Prerequisites

Required Information *[*needed for final activation of hardware - see last page]*

- Name of asset* *(ex: Propane Truck #20)*
- Detailed information about the asset* *(year, make, model, VIN, license plate, etc.)*
- State, area, organization, or group the asset belongs to *(ex: North Region, MN tankers, etc.)*
- ESN of each device to be installed* *(ESN is found on the back of each unit with a barcode)*
- Current odometer reading
- Type of diagnostics connector, if possible *(6 pin, 9 pin square flange, 9 pin round threaded, J1962, Type II, etc.)*

Required Equipment

Overlay Cable

Data Adaptor

Required Tools

- Drill and assorted drill bits *(ex. to mount cradle)*
- Slotted, Philips, and/or Torx bits *(you may need tamper resistant Torx bits)*
- Panel removal tool or plastic pry bar *(to remove dash panel(s) as needed)*
- Small socket set
- Zip Ties *(to hold cabling in place)*

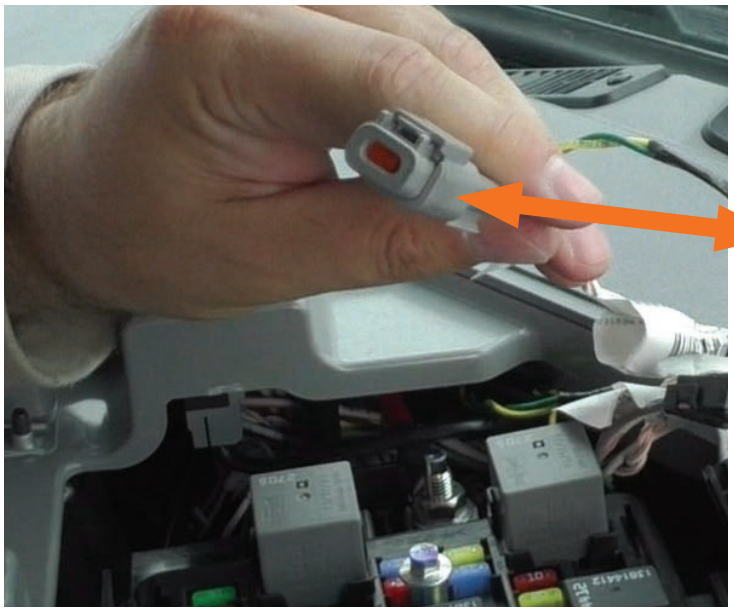
Volvo Overlay Cable

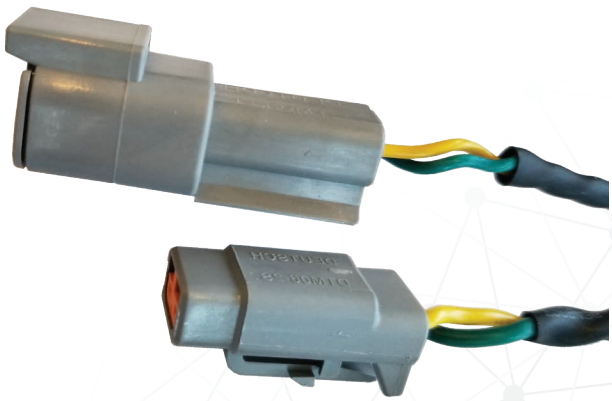
OVERLAY CABLE

For certain Volvo tractors, you may need to use the overlay cable.

STEP ONE

Find the diagnostic port inside the fuse panel and remove the termination resistor and then insert the terminal resistor into the female gray connector of the overlay cable

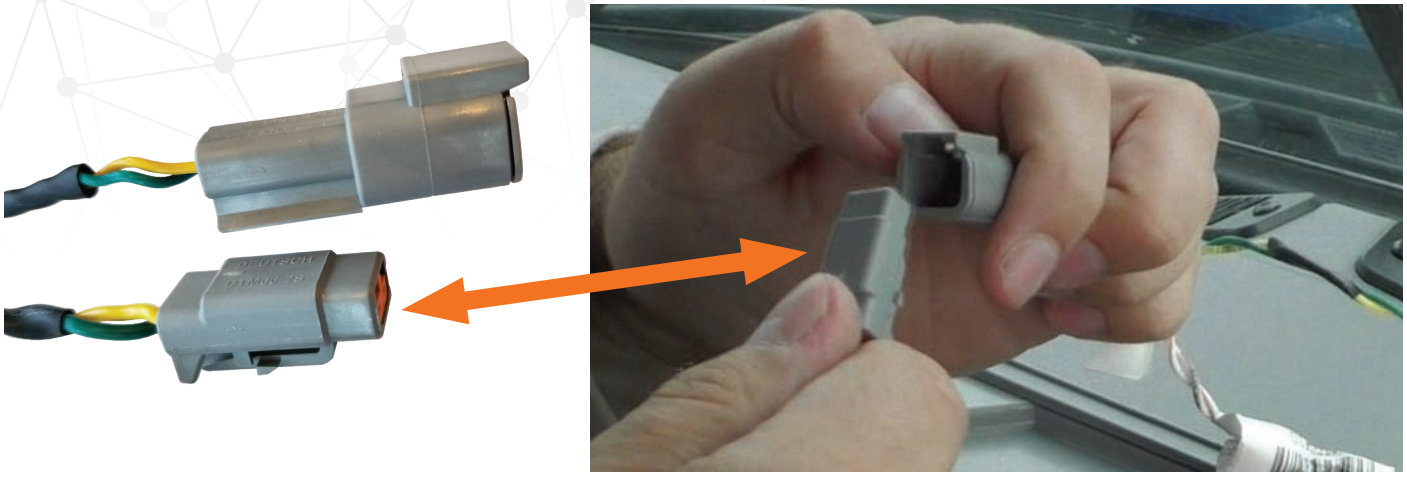




Volvo Overlay Cable

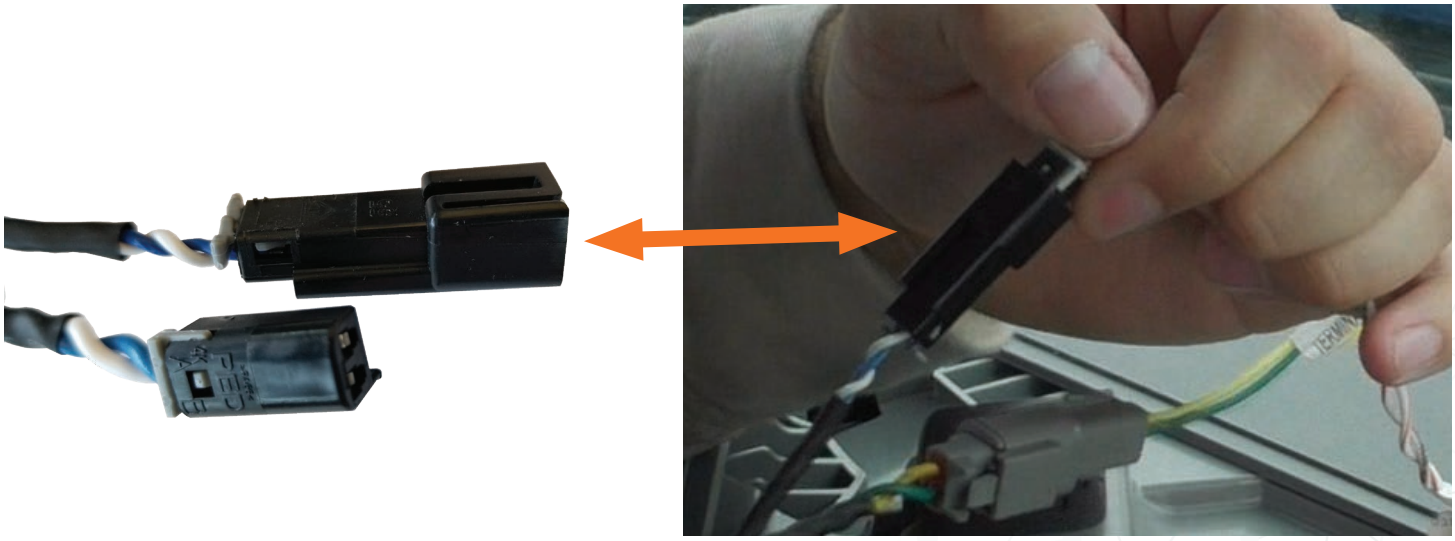
STEP TWO

Insert the male connector from the overlay cable into the now empty diagnostic connection where you previously removed the terminal resistor.



STEP THREE

Insert the male end of black connector into the female black connector of the overlay cable.

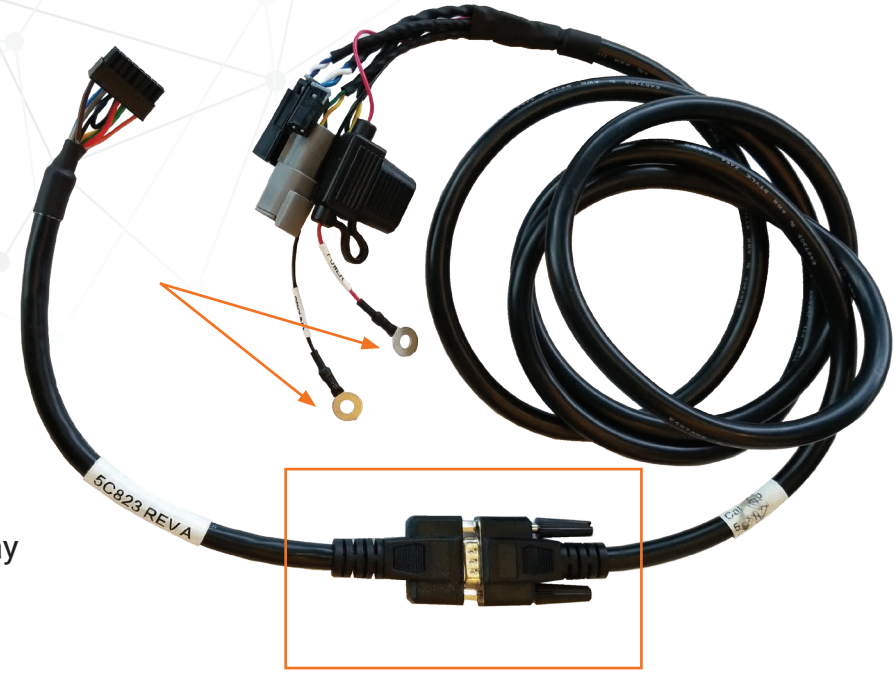


Volvo Overlay Cable

STEP FOUR

Ring terminals are not used in this installation and may be cut off

Connect Red wire to 12V constant power
Connect Black wire to ground



STEP FIVE

Connect the data cable to the overlay cable by connecting the VGA ends together. Finger tighten the screws.

STEP SIX

Connect the molex end of the adapter cable to the matching port on the back of the LMU. Secure cables with zip ties and place in the dash.