



PRODUCT SPOTLIGHT
This bulletin contains valuable product related information.
NOVEDADES DEL PRODUCTO
Este boletín contiene información valiosa relacionada a este producto.
ACCENT PRODUIT
Ce bulletin contient de l'information utile sur les produits.



Range Shift Solenoid – Meritor Transmission

AMS Automotive is pleased to offer the O.E. transmission range shift solenoid (**part number A3280F9392**) used on all 1989-2008 Meritor 9 & 10 speed transmissions with (ESS) Engine Synchro Shift and (EOA) Engine Over Air assemblies. Two solenoids are required per transmission.

The solenoids are located on the piston housing assembly / air filter regulator at the rear of the transmission case.

Included are two mounting bolts (the existing mounting bolts are often broken or corroded and must be replaced).



Function:

Meritor's Electric Over Air (EOA) range shift system routes pressurized air past the filter regulator and into the range piston housing. When activated by the shift knob, these solenoids function like electronic valves that enable air to engage the transmission into high or low range. They are controlled by electronic switches, such as the neutral switch and shift knob.

Preselecting the high range activates the high range solenoid and deactivates the low range solenoid. Conversely, preselecting the low range activates the low range solenoid and deactivates the high range solenoid.

Selecting Neutral closes the switch and enables the shift knob to activate the preselected range shift solenoid and deactivate the other one.

For more details, please contact our technical service department at 800.528.6743.