

TECHNICAL SERVICE BULLETIN

COE HYBRID SAFETY EQUIPMENT, TOOLS AND PRACTICES

SUBJECT VEHICLES:

Hybrid COE models

CONDITION:

The following items outline the recommended safety practices, tools and accessory requirements when working on a Hybrid COE truck.

1. Placards should be displayed on a Hybrid vehicle during any service procedure that involves removing the service plug for the Hybrid system.

Note: Safety Placards – magnetic 8.5 x 11 signs should be placed on doors and cab front to ID work in progress.



2. The service plug should be removed from the truck and kept in the pocket of the servicing technician.

The recommendation for placing the service plug in your pocket speaks to the idea that someone could come along and install it when the service technician is not present at their work station. This would make the Hybrid system active without the knowledge of the servicing technician.



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3. Using safety barriers is a good practice and keeps everyone away from danger when servicing COE Hybrid trucks.



4. High voltage gloves, safety glasses and insulated shoes should be worn during all service work to provide safe working conditions.



5. High voltage gloves should be the following:

1. Leather and rubbers must be used
2. 1000 Volts AC resistance capability
3. Class "0"
4. Red Color designates proper class
5. Salisbury Gloves are the most popular



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6. The Fluke insulation testing meter is recommended and is referred to as a “Megger or Megger Meter”. They test insulation resistance capability by being able to generate up to 1000VDC and delivering a resistance value in Mega ohms.



Fluke insulation testing meter should be the following:

1. Must be able to test resistance by inducing 1000VDC.
2. Must be used with insulation gloves to prevent shock.

7. Hybrid Insulated Tool kit (No. ZTB311):

Open Top Case

- 3/8"sq. Socket ZB3-08, 10, 12
- 3/8"sq. Deep Socket ZB3L-08, 10, 12
- 3/8"sq. Ratchet Handle ZBR3
- 3/8"sq. Extension Bar ZBE3-125, 250
- 3/8"sq. T Shape Wrench ZTH3
- Flat-blade Screwdriver ZD1M-100
- Knipex needle nose pliers
- Knipex diagonal cutter
- Knipex open end wrenches, 8, 10, 12
- PDEZ-1 Phillips screwdriver
- PDEZ-2 Phillips screwdriver
- MDEZ-4 Flathead screwdriver
- MDEZ-5 Flathead screwdriver

