

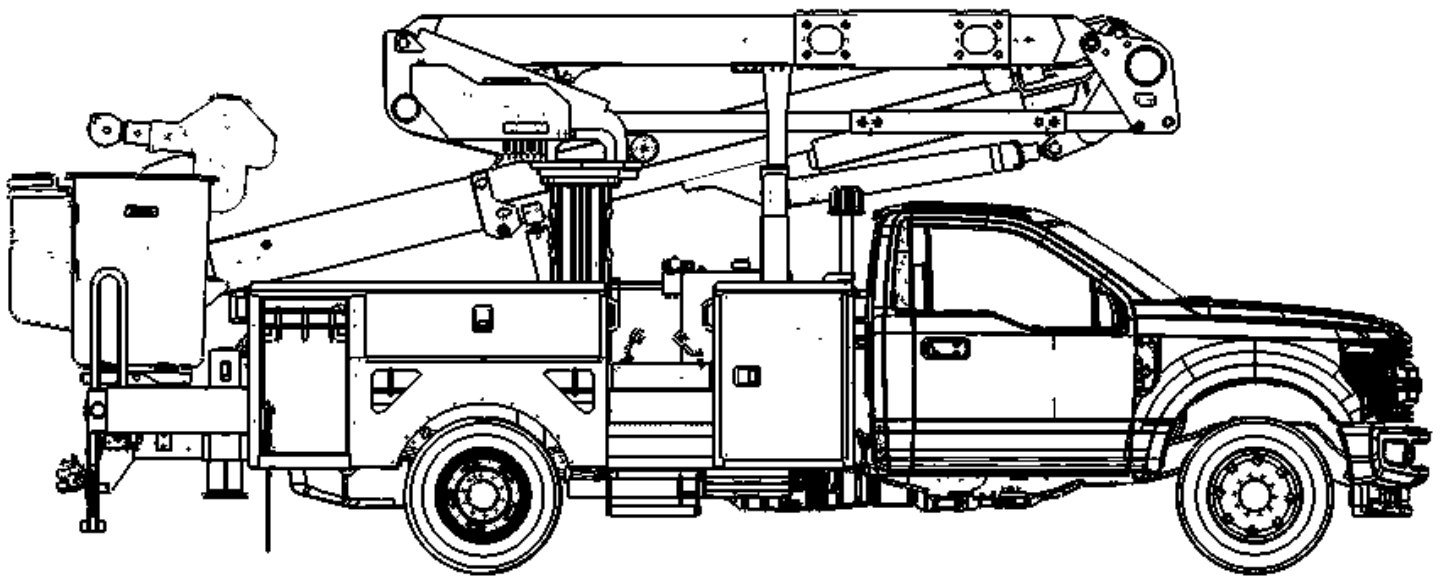


TEREX®

TECH TIPS

INSTALLING A BACKUP CAMERA

NO. 156



SERVICE CALL:
INSTALLING A BACKUP CAMERA



MODEL(S):
ALL TEREX UTILITIES EQUIPMENT



TOOLS NEEDED:
SIMPLE HAND TOOLS
DRILL
ELECTRICAL TOOLS

TEREX UTILITIES TECHNICAL SUPPORT TEAM

PHONE: 1-844-TEREX4U (1-844-837-3948) | EMAIL: UTILITIES.SERVICE@TEREX.COM



DANGER

Failure to obey the instructions and safety rules in the appropriate Operator's Manual and Service Manual for your machine will result in death or serious injury.

Many of the hazards identified in the Operator's Manual are also safety hazards when maintenance and repair procedures are performed.

DO NOT PERFORM MAINTENANCE UNLESS:

- ✓ You are trained and qualified to perform maintenance on this machine.
- ✓ You read, understand and obey:
 - manufacturer's instructions and safety rules
 - employer's safety rules and worksite regulations
 - applicable governmental regulations
- ✓ You have the appropriate tools, lifting equipment and a suitable workshop.

The information contained in this Tech Tip is a supplement to the Service Manual. Consult the appropriate Service Manual of your machine for safety rules and hazards.



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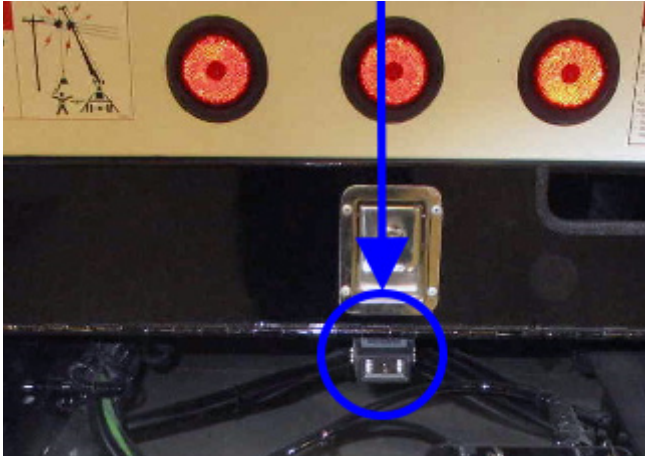
STEP 16 - STEP 17

INTRODUCTION

P/N 65378503 is a stand-alone camera that can be mounted at the back of the truck

STEP 1

Install the back-up camera in the appropriate location.



STEP 2

If this is a Dodge, Ford or CV chassis, a reverse trigger wire will need to be installed to the chassis controller. Run a 16GA wire from the backup light circuit to an open 12V input. For the larger chassis controller this will be INPUT 11-17.

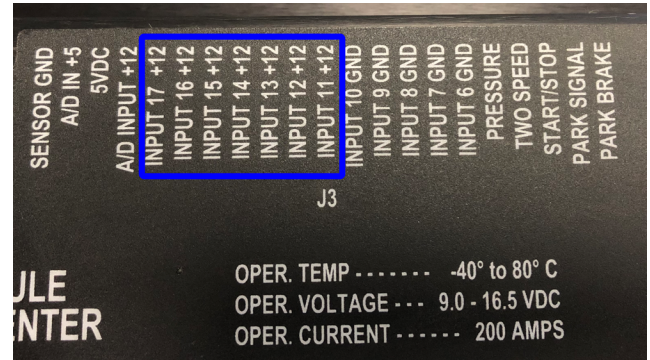


FIGURE 2 - Large Chassis Controller

On the Mini Me this will be INPUT 6 or 7.

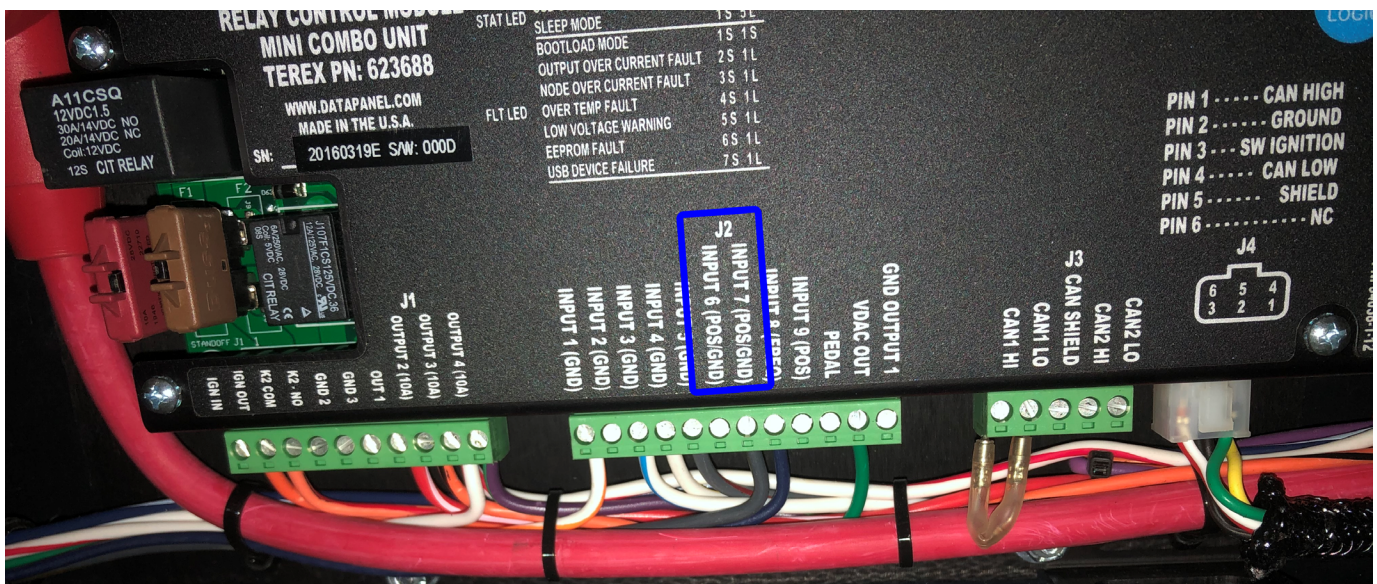


FIGURE 3 - Mini Me Chassis Controller

STEP 3

Run the camera cable through the frame of the chassis. If needed, insert the cable into a wire loom or use another means of protection for the cable.

STEP 4

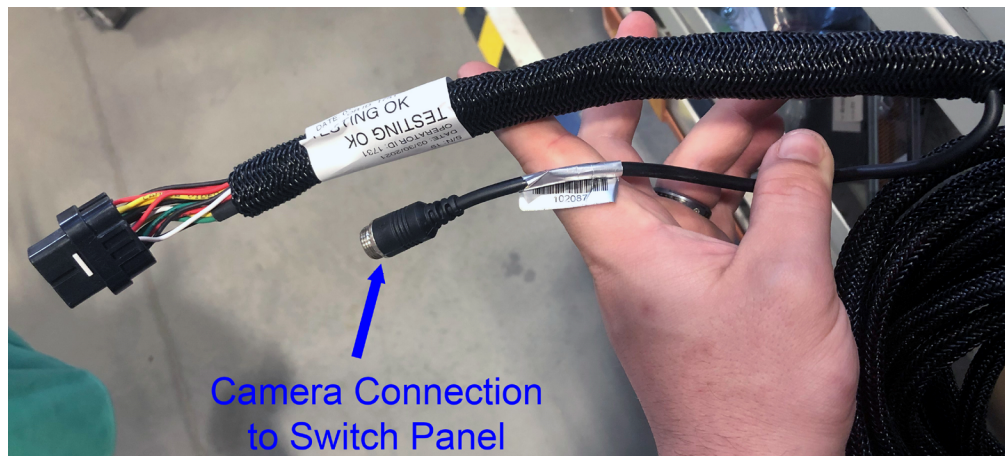
Follow the Terex Utilities wiring harness going into the cab of the truck. If there is no room in the existing strain relief, a new one can be installed. Once in the cab, locate the wiring harness for the display screen. This may require removing some of the covers in the cab.



STEP 5

Check the harness that connects to the switch panel for a pigtail that allows the video cable to be connected to the end of the pigtail. This pigtail will be located 8 inches from the switch panel connection.

If no pigtail is present, cut the end off the video cable from the camera and strip back 2" off the jacketing to expose the 4 wires. (yellow, black, red, white).



STEP 6

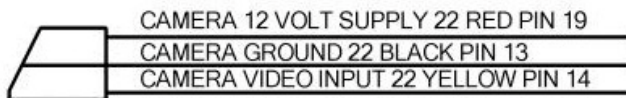
Strip the insulation on the yellow, red and black wires. Fold back the white wire.

STEP 7

Terminate the ends of the wires using pin #625035 (supplied by installer). Slide heat shrink over the 3 wires. Heat shrink should be long enough to cover the jacket and the spare white wire. Position it to hold the 3 wires together.

STEP 8

With the connector removed from the display, press the white keeper on the connector to unlock pins. Push wires into the specified pin position shown below.



STEP 9

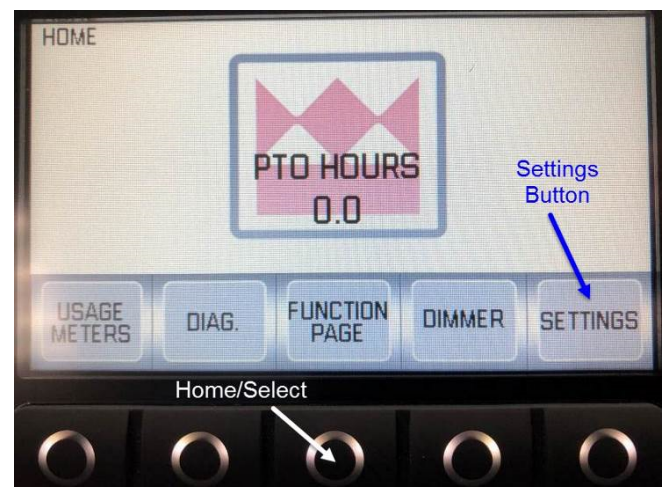
Push the keeper into the lock position. Heat shrink and neatly secure the video cable into the existing harness.

STEP 10

Contact Terex Utilities Technical Support at 1-844-Terex4U (1- 844-837-3948) or utilities.service@terex.com for assistance in unlocking the screen. See Tech-Tip 143 for more information.

STEP 11

Push the Home/Select button until Settings is visible on the right side of the screen.



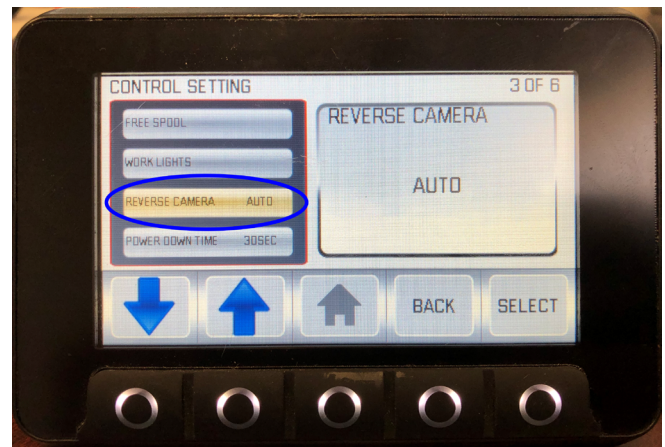
STEP 12

Go to Control settings and press Select.



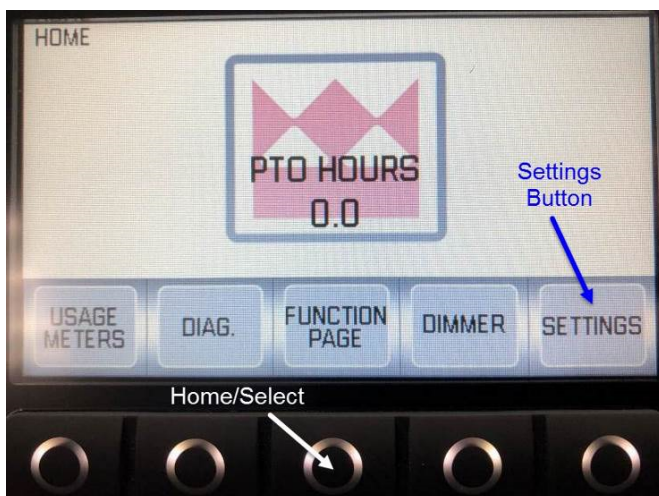
STEP 13

Scroll down to Reverse Camera and press Select. Options should come up on the right box. Scroll until AUTO is shown and press the select button. Press Home button to get out of settings.



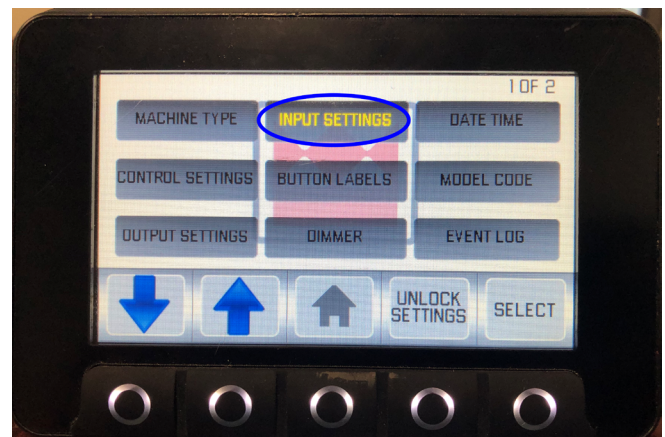
STEP 14

If this is using a trigger wire, the input setting will need to be programmed. Push the Home/Select button until Settings is visible on the right side of the screen.



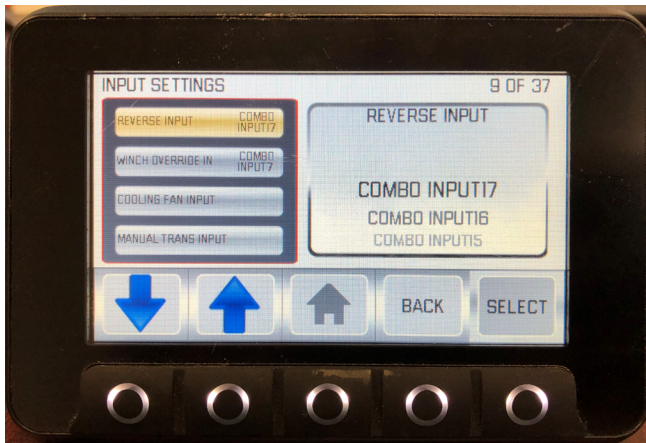
STEP 15

Scroll down until input settings is highlighted and press Select.



STEP 16

Scroll down until Reverse Input is highlighted. Press Select, then choose the input where the wire was placed. For this example, Combo Input 17 was used for the reverse input.



STEP 17

To test, start the truck and put it into reverse gear. If the camera does not turn on, check connections and terminations. You can also contact Terex Utilities Technical Support at 1-844- Terex4U (1- 844-837-3948) or utilities.service@terex.com



FOR FURTHER ASSISTANCE,
CONTACT THE TEREX UTILITIES TECHNICAL SUPPORT TEAM
PHONE: **1-844-TEREX4U (1-844-837-3948)** | EMAIL: [**UTILITIES.SERVICE@TEREX.COM**](mailto:UTILITIES.SERVICE@TEREX.COM)
