FUEL DOOR INSTALLATION INSTRUCTIONS

FUEL DOOR KIT CONTAINS
- Pre-assembled fuel door plate and hinge
- (2) fuel door keys
- (2) 10-24 x ¾” Phillips head screws
- (2) plungers

TOOLS REQUIRED
- Electric drill and 17/64” drill bit
- Flat head screwdriver
- #3 size Phillips head screwdriver
- T-30 Torx bit

OVERVIEW
The Empire billet fuel door is a complete replacement of the factory door meaning the door and hinge mechanism is completely replaced. The installation consists of removing the factory door and hinge and installing the new Empire door and hinge. The Empire fuel door uses a plunger to keep the door closed and the door will spring open when either the key is turned. Just push the door closed and it will automatically latch until the next use. A key step to installing the fuel door is to ensure that fuel door is aligned properly in the opening (equal space around the edges) and the plunger slides in and out easily. WARNING: it will be difficult or impossible to open the fuel door if the plunger is not seated properly and “binds” inside the door.

REMOVE THE FACTORY FUEL DOOR
The factory fuel door will need to be completely removed and replaced. Open the door and notice on the left side of the round housing there are either two screws or two rivets side (one above and one below the door hinge). Remove the screws if you have them. Otherwise, use the 17/64” drill bit to drill out the rivets. You need to be careful and go slowly to ensure that you do not damage the paint will drilling. Once the hole in the rivet head starts to widen tilt your drill in multiple directions to remove enough of the rivet material to weaken and give way.

Now that the rivets (or screws) are removed, loosen the plastic shroud holding the cap and hose by removing the two screws above the shroud (use T-30 Torx bit) and the plastic clip below (use flat head screwdriver to pry clip open). Some vehicles have the fuel cap attached to the shroud and can remain there. Other vehicles have the cap attached to the factory hinge. In this case, unscrew the cap and let it hang from the hinge. It will be removed later.

With the two rivets (or screws), the two screws above and the clip below removed, push the shroud out of the way, and the factory fuel door and hinge will slide out. Do not remove the two rubber stoppers on the right side of the opening.

INSTALL THE PROPER PLUNGER IN FUEL DOOR
The Empire fuel door is supplied with two plungers so it can be used on multiple vehicles (see pictures on page 2). P1 is used with “07-13 Silverado 1500, 07-14 Silverado 2500HD/3500HD” and the P2 is use with “14-up Silverado 1500”. The fuel door has the P1 plunger installed at our factory. If you have a vehicle listed with P1 above you can skip the next step and move to INSTALL THE EMPIRE FUEL DOOR. If you have one of the vehicles listed for P2 then follow these instructions to swap the plunger.
Remove the three screws holding the plunger housing to the back of the face plate. Then, remove the P1 plunger and the spring. Apply Vaseline or similar lubricant to the P2 plunger. Insert the spring in the rear hole of the plunger and place them inside the plunger housing with the plunger notch point up (see pictures above). Insert and tighten down the 3 housing screws. Push in the plunger several times to ensure it slides easily through the plunger housing.

INSTALL THE EMPIRE FUEL DOOR
Insert the Empire fuel door hinge into the hole in the same location as the factory hinge. Use the (2) 10-24 x ¾” Phillips head screws to attach the hinge to your vehicle. The next step is to ensure the door plate is level and is centered inside the opening. Use the two screws just installed and the fours screws that attached the hinge to the fuel door face plate to center and rotate the face as needed. Once the face plate is level and centered, push the door shut and turn the key lock several times to **ensure the door opens freely**. If the key is difficult to turn then the door needs to be repositioned. If you do not get the plate aligned correct, the plunger could bind and result in the door not opening.

If you shut the door and it will not open after turning the key then it is likely the plunger that holds the door closed is pressing too tightly to the vehicle. To release the plunger you may need to get under the vehicle with a flashlight and push the plunger back with the finger. Once the plunger is released the door will spring open and you can re-align the door so that the plunger does not bind.

Once the door is seated properly, and the door opens and closes easily, tighten the mounting screws and reinstall the screws holding the shroud. If your fuel cap is attached to the factory hinge you need to pull it free by squeezing the two pins the hold it to hinge. Then push the plastic piece into the hole provided on the Empire hinge until it snaps in.

Once completed your fuel door is ready for use. We recommend keeping one key on your ignition key chain and the other inside the vehicle to ensure you have it available when refuelling.