FIELD KIT

Vermeer Corporation

Environmental
Pella, Iowa 50219 USA

FIELD CAMPAIGN KIT #:	IK004837	DATE:	2026 July 24
For Dealer Reference: Service Bulletin #: SVC2026-072			

Unintended Hydraulic Jack Extension Kit

CAMPAIGN TYPE:	Mandatory – Product Safety DEALER INSTALLATION ONLY
CAMPAIGN CATEGORY:	Kit and Bulletin

MACHINE/ ATTACHMENT MODEL(S):	SERIAL NUMBERS:		
	Included	Excluded	Kit version
BC1800XL	See attached listing on pages 9 - 13 of this Kit for specific VINs	53270, 54002, 54003, 54011, 54012	IK01

PRODUCT SAFETY ALERT

Purpose: Vermeer has decided that a defect that relates to motor vehicle safety exists in certain model year 2003 – 2026 Vermeer BC1800XL brush chippers.

UNINTENDED HYDRAULIC JACK EXTENSION

A failure can occur resulting in the extension of the hydraulic jack without input from the operator.

DEATH OR SERIOUS INJURY POSSIBLE

When towing the brush chipper on public roadways, **death or serious injury** is possible if the hydraulic jack contacts the ground and causes loss of vehicle control, which may increase the risk of a crash, or if the hydraulic jack becomes separated and strikes another vehicle or pedestrian. Property damage is also possible.

Solution: **IMMEDIATE MACHINE MODIFICATIONS REQUIRED**

IK004837 has been created to provide the necessary parts and instructions to prevent the unintended lowering of the hydraulic jack. **This kit must be installed as soon as possible.**

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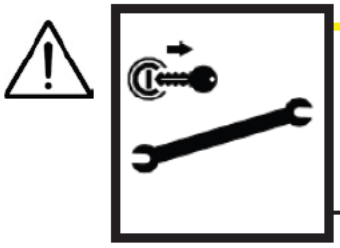
Special Tools and Conditions:

- None



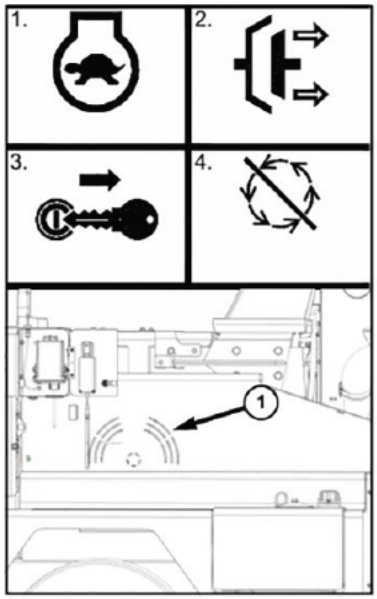
WARNING: Failure to use shutdown procedure can result in unexpected hazard(s). Death or serious injury could result due to entanglement, crushing, cutting, or other hazardous contact. Follow shutdown procedure after operating, before performing any service or maintenance, and before transporting.

Shutdown Procedure:

Stopping the Machine

NOTICE: For your safety and the safety of others, use shutdown procedure before working on machine for any reason, including servicing, cleaning, unclogging, inspecting, or transporting chipper.

A variation of this procedure may be used if instructed within this manual, or if an emergency requires it.



1. Return upper feed control bar to stop position.
2. Set throttle to low idle using button on control panel.
3. Whenever practical and consistent with good safety practice, idle engine without load for three to five minutes before shutting it off.
4. Wait for cutter drum to slow.
5. Move clutch lever to disengaged position.
6. If so equipped, shut off remote control if in use.
7. Wait for cutter drum and belt to stop.

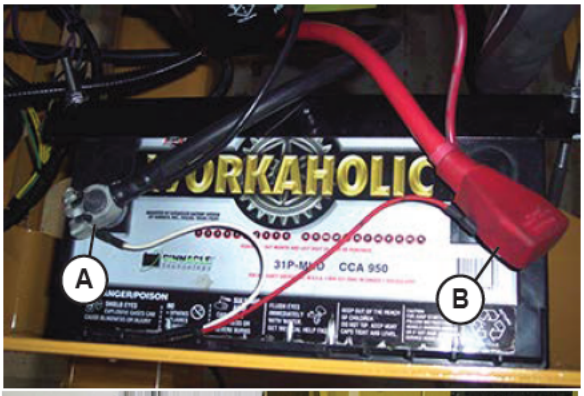
NOTICE: Cutter drum rotation can be checked by looking at the end of shaft **(1)** on left side of cutter drum housing. Cuter drum will continue to turn for a short time after engine has stopped.

8. Close and latch feed table or leave open if needed for removing plugs or for performing maintenance or service.

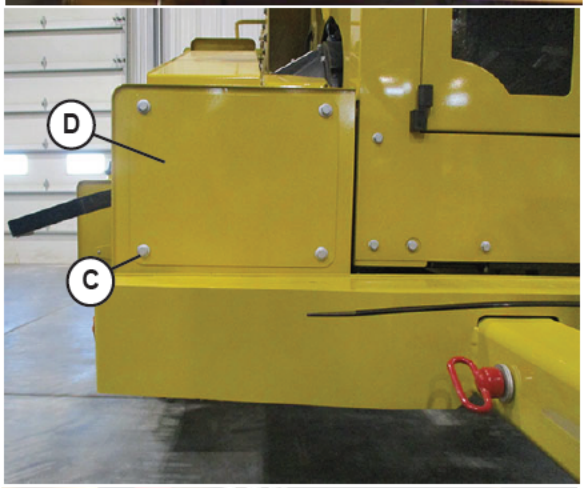
⇨ Unless indicated, new parts from kit have callouts with numbers. Callouts with letters indicate existing parts or general items.

Procedure 1: Pole Relay Removal and Replacement

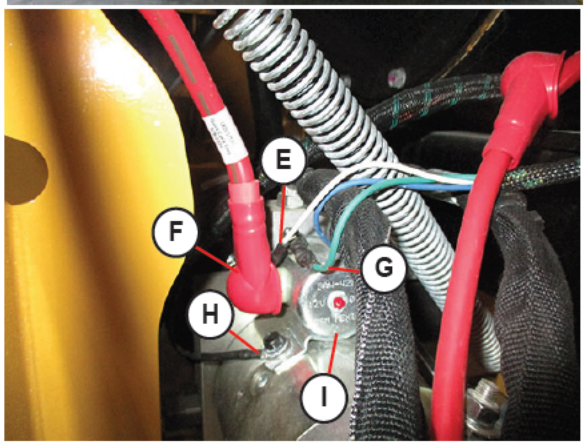
1. Follow shutdown procedure on page 2.
2. Open engine door and remove negative (-) cable **(A)** and positive (+) cable **(B)** from battery.



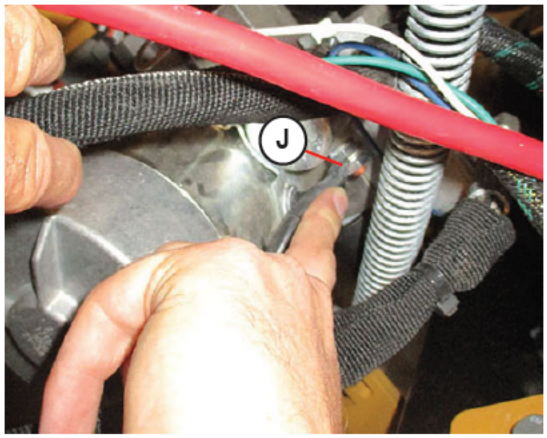
3. Remove and retain four screws **(C)** that attach front clutch shield **(D)** on mainframe.
4. Retain front clutch shield **(D)**.



5. Disconnect wire 790-WH **(E)**, cable RD-2 **(F)**, wire 792 - DG **(G)**, and wire 365-BK **(H)** from 3-pole relay **(I).**

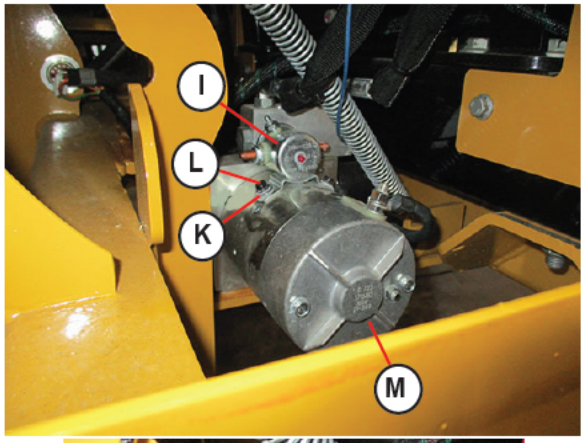


6. Remove black pump ground cable **(J)** from 3-pole relay **(I)**.

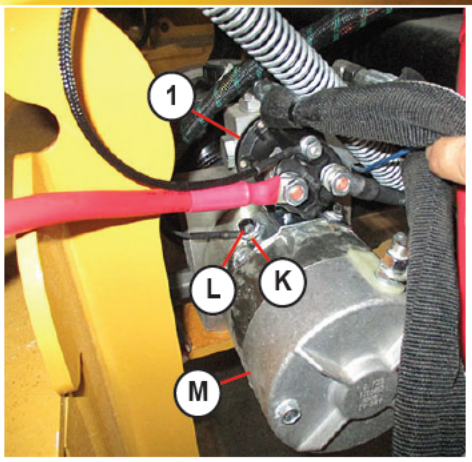


7. Remove and retain two washers **(K)** and two screws **(L)** that attach 3-pole relay **(I)** on hydraulic pump **(M).**

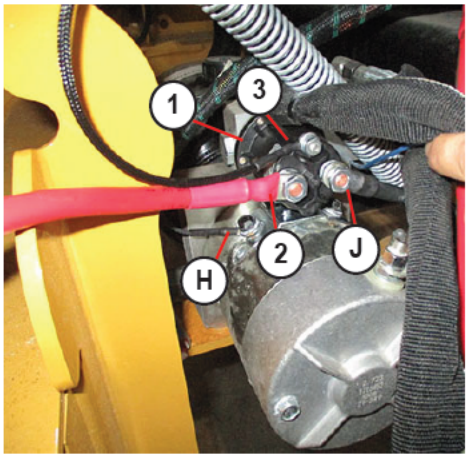
8. Discard 3-pole relay **(I).**



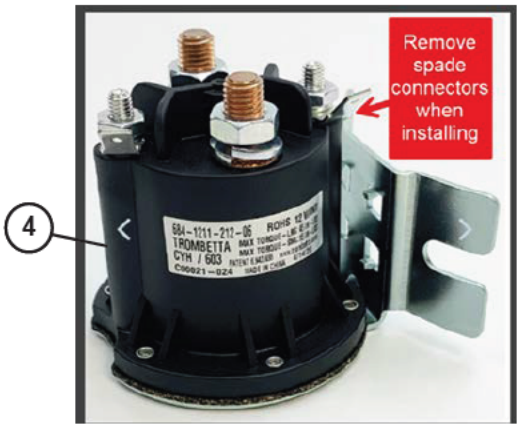
9. Install new 3-pole relay power **(1)** on hydraulic pump **(M)** using two retained washers **(K)** and two screws **(L)**.



10. Install new secondary relay power cable **(2)** on 190-2, new secondary relay signal harness **(3)**, wire 365-BK **(H),** and black pump power cable **(J)** on 3-pole relay **(1)**.



11. Remove and discard two spade connectors from new 4-pole relay **(4)**.

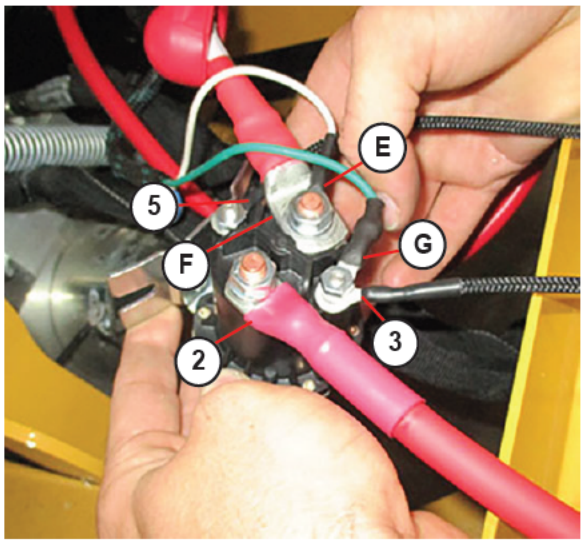


12. Install other end of secondary relay power cable **(2)** to terminal 195-3 on 4-pole relay **(4)**. Torque to 45 in-lb.

13. Install cable RD-2 **(F)** and wire 790-WH **(E)** to terminal 195-2 on 4-pole relay **(4)**. Torque to 45 in-lb.

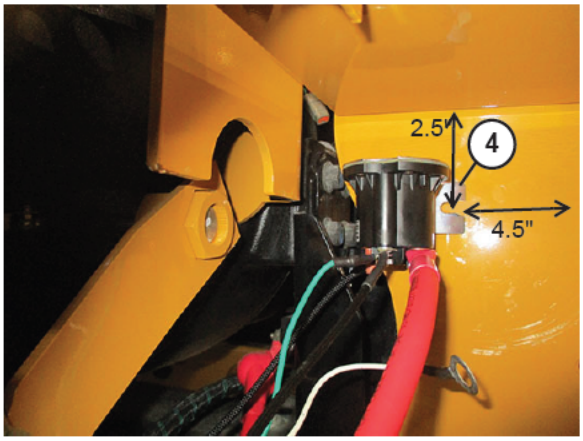
14. Install other end of new secondary relay signal cable **(3)** and 792-DG **(G)** on terminal 190-1 on small stud of 4-pole relay **(4)**. Torque to 15 in-lb.

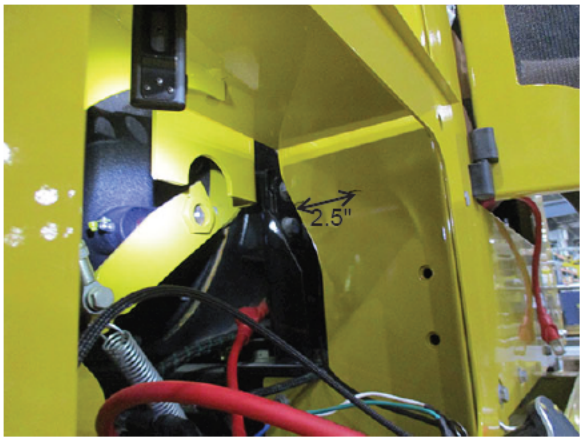
15. Install small lug of secondary relay ground cable **(5)** to terminal 195-4. Torque to 15 in-lb.



16. Using the 4-pole relay **(4)** bracket as a template, mark mounting hole locations on engine enclosure panel. Position relay so both power cables can reach their respective terminals before marking and drilling holes.

- Closest hole is 2.5 in from panel above.
- 4.5 in from panel closest to you.
- 2.5 in between both holes.

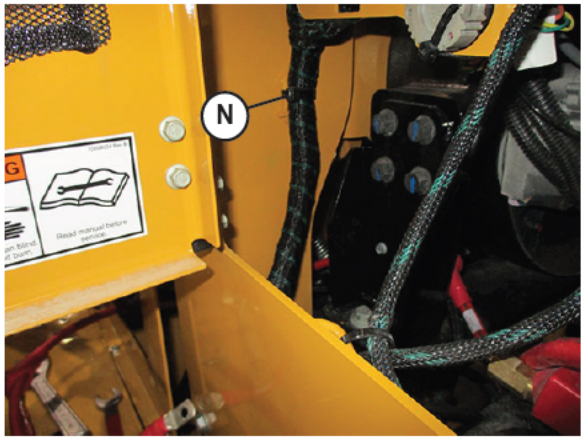




17. Before drilling holes remove zip tie **(N)** that secures main harness on opposite side of panel in engine enclosure.

18. Move main harness out of way before drilling.

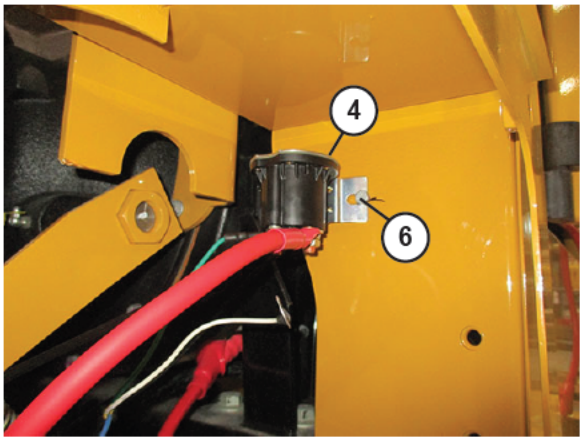
19. Verify nothing else is behind the mounting location that could be damaged in the drilling process.

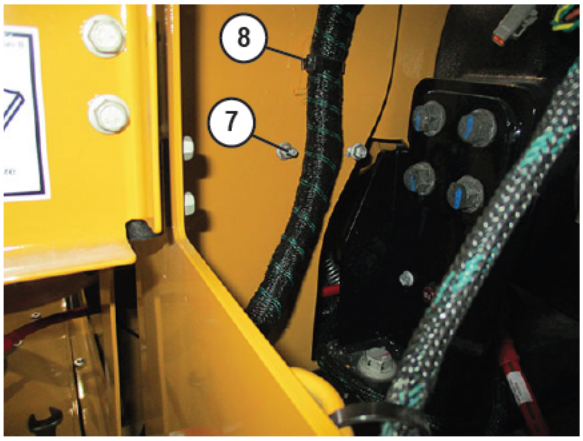


20. Drill two 2X M6 screw holes.

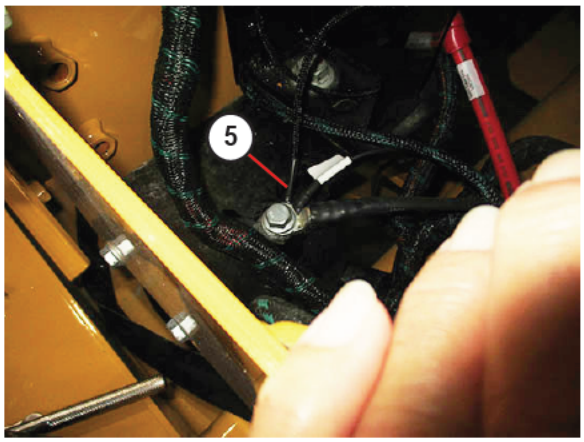
21. Install 4-pole relay **(4)** on engine enclosure panel using two new screws **(6)** and two new nuts **(7)**.

22. Secure main harness back on panel in engine enclosure using a new cable tie **(8)**.



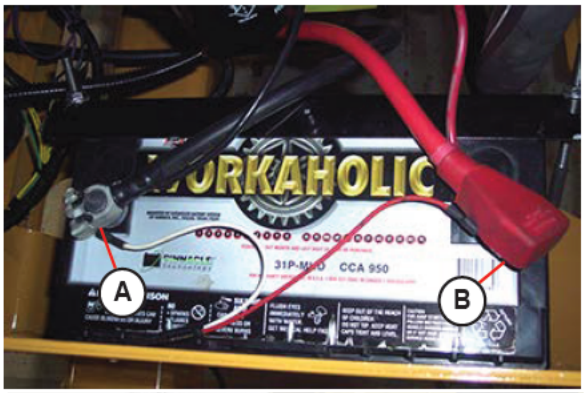


23. Install large lug end of secondary relay ground cable **(5)** to chassis ground P127 on floor of engine compartment. Torque to 45 in-lb.



24. Install positive (+) cable **(B)** with red cover and negative (-) cable **(A)** on battery

25. Close engine door.



26. Install retained clutch shield **(D)** on mainframe using four screws **(C)**.

27. Follow procedure in Operator's Manual to verify proper jack operation.

28. Remove Figure 1 and attach to the invoice or place in the manual storage box so unit owner can place with existing Parts Manual.

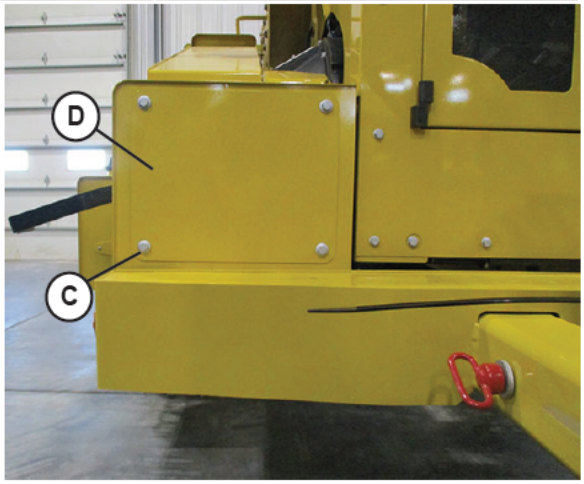
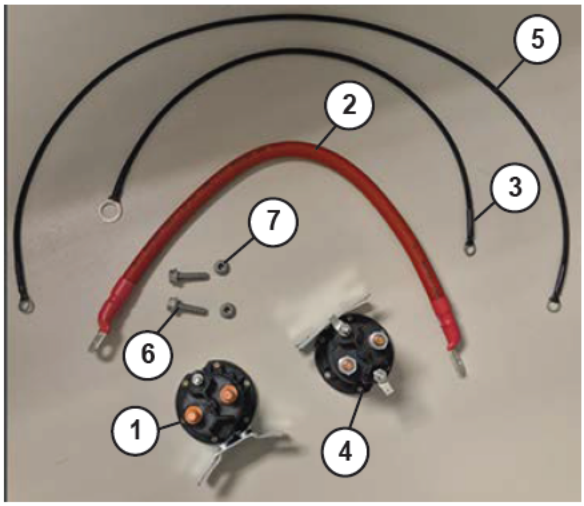


Figure 1

UNIT OWNER COPY
Insert into Parts Manual
for future reference.



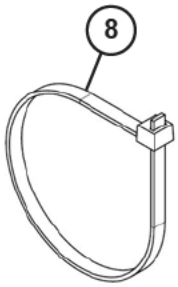


Figure 1 Parts List			
REF. NO.	PART NO.	DESCRIPTION	IK01 QTY.
1	163866037	3-POLE RELAY	1
2	163822943	CABLE-SECONDARY RELAY POWER	1
3	163822942	HARNESS-SECONDARY RELAY SIGNAL	1
4	163866039	4-POLE RELAY	1
5	163822943	CABLE-SECONDARY RELAY POWER	1
6	507610016	SCREW,HFS,M6-1.00,16,10.9,DIN,FT	2
7	507085006	NUT-HEXFLGTL-M6-1.00-10	2
8	59634001	CABLE TIE,2.29IN,BLACK	2
		Kit includes all items in Figure 1 parts list.	