

MERITOR WABCO

Technical Bulletin

Service Instructions for Meritor WABCO Components That Are Submerged in Contaminated Flood Water as a Result of the Recent Hurricanes

Important Information

Meritor WABCO components that are submerged in contaminated flood water as a result of the recent hurricanes may have sustained damage that includes, but is not limited to, rust and corrosion.

To help prevent possible product issues from occurring in the future, Meritor WABCO advises that you perform the following service procedures before you return a vehicle with submerged components to service. None of the following actions are warrantable.

WARNING

The U.S. Environmental Protection Agency (EPA) and the U.S. Department of Health and Human Services (HHS) are cautioning the public about the potential hazards associated with flood waters, due to elevated levels of contamination and other hazardous substances. For the complete EPA guidelines concerning flood water safety issues, visit the EPA website at www.epa.gov.

Recommended Service Procedures for Meritor WABCO Components Submerged in Contaminated Flood Water

Hazard Alert Messages

Read and observe all Warning and Caution hazard alert messages contained in the publication for the component you will service before you perform procedures to prevent serious personal injury and damage to components.

Service Publications

NOTE: All Meritor WABCO service literature is posted on our website, www.meritorwabco.com.

This bulletin does not provide the actual service or test procedures for Meritor WABCO components. For complete service information, refer to the appropriate Meritor WABCO maintenance manual:

- Pneumatic ABS (Tractor): Maintenance Manual 28, 30 or 0112
- Pneumatic ABS (Trailer): Maintenance Manual 29, 33 or 0180
- Hydraulic ABS: Maintenance Manual 39 or 0401
- Air Compressors: Maintenance Manual 31 or 0204
- Air Dryers: Maintenance Manual 34 or 35
- Air Brake Control Valves: TP-9973 or TP-9974

Inspect Components

Air Compressors

1. Do not start the vehicle before inspecting the compressor.
2. Inspect all air lines and connections for water and contaminant damage that includes, but is not limited to, rust and corrosion. Replace all damaged components.
3. Ensure that all water is removed from the air filter and compressor air inlet. If water is present in the compressor, drain the oil from the crankcase.
4. If the engine is being replaced, Meritor WABCO recommends replacing the compressor.

Air Dryers

1. Inspect all air dryer components, air lines and connections for water and contaminant damage that includes, but is not limited to, rust and corrosion. Replace all damaged components.
 - If several air dryer components need to be replaced, it may be more economical to replace the complete air dryer.
2. If excessive moisture is present, replace the air dryer cartridge.

Air Brake Control Valves

1. Inspect all valves for water and contaminant damage that includes, but is not limited to, rust and corrosion. Replace all damaged components.
2. Foot valve and quick release valves: Clean and lubricate the pins and plate.

Pneumatic and Hydraulic ABS — Wheel End Sensing Systems

1. Inspect ABS wheel end sensors, sensor spring clips and tooth wheels for water and contaminant damage that includes, but is not limited to, rust and corrosion. Replace all damaged components.
2. Inspect and clean the spring clip mounting blocks.
3. Lubricate sensors and spring clips with Meritor WABCO-approved lubricant.

Pneumatic and Hydraulic ABS — Electrical Connections

1. Inspect all electrical connections for water and contaminant damage that includes, but is not limited to, rust and corrosion. Replace all damaged components.
2. Clean and dry all electrical connections.
3. Apply dielectric grease to terminals.

Pneumatic and Hydraulic ABS — ECUs

1. Inspect all components for water and contaminant damage that includes, but is not limited to, rust and corrosion. Replace all damaged components.
2. Check the entire ABS or HABS installation with Meritor WABCO diagnostic tools. Replace any component found to be functioning incorrectly.

MERITOR WABCO

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