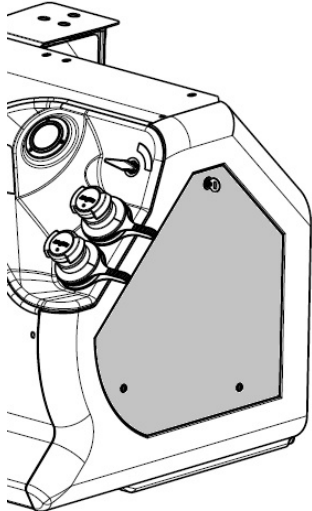
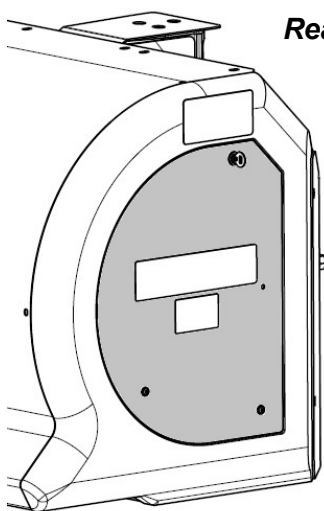
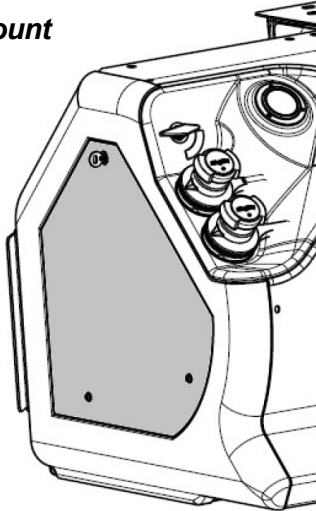
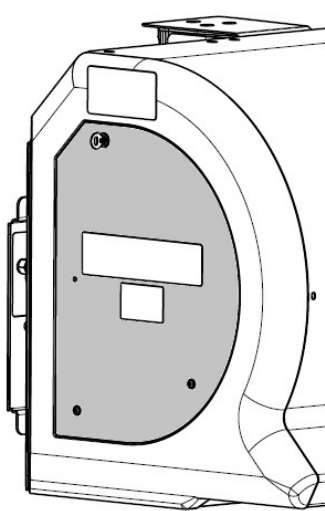


| Field Retrofit Instructions                                                                                                                                                                                                                                             | ProRail® (Gen 4) Side Mount Door Retrofit                                                                          | FRI.0001 --                                                                          |                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Affected Vehicles                                                                                                                                                                                                                                                       | Vehicles equipped with Agility® ProRail® Side Mount CNG Fuel System enclosures built from October 2016 to present. |                                                                                      |                                                                                      |
| Introduction                                                                                                                                                                                                                                                            |                                                                                                                    |                                                                                      |                                                                                      |
| Hexagon Agility® has determined certain Agility Fuel Solutions (Agility®) ProRail® Side Mount Systems are to receive a design update to the enclosure doors. This retrofit kit comprises a new latch design and adds a lanyard to retain cover to the system enclosure. |                                                                                                                    |                                                                                      |                                                                                      |
| Door Kit Identification                                                                                                                                                                                                                                                 |                                                                                                                    |                                                                                      |                                                                                      |
| Door kit(s) are sold independently depending on the location of the FMM module to the systems enclosure. Order kits as follows:                                                                                                                                         |                                                                                                                    |                                                                                      |                                                                                      |
|                                                                                                                                                                                       |                                  |  |  |
| Left door with FMM<br>23700309                                                                                                                                                                                                                                          | Left door w/o FMM<br>23700307                                                                                      | Right door with FMM<br>23700310                                                      | Right door w/o FMM<br>23700308                                                       |

*Rear view(s) of side mount shown*

Left door with FMM  
**23700309**

Left door w/o FMM  
**23700307**

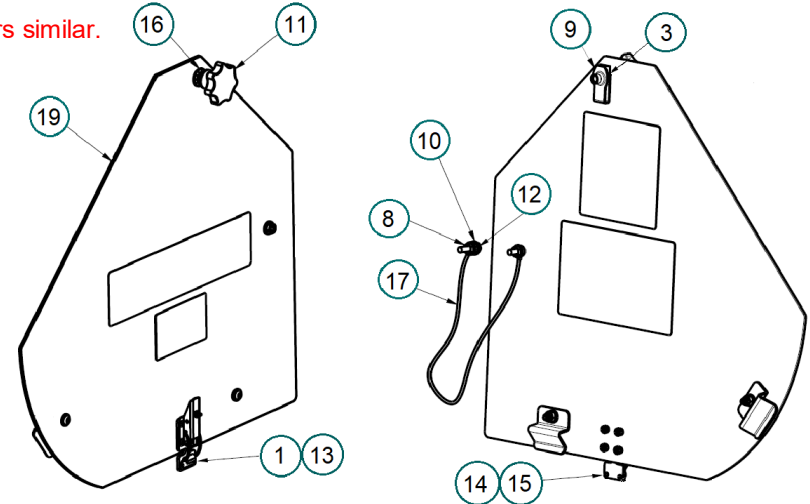
Right door with FMM  
**23700310**

Right door w/o FMM  
**23700308**

## Kit Contents

**NOTE:** Kit P/N 23700309 shown for illustrative purposes; others similar.

| Item | QTY | P/N           | Description                                   |
|------|-----|---------------|-----------------------------------------------|
| 1    | 1   | 10240740      | Safety Catch                                  |
| 2    | 1   | 10240747      | Spacer, Hole Template                         |
| 3    | 1   | 10240749      | Retaining Star Ring, 3/8" OD                  |
| 8    | 2   | 10700193      | Nylon lock nut 1/4 -20                        |
| 9    | 1   | 10700213      | Nut Clip, 3/8-16                              |
| 10   | 2   | 10700323      | Washer 1/4-20                                 |
| 11   | 1   | 10700369      | Knob, 3/8-16 x 1-3/16 in, Black Nylon Plastic |
| 12   | 1   | 10712329      | Cap Screw, Button Head 1/4-20 X 7/8-in        |
| 13   | 2   | 10760406-0625 | Socket Button Head Cap Screw, #6-32 X 5/8 in  |
| 14   | 2   | 10761028      | Flat Washer, #6                               |
| 15   | 2   | 10761422      | Top Lock Nut, #6-32                           |
| 16   | 1   | 10762108      | Wedge Lock Washer, 3/8-in                     |
| 17   | 1   | 23722305      | Tether, Cover, End, Long                      |
| 19   | 1   | Varies        | Cover, End Plate                              |



## Warning and Signal Words Used in this Document

### Symbol

### Definition

**NOTICE**

**NOTICE** is used to address practices not related to physical injury, such as best practices or tips to help an operation or procedure go smoothly and prevent equipment damage.

## Tools and Supplies Required

| Item | Description                  | Item | Description                         | Item | Description                  |
|------|------------------------------|------|-------------------------------------|------|------------------------------|
| 1    | Safety glasses               | 3    | Drill motor (90° might be required) | 5    | 5/64 and 3/16 Allen wrenches |
| 2    | Silver fine tip paint marker | 4    | Drill bits                          | 6    | Combination wrenches         |

## Removal and Preparation

1. Remove original door and discard per local regulation or organization requirements.

## Installation of Door Assembly

### NOTICE

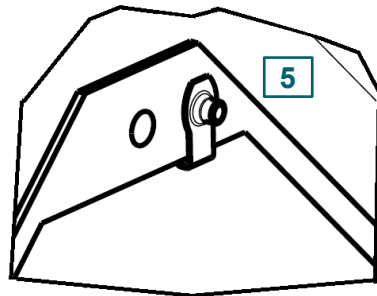
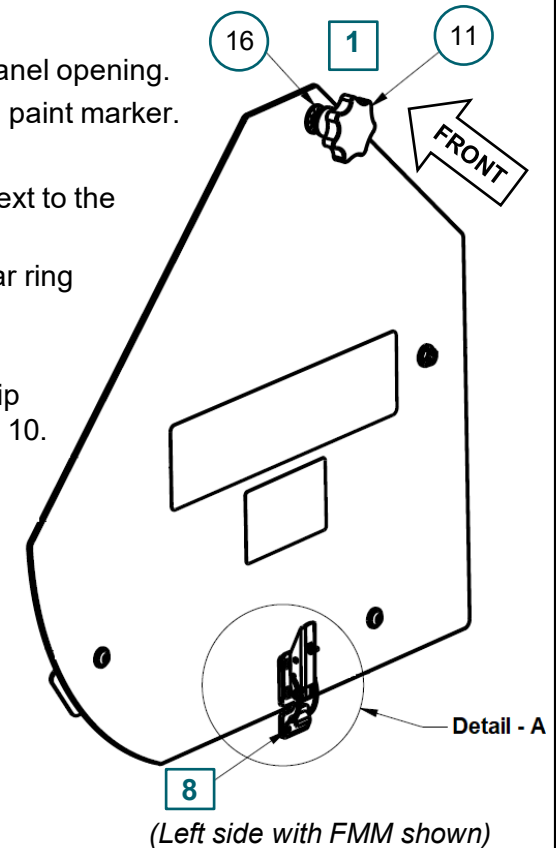
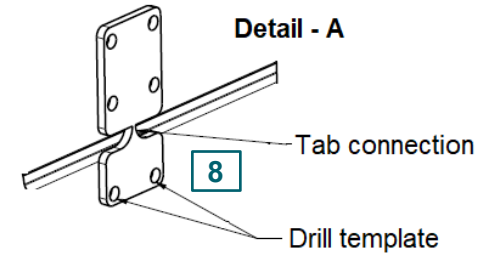
The following procedure is shown using a left side FFM door, the basic procedure is applicable to all door kits.

1. Remove (11) knob retained by (9) nut-clip, along (3) retaining star ring and (16) wedge lock washers. Set aside all parts in a safe location.

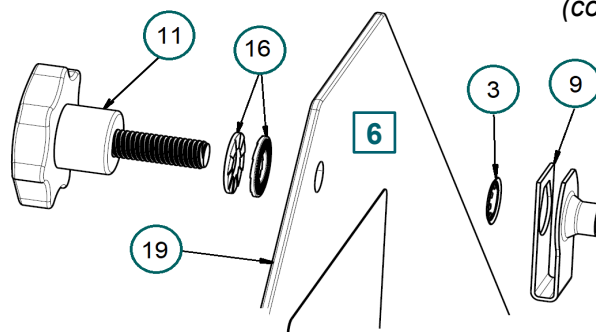
### NOTICE

Be careful not to separate the plastic latch drill template (Detail - A) from its tab connection until instructed in Step 8.

2. Set new door in position and check for proper gap (approx. 1/8-in / 3.18 mm) around the panel opening.
3. With door held in place, mark the hole position where the knob was removed with a fine tip paint marker.
4. Remove and set door aside.
5. Use a 9/16-in (0.562-in / 14.3 mm) drill bit to drill a clearance hole in the plastic structure next to the original panel clip. Install the nut-clip to the newly drilled hole.
6. Reinstall the knob with wedge lock washers in the door panel hole, then press retaining star ring onto threads to secure knob to door panel.
7. Install door assembly and fasten with knob, checking the panel gaps are consistent.
8. At bottom latch ensure drill template is parallel to door gap. Mark template holes with fine tip paint marker. Once marked snip tab connection and retain the plastic template for use at Step 10.
9. Use an 13/64-in (0.203-in / 5.16 mm) drill bit to drill 2 holes into the plastic cover.



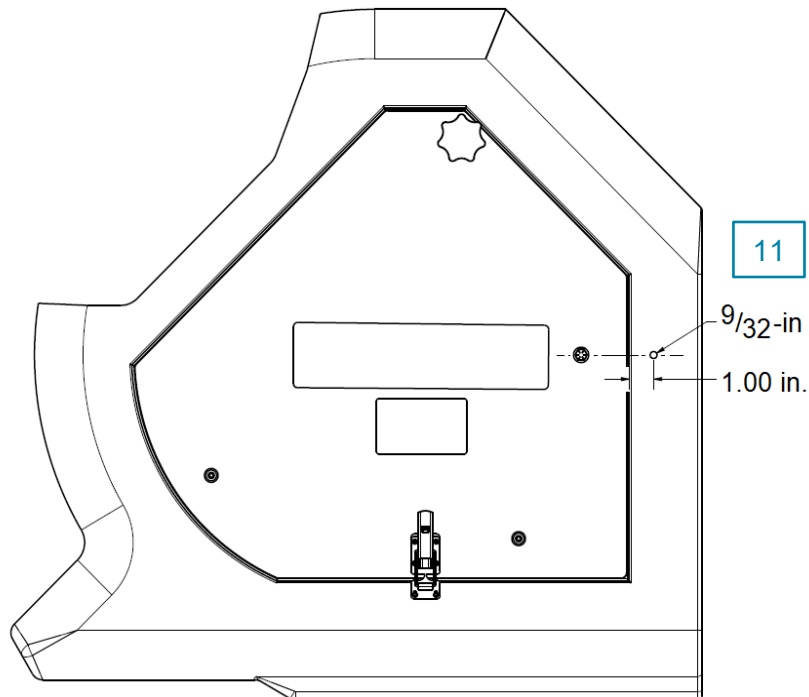
(backside of enclosure shown)



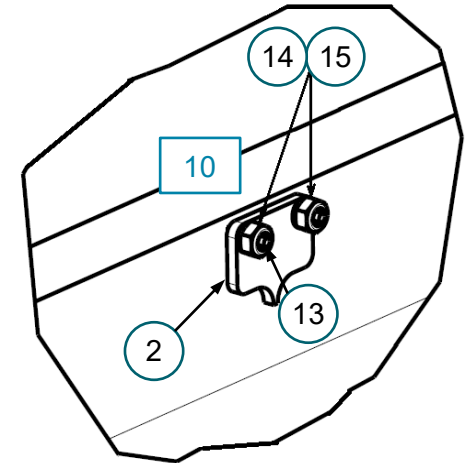
(continued)

## Installation of Door Assembly

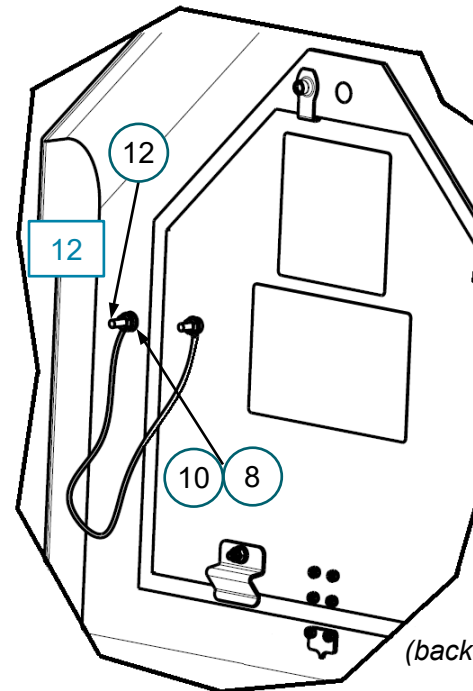
10. Using drill template (2) removed in Step 7 as backing of plastic cover. Install lower half of safety catch (*not visible*) with QTY: 2 (13) Cap screw, (14) washer, and (15) nut.
11. Replace door assembly and mark for drilling the lanyard mounting hole 9/32-in (.281-in 7.14 mm) at location shown.
12. Remove door and attach the lanyard with (12) cap screw, (10) washer, and (8) nut.
13. Replace door assembly and tighten the knob. Then hook the bottom latch assembly and fasten closed.



**NOTE:** LHS w/ FMM shown for illustrative purposes; others similar.



(backside of enclosure shown)



(backside of enclosure shown)

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**+1 855 500 2445**

(toll-free, U.S. and Canada)

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