



## Process/Assembly/Enabling Technologies

### Paint Racks with Robber Bars for Electrostatic Paint Line

*OEM/Vehicle*

**Ford Motor Company**  
**2018 Ford Fusion**

*System Supplier*

**Flex-N-Gate**



This painting process uses racks with "Robber Bars" to attract paint and reduce over-spray on the backside of the plastic part during the painting process (generating squeak issues). The bars on the backside of the racks attract the paint of the electrostatic paint line and help to prevent over-spray, reducing VOCs due to less use of paint and eliminating the need for the manual masking process. This results in a cost save of \$.24 per vehicle and can be translated to all electrostatic paint lines for plastic components.