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## Special Instruction

### Battery Cable Reroute{7000}

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i05781645

## Battery Cable Reroute{7000}

SMCS - 7000

### On Highway Truck:

CT660 (S/N: TEJ1-UP; TEM1-UP; TEP1-UP)

CT681 (S/N: TWJ1-UP)

## Introduction

Due to battery cable routing, there is a chance that battery cable near starter may rub on bracket bolt that holds it in place.

## Parts Required

Table 1

Part Number	Description	Quantity
Obtain Locally	Strap, Cable, Lock	4
379-1143	Clamp, Saddle	2

## Work Instructions



**Before service work is begun, park the machine on a hard level surface. Block the wheels of the machine so unexpected movement will not occur. Unexpected movement of the machine can cause personal injury or death.**



**To prevent injury or death, never work under a machine while a test is being performed.**



**Prevent sparks near the batteries. Sparks could cause vapors to explode. Do not allow jumper cable ends to contact each other or the engine.**



**To avoid personal injury from electrical shock, ensure that the negative battery cable is disconnected first.**

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1. Bring vehicle into shop and park on flat surface.
  2. Shift transmission to Park or Neutral, set parking brake, turn wheels all the way to the right, and install wheel chocks.
  3. Unlatch and raise hood.
  4. Remove four bolts, washers, and right-side splash guard from vehicle for access to Low Pressure Charge Air Cooler (LPCAC).

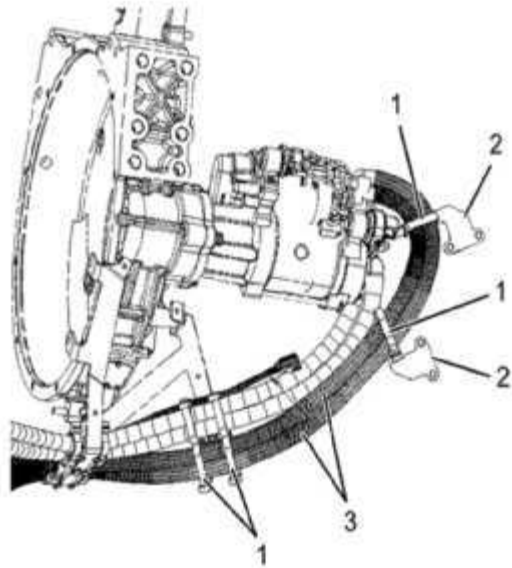


Illustration 1

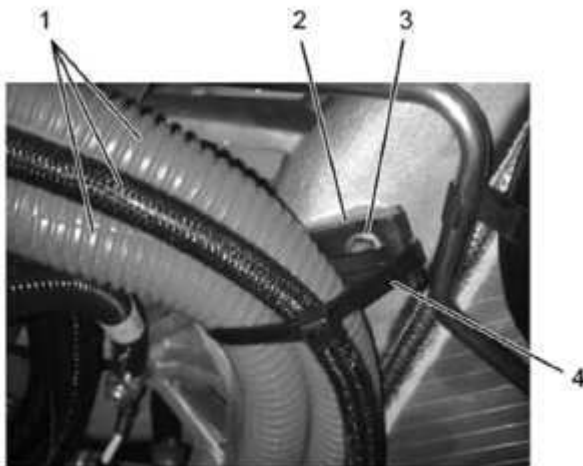
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(1) Cable tie (4)

(2) Bracket (2) and bolt (4)

(3) Battery cable (3) (one not shown)

5. Cut and remove four cable ties (Figure 1, Item 1) from three battery cables (Figure 1, Item 3). Discard cable ties.
6. Remove four bolts and two brackets (Figure 1, Item 2) from vehicle. Discard brackets.



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Illustration 2

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Saddle Clamps

- (1) Battery cable (3)
- (2) Saddle clamp (2) (one not shown)
- (3) Bolt (4) (three not shown)
- (4) Cable tie (three not shown)

**Note:** Saddle clamps are installed in same location as removed brackets.

7. Install two new saddle clamps (Figure 2, Item 2) on vehicle with four bolts (Figure 2, Item 3) removed from two brackets.
8. Route three battery cables (Figure 2, Item 1) so that they are not contacting any bolt heads or forming any other potential rub points.
9. Install four cable ties (Figure 2, Item 4) through two saddle clamps (Figure 2, Item 2) and around three battery cables (Figure 2, Item 1).
10. Verify battery cables (Figure 2, Item 1) are not rubbing against saddle mount bolts (Figure 2, Item 3).
11. Install right-side splash guard on vehicle with four washers and bolts.
12. Lower and latch hood.
13. Remove wheel chocks.