



Ignition Cylinder Replacement - Cummins Engine

Description:

Some Mack trucks need to have the ignition cylinder replaced to prevent the ignition switch from sticking in the crank position. Damage to the starter motor can result on Mack trucks equipped with Cummins engines.

Corrective Action:

Replace the ignition cylinder. A new ignition switch is not required. The ignition cylinder must be ordered with the truck's keycode.

UCHP SCC CODE: S7448

EXPIRATION DATE: 1/31/2021

CAUSAL PART NUMBER: 23143165

UCHP Labor Code:

1720-16-09-01 Campaign, General – 0.4

PARTS MARKUP: 30%

PARTS LIST:

PN – Description – QTY

23636508 – LOCK CYLINDER, IGNITION – 1

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Ordering Ignition Cylinders

1. Locate the code on the key.

Note: Some instances of Impact having missing or incorrect keycodes have been found. To ensure the correct keycode is ordered, it must be obtained directly from the key.



2. Send the following information to the Campaign orderdesk campaign@macktrucks.com:

Subject: Ignition cylinder Campaign

Dealer code

Part Number: 23636508

QTY

PO (if required)

VINs and Keycodes

Ignition cylinder Campaign - ...

File Message Insert Options Format Text Review Developer Acrobat Tell me...

Paste Basic Text Names Include Protect Tags View Templates My Templ...

To...

Cc...

Subject

Send

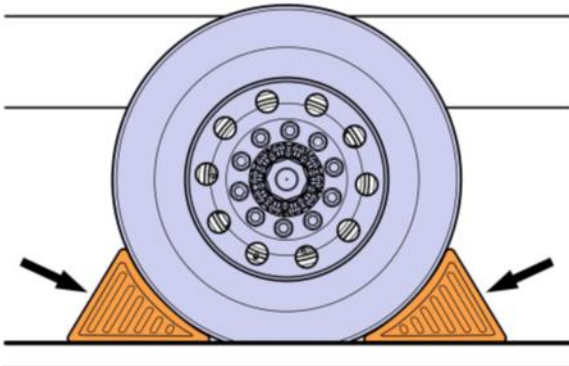
Dealer code: D1234
Part Number: 23636508
QTY: 3
PO: ORDER123456
VINs and Keycodes:
1M1AN4YZ1MM123456 - MM123
1M1AN4YZ1MM123457 - MM124
1M1AN4YZ1MM123458 - MM125

Decommissioning the Truck for Repair

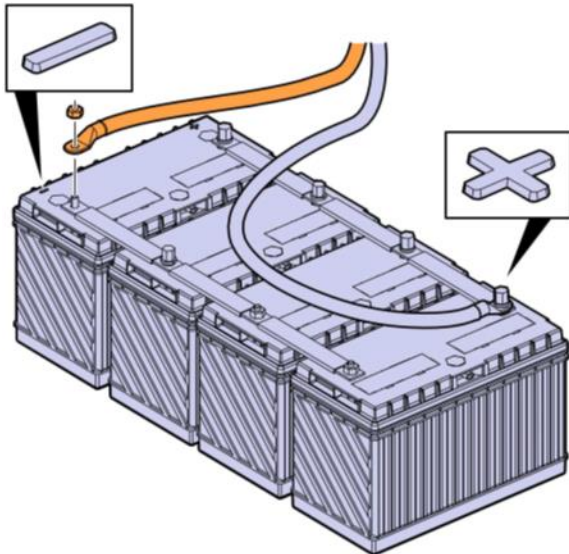
You must read and understand the precautions and guidelines in Service Information, group 30, "General Safety Practices, Electrical" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

NOTE: Information is subject to change without notice. Illustrations are used for reference only and can differ slightly from the actual vehicle being serviced. However, key components addressed in this information are represented as accurately as possible.

4. Park the vehicle on a flat and level surface.
5. Apply the parking brake.
6. Place the transmission in neutral or park.
7. Install the wheel chocks.

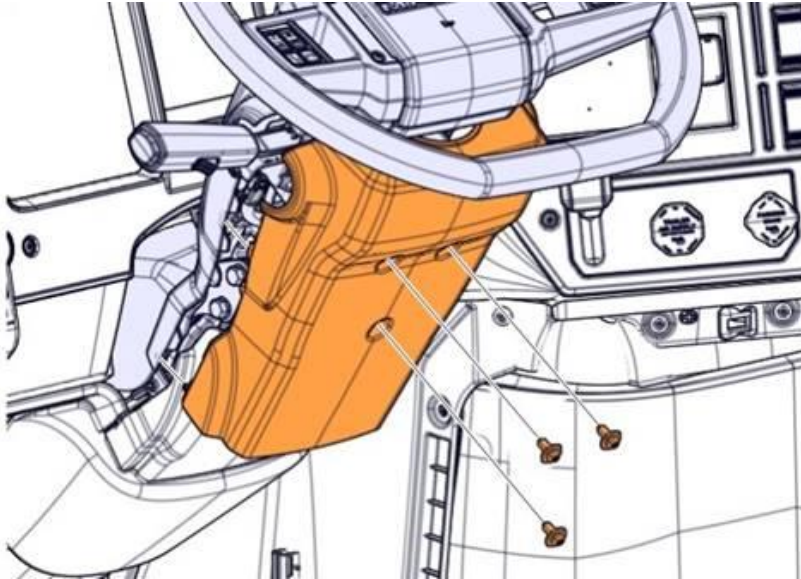


8. Disconnect the battery.

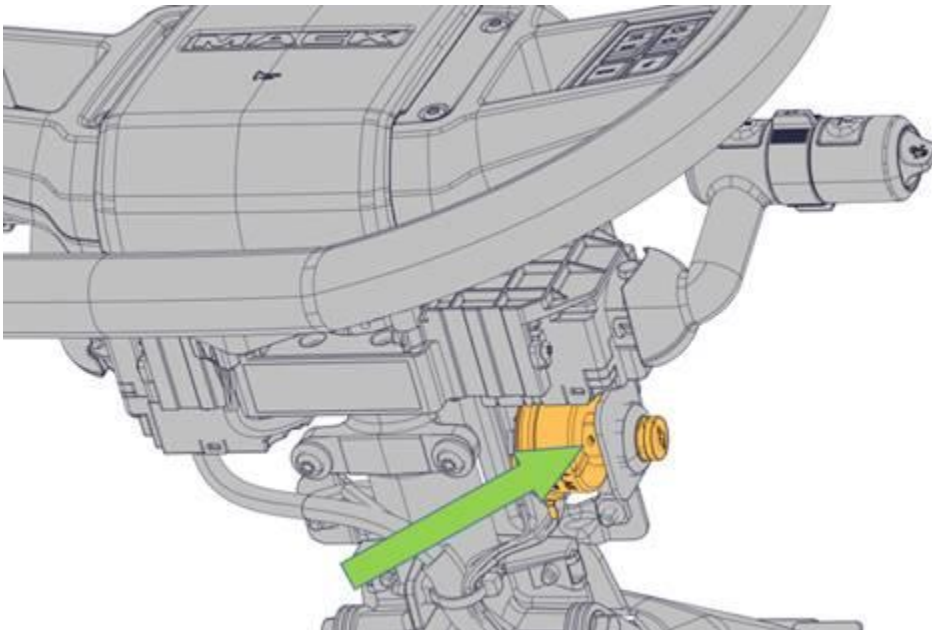


Repair Procedure

1. Remove the 3 retaining screws and lower steering column panel



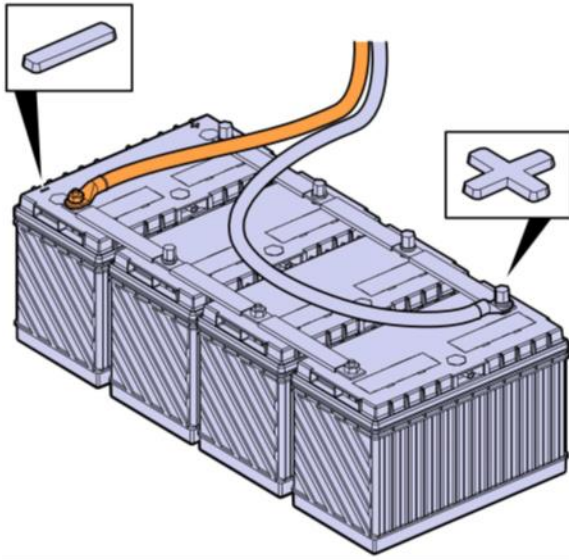
2. With the key in the accessory position, push a small punch into the indicated hole in the ignition switch to release the cylinder and pull the key and cylinder out of the ignition switch



3. Insert the key into the new cylinder and insert into the ignition switch
4. With the key in the accessory position, pull the key outward to ensure the cylinder is properly locked into the ignition switch. Turn the key to the on position and pull to ensure the cylinder remains properly locked in place.
5. Turn the key to the off position
6. Replace the lower steering column panel and retaining screws

Commissioning the Truck for Operation

1. Connect the battery cable to the negative (ground) terminal.



2. Remove the wheel chocks.

