



## Is Your On-Board Toolbox Prepared for a Breakdown?

When a vehicle ends up on the side of the road unexpectedly, or something has to be fixed during routine inspection while traveling, there are basic items that can be kept on board to keep a vehicle running, or in the very least provide a temporary fix to get to a desired destination for repair. Usual tools such as wrenches, a socket set, and a flashlight can aid in minor mechanical break-down situations that may arise. And then there are those items specific to an application such as 7-way plug and socket testers, and gladhands that can help in repairs to air and electrical connection malfunctions. So what's in your on-board toolbox? Here are some of our suggestions:

### Toolbox

- Work Gloves
- Duct Tape
- Electrical Tape
- WD-40
- Flashlight/Light Source and Extra Batteries
- Assorted Screw Drivers
- Cable Cutters/Crimpers
- Socket Set
- Wrench Set
- Crescent Wrench
- Pry/Crowbar
- Hammer/Rubber Mallet
- Compact/Fold-up Shovel
- Plug and Socket Circuit Tester
- Multi-Meter
- Assortment of Hose Clamps (Relative in size to vehicle hoses)
- Small Assortment of Heat Shrink Wire Terminals
- Torch (with Butane in Separate Canister)
- Small Roll of 12 ga. Wire
- Extra Trailer Lights
- Mechanic's Wire

- Dielectric Grease\*
- Universal Gladhand\*
- Gladhand Rubber Seal\*
- 3/8" and 1/2" Union Composite Fittings\*
- Nylon Air Tube Cutter\*
- 3-Hose Holder\*
- Cable Ties\*
- 2-Hose Separators\*
- 7-Way Plug and Socket Brush\*
- 7-Way Plug\*
- 7-Way Socket\*
- Other Items Specific to Your Vehicle's Needs

### Phillips CSA Kit



Standard in Phillips CSA Kit\*

No matter what you may or may not keep on board, it is always good to regularly inventory tools and repair items just as you would routine maintenance on your vehicle. Tools and repair items should be assessed every 6-12 months. If any items are used or found to be in disrepair in the interim, replace them as soon as possible.

## TIPS

Have technical questions? Get the latest tips from a skilled Phillips engineer!  
Call: 888-959-0995 OR e-mail: [techtips@phillipsind.com](mailto:techtips@phillipsind.com)

- Keeping standard and application specific items in an on-board toolbox can keep you prepared for an unexpected break down on the side of the road, avoiding downtime.
- No matter what you may or may not keep on board, it is always good to regularly inventory tools and repair items just as you would routine maintenance on your vehicle.
- In addition to tools and repair product, it is also a good idea to keep a first aid kit on board.

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