

This harness connects a TKV 20 to Compact Tractors.



Kit Includes

Harness Assembly

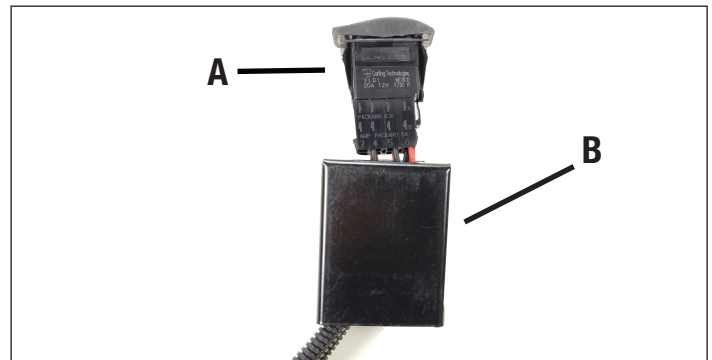
	Description	Part No.	Qty.
A	Quick Disconnect Terminal	ST50854	2
B	Ring terminal Harness	ST50852	1
C	Inline Fuse Ring Terminal Harness	ST50851	1
D	Extension Harness 8 ft	ST50853	1
E	Actuator Extension Harness	ST48298	1
F	Mounting Bracket	ST48276	1
G	Switch Harness	ST48299	1
	Screw	ST65182	2
	Cable Ties	N/A	10

Installation Instructions

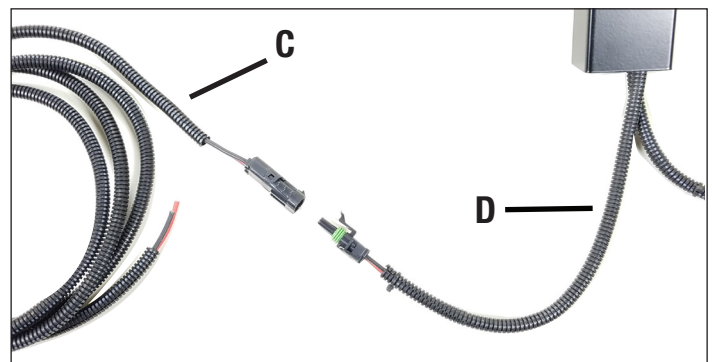
NOTE: BE SURE THAT YOUR TRACTOR IS IN PARK AND THAT YOU'VE GIVEN THE ENGINE SUFFICIENT TIME TO COOL, IF PREVIOUSLY IN USE. DISCONNECT THE BATTERY.

Wiring Instructions

1. Park the tractor. Removing the mower deck may aid with the wire harness installation.
2. Wait for tractor to cool before working around the engine.
3. Choose a location to mount the control switch within reach of the operator's station. The selected location must be within 8ft of the battery and 44in of the TKV20 electric actuator.
4. Secure the switch mounting bracket using the two provided screws or suitable hardware. Switch can also be mounted into a switch blank location if available on the vehicle.
5. Insert the switch (A) into the switch bracket (B).

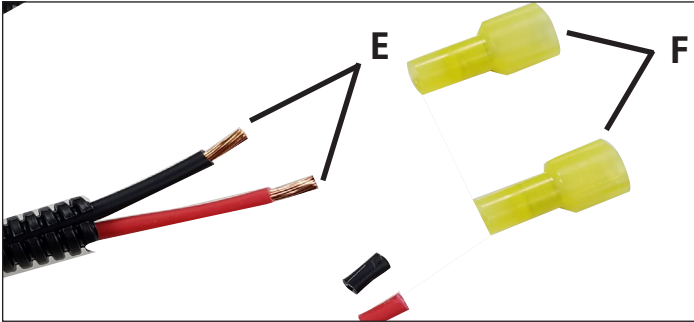


6. Plug the 8ft wire harness (C) into the longer pigtail (D) of the switch harness.

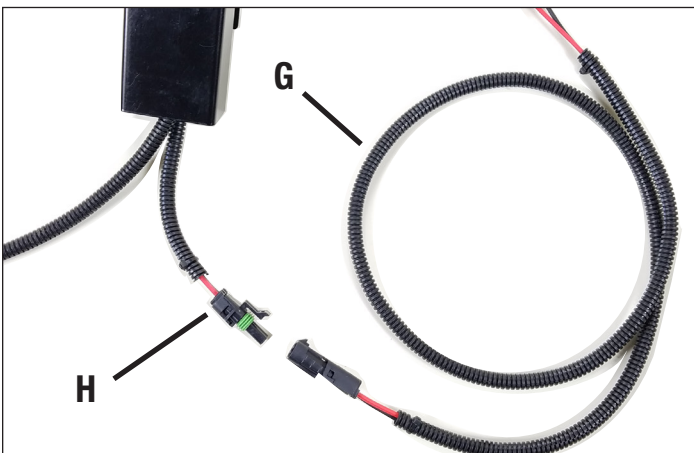


7. Route the 8ft wire harness to the battery. Be sure to secure the harness clear of exhaust, fans, and pinch points. It is recommended to follow other wire harnesses along the route to the battery.

8. Install the ring terminal onto the battery by removing the battery terminal nut. Slide the ring terminal over the bolt and reinstall the nut. Make sure that the positive (+) battery terminal is attached to the red wire and the negative (-) battery terminal is attached to the black wire.
9. Cut any excess wire from the 8 ft wire harness. Make sure there is enough wire to reach the battery before cutting off the excess wire. Trim the corrugated wire loom as needed.
10. Use a wire stripper to expose 1/4in of copper wire (E) on the end of the black and red wire.



11. Install the male Quick Disconnect terminals (F) onto the bare copper and crimp.
12. Plug the Quick Disconnect terminals on the extension harness into the quick disconnect terminals on the ring terminal harness. Ensure that the red wires are connected to each other and the black wires are connected to each other.
13. Plug in the actuator extension harness (G) into the short pigtail (H) of the switch harness and into the connector on the TKV20 electric actuator. Secure the harness to prevent it from damage during operation.



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 Form # TKMI-012A-03/26

Warranty

TerraKing products are guaranteed to be free from defects in material and/or workmanship and to perform as advertised when properly assembled, installed, used, and maintained in accordance with written instructions. Failure to adhere to this will void the warranty. TerraKing will not be responsible for labor, loss, or consequential damage of any kind or character caused by defective parts, or for charges incurred in the replacement or repair of defective parts. TerraKing reserves the right to request photos or return of damaged/defective parts. To submit a claim, please have your original purchase date and a copy of your receipt (if available).

Warranty Period

The TerraKing Wiring Harness Kit is warranted for a period of 1 (one) year after the purchase date for residential use, and 6 (six) months after the purchase date for commercial use. This product is warranted by TerraKing to the original purchaser/customer against defects in material and workmanship under normal operating conditions.