

PHILLIPS

Qwik Tech Tips

Volume 3 Issue 7

July 2013

FEATURED PRODUCT

STA-DRY® S7™ System

- S7™ socket swivels 80° side to side (40° each way)
- Gladhand swivels 180° without kinking air line!
- The automatic disconnect feature eliminates damage to all components
- Mounting plate measures 11" x 21" and comes with pre-drilled trailer mounting holes



What Exactly is SAE J560?

We hear it all the time, "...meets SAE J560 standard", but do you really know what that means?

SAE J560 is the Society Of Automotive Engineers for standard J560. The standard J560 covers the dimensional and functionality requirements for 7 way couplers, also known as primary plugs & sockets, for the electrical cable that transfers signals from the tractor to the trailer. These signals include the clearance markers/ license plate light, tail lights, left and right turn lights, stop lights, auxiliary/ABS lights as well as the ground return.

The SAE J560 also covers secondary auxiliary cable dimensional and functionality requirements for added signal and power capability.

So how do you know if a product meets the requirements of SAE J560?

SAE J560 appears on the lid of the socket and the body of the plug.



Plug



Socket

So why would you want to choose a product that meets SAE J560 over a product that doesn't?

Products with SAE J560 must meet rigorous validation test requirements. All sockets and plugs that meet SAE J560 standards are interchangeable with one another. In addition to measuring plug and socket dimensional criteria that is already set in place for fit, form, and function, confirmation for dimensional tolerances with all other J560 couplers is tested as well. Wire gage capabilities for ABS & Non-ABS applications are also tested for their ability to transmit the required current for each signal from tractor to trailer. Environmental testing is also done to confirm that a product will perform as expected when exposed to the elements of the weather as well as road conditions.

Choosing a product that meets SAE J560 standard will ensure that you will be able to use any primary socket or plug universally, and that the proper and required current for each wire gage is transmitted respectively to the correct signal from tractor to trailer. This ensures that the trailer's lights and safety features associated with any SAE J560 primary or auxiliary couplers will function properly.

Have technical questions?
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- SAE J560 is the Society Of Automotive Engineers for standard J560. The standard J560 covers the dimensional and functionality requirements for 7 way couplers.
- SAE J560 products must meet rigorous validation testing requirements which include: environmental tests, dimensional test for interchangeability and wire gage capabilities for ABS and Non-ABS applications.
- "SAE J560" is required to appear on the lid of the socket and body of the plug.

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