

# JANUS<sup>®</sup> Front Mount Exterior (FME) Transponder Mounting Instructions for passenger vehicles



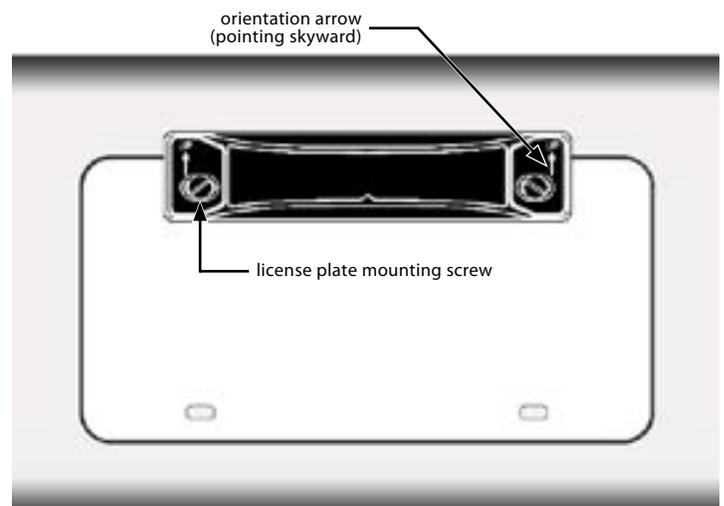
The FME transponder is recommended for passenger vehicles when the interior transponder cannot be used. The preferred mounting location is on the front license plate using the existing license plate mounting screws while the alternate mounting location is on the front bumper using 3M™ Dual Lock™ fasteners.

## Requirements

- For reliable operation of the transponder, the vehicle must be equipped with only one correctly mounted transponder while passing through a toll facility. Other transponders present in or on the vehicle must be switched off or enclosed in an RF shield.
- FME transponders must be mounted in the location for which they were programmed. FME transponders programmed for License Plate must be mounted on the front of the vehicle. FME transponders programmed for Rooftop must be mounted on the roof.
- The mounting location must provide direct line-of-sight communication between the transponder and the toll facility's overhead antenna.
- FME transponders cannot be used where local regulations prohibit externally mounting transponders on the roof of the vehicle, the front license plate, front bumper, or other external surfaces.
- The presence of certain classes of front impact-absorbing materials used in the construction of the vehicle may affect the operation of the FME transponder. The mounting location must be free of such materials.
- Apply Dual Lock fasteners in accordance with 3M document 70-0709-4029-4.

## Preferred FME Location: Front License Plate

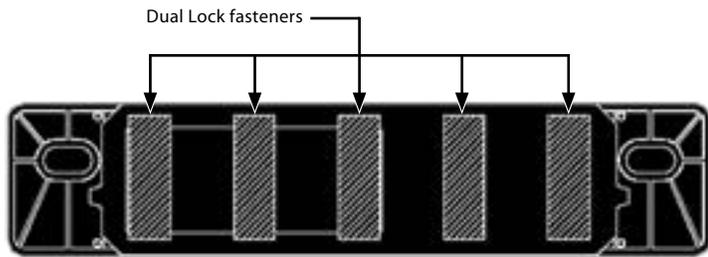
1. Remove the two upper license plate mounting screws securing the license plate to the front of the vehicle.
2. Using the license plate mounting screws removed in step 1, secure the transponder, with arrows pointing skyward, and the license plate to the front of the vehicle.



FME Mounted on License Plate

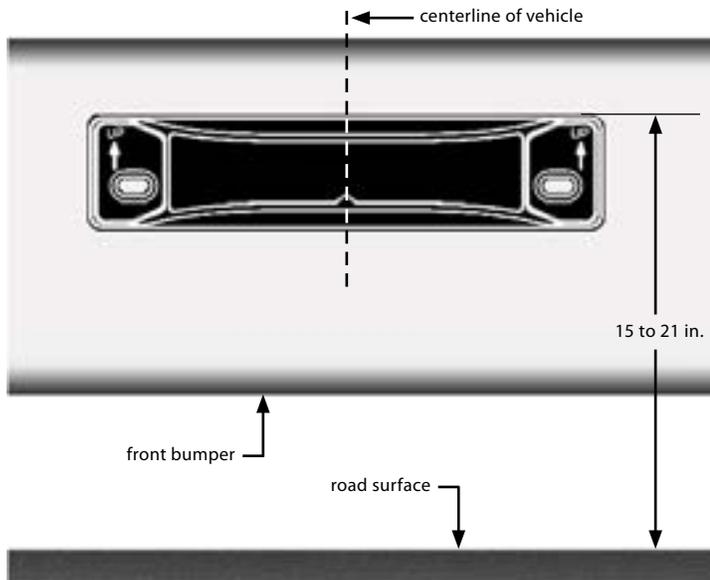
## Optional FME Location: Front Bumper

1. Apply one side of five 3M Dual Lock fasteners to the FME.
  - a. Using rubbing alcohol, clean the rear surface of the transponder to ensure the bonding surface is free of dirt and any surface contaminants.
  - b. Allow the rear surface of the transponder to dry completely.
  - c. Cut the Dual Lock fastener into five 1½ in. lengths.
  - d. Remove the protective backing from one side of the five Dual Lock fasteners and apply the fasteners equally spaced on the rear of the transponder.



FME Rear View

2. Select the transponder mounting location on the front bumper at the center of the vehicle (as measured from the right and left sides of the vehicle), 15 to 21 in. from the top of the transponder to the road surface.



FME Mounted on Bumper

3. Using rubbing alcohol, clean the mounting location on the bumper. Allow the mounting location to dry completely.
4. Remove the remaining protective backing from the five Dual Lock fasteners and press the transponder onto the mounting location on the bumper, ensuring the orientation arrows are pointing skyward. Maintain pressure for 15 seconds to ensure a good bond.
5. Remove the transponder by lifting any corner with sufficient force to separate the Dual Lock strips. Do not reuse the Dual Lock strips after removing them from the bumper. Obtain new strips as required.

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