALVE ASSEMBLY,
#8 OPTIONAL

SCRAPE SURFACE HERE FOR
BEST ELECTRICAL CONTACT

SEALING WASHER
(TYPICAL)

* ALLEN WRENCH

BUTTON HEAD BOLT 1/4" - 28 (24)
TORQUE 40 **INCH LBS.** (4.5 NM)

* STATIC GROUND STRAP
(TO CHASSIS)

* CONTAINER HARDWARE:
BOLT, 1/4" - 28 GRADE 8
WASHER, 1/4" STEEL
LOCK-NUT, GRADE C

* CONTAINER COVER
STEEL OR ALUMINUM
AVAILABLE

NUT-RING FLANGE

NUT-RING LOCK-IN BEAD

CAUTION!

ETHANOL & METHANOL USE
REQUIRES REPLACING STANDARD
FOAM WITH SF-110 EXPERIMENTAL
FOAM. INSPECT AFTER EACH USE.

* OPTIONAL FUEL RETURN
FITTING, #6 OR #8

FILL NECK

OUTLET FITTING
"AN" OR "JIC" TYPE
#6 OR #8 (FOR A 2ND
FUEL PICK-UP, A
TF204 OR TF232
BULKHEAD FITTING
MAY BE ADDED)

FILL PLATE

THRUST WASHER, STEEL
(TYPICAL)

BULKHEAD NUT
(TYPICAL)

SWIVEL HOSE END
TIGHTEN FIRMLY

FLAP VALVE

EXPLOSION SUPPRESSING
FOAM BAFFLING
(GASOLINE, DIESEL
& E10 ONLY)

SAFETY FUEL CELL
TANK (BLADDER)
FIA/FT-3

FOR USE WITH GASOLINE,
DIESEL OR ALCOHOL

* STEEL OR ALUMINUM
CONTAINER AVAILABLE

FUEL STRAINER
AND "DUCK FOOT"
FUEL TRAP

ATL® SAVER CELL® RACING FUEL CELL TANK

NOTE: * ITEMS ARE **NOT** STANDARD EQUIPMENT AND MUST BE USER SUPPLIED

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