

Cargo Bed Release Operation

by Ed Borland

Cargo cover can be released three ways:

Usual release is using Key Fob release button.

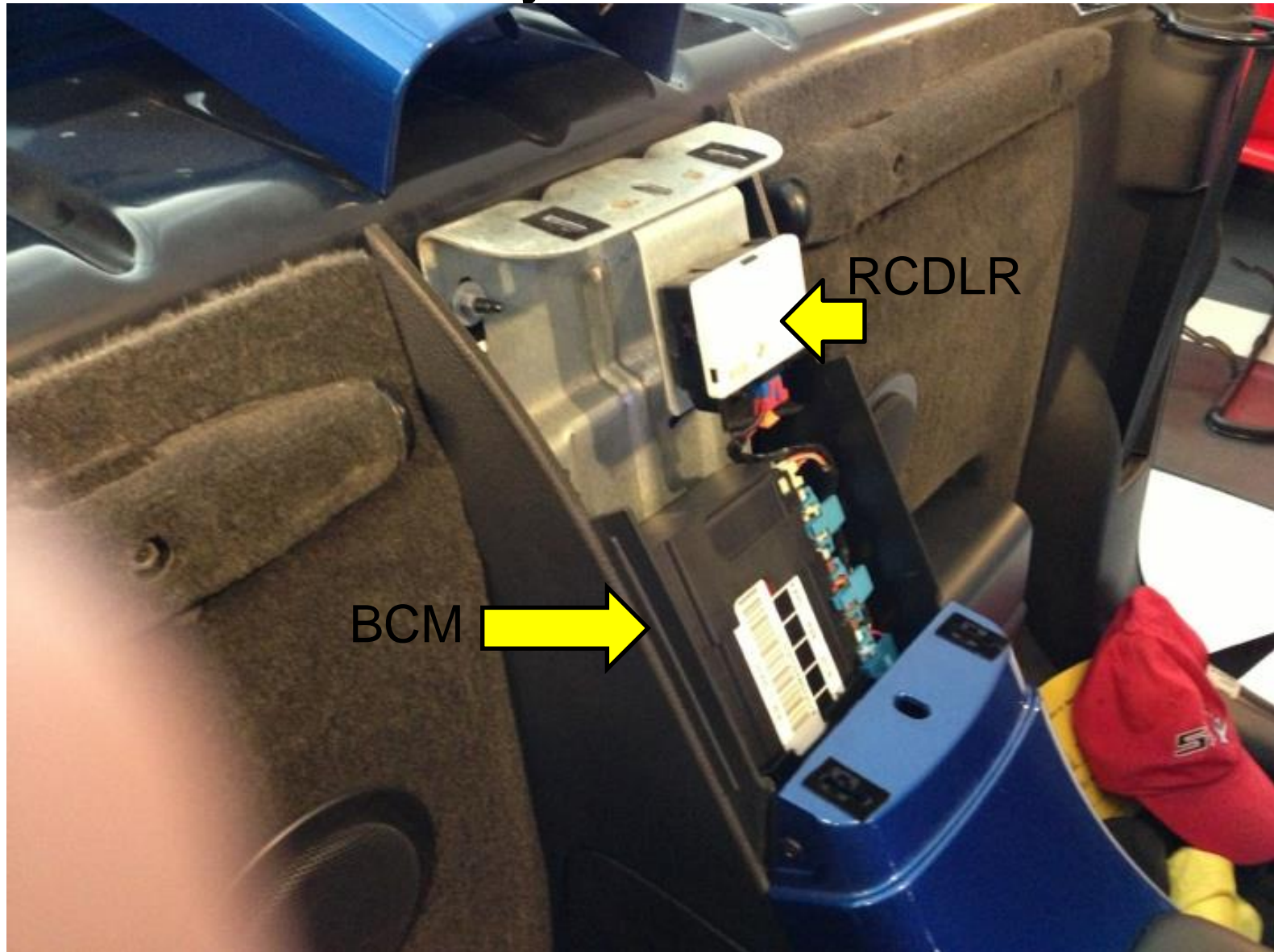
When KEY FOB release button is pushed a signal is received by “Remote Control Door Lock Receiver” (RCDLR) - located on waterfall.

RCDLR sends serial data to “Body Control Module” (BCM)
- located on waterfall.

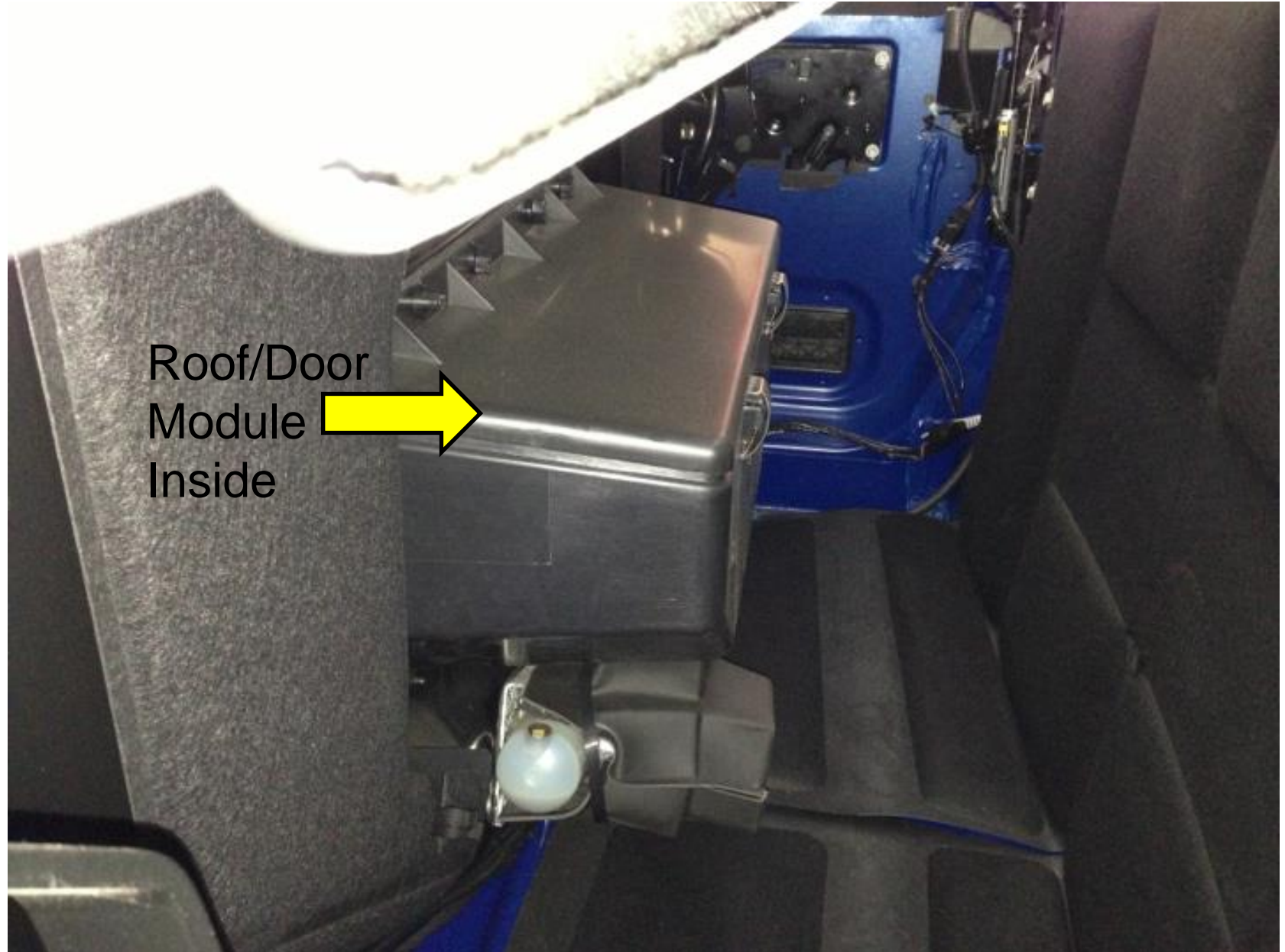
BCM sends serial data to “Roof/Door” module (RDM) - located inside the box in roof storage compartment.

RDM energizes Bed Release Relay # 45

Remote Control Door Lock Receiver And Body Control Module

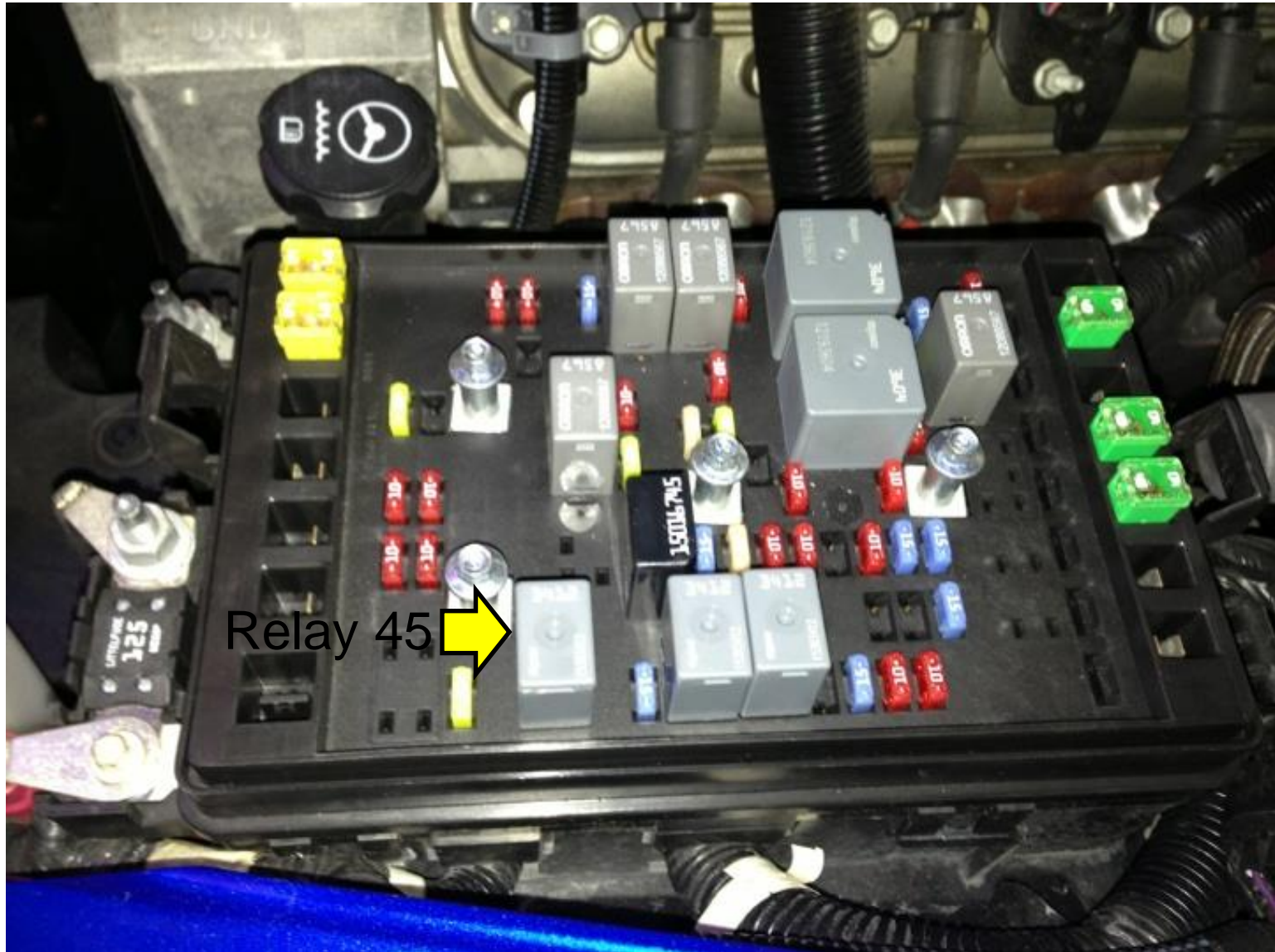


Roof/Door Module Housing



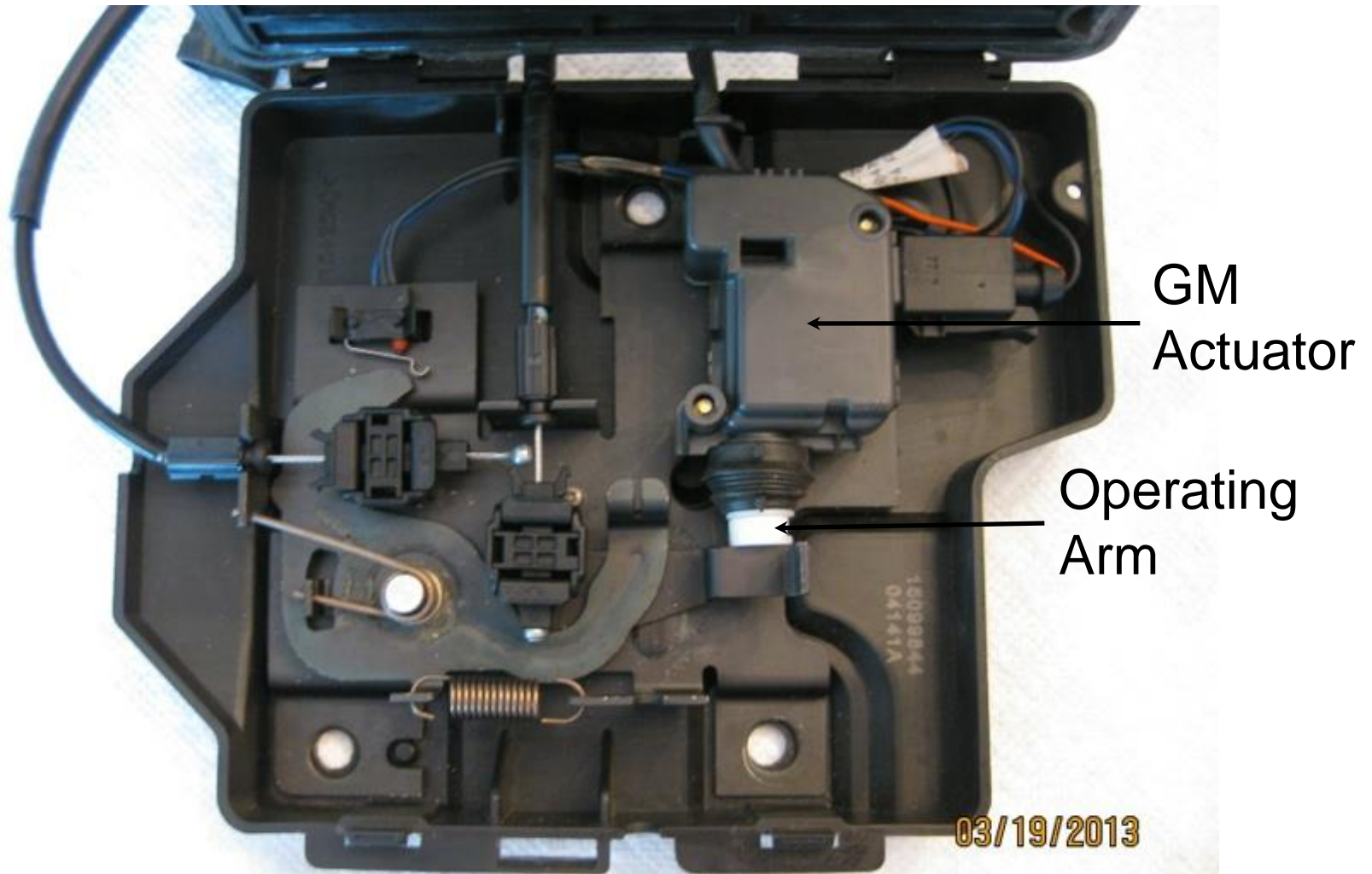
Roof/Door
Module
Inside

RDM energizes Bed Release Relay # 45



Bed Release Relay #45 energizes actuator

Actuator motors screw drive extends actuator arm to release cargo compartment latch.



Second method of opening Cargo Bed is a pushbutton located on lower left side of glove box.

When button is pushed, it provides input to RDM, then RDM energizes relay #45, which energizes rear compartment actuator.

Cargo Compartment Pushbutton



Third method is to use Roof tool.

See “Storage Areas”, in your Owners Manual

This method will be discussed today, but not published to keep it from becoming public knowledge.

Cargo Bed Release Actuator Repair

Cargo bed release actuators have failed on several SSR's.

Gm sells a replacement "assembly" for about \$200.

The Dictator and Mike Moro found a VW actuator which works very well and it can be purchased on E-bay for \$20.00 or less.

VW Trunk Actuator



E-Bay Part 3B0 959 781 C - VW P.N. 7L6958781

On E-Bay search for VW Trunk Actuator.

The bottom number on the actuator
must be 3B0 959 781 C

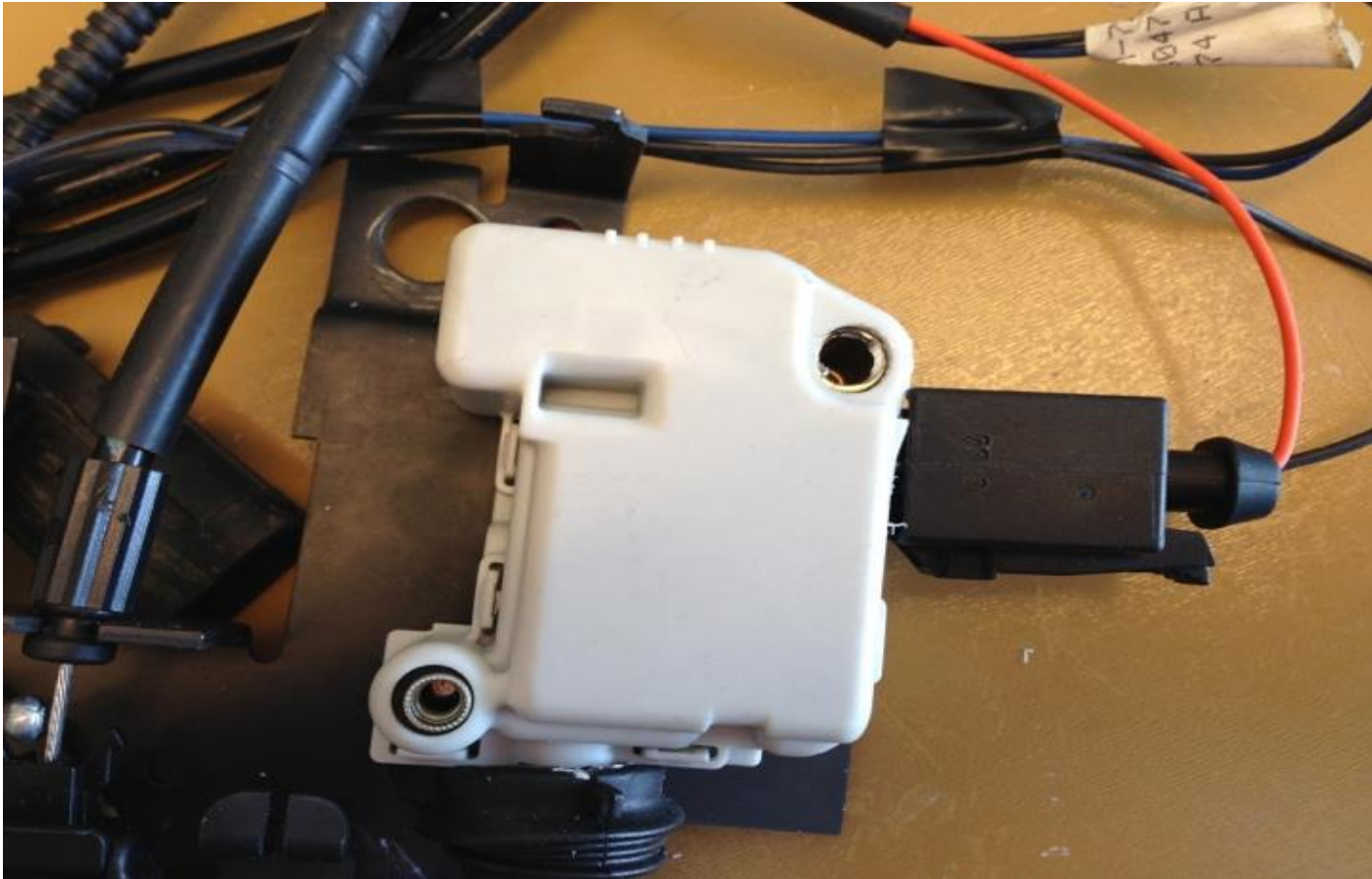
The VW part number is 7L6959781

The cost should be \$20.00 or less including
shipping.

The VW unit will need metric screws for mounting.



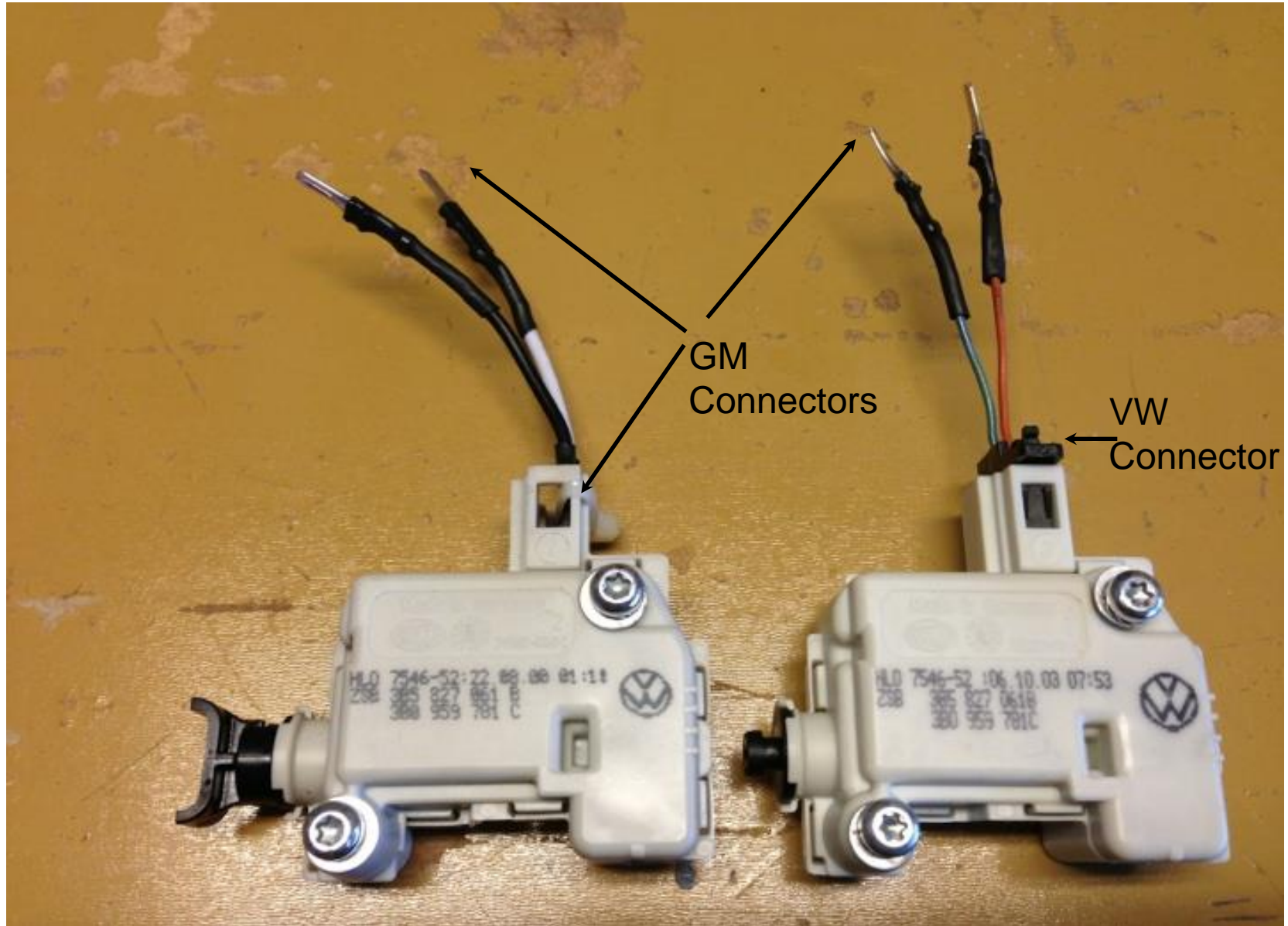
V/W Electrical connector is different from SSR connector.
You can cut V/W plastic connector off and use SSR connector
(with a Ty-Rap)



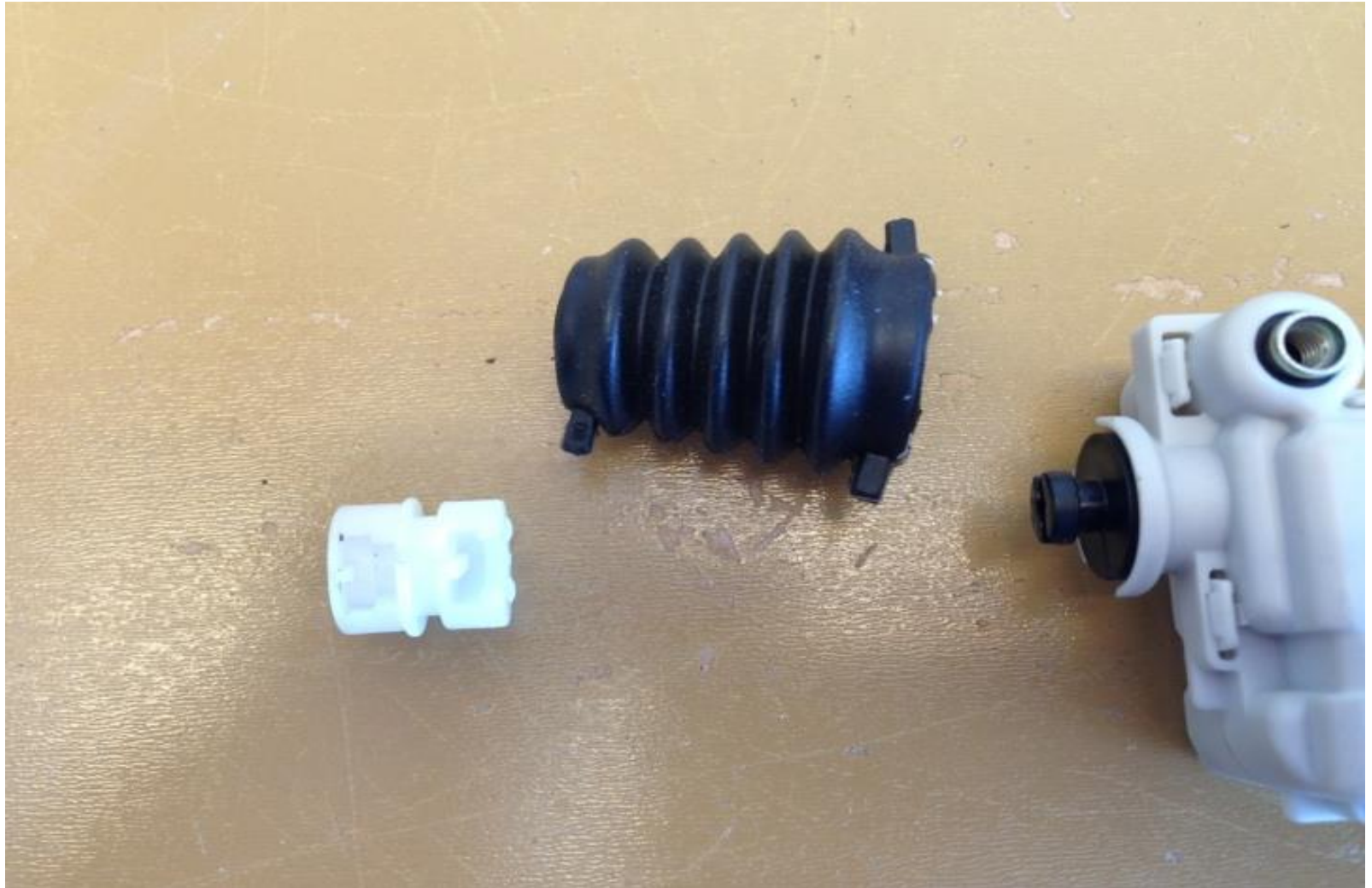
Could use appliance lugs and wire clips to make connection to SSR connector



Adapted to fit original GM connector



Transfer operating arm extensions to V/W actuator



Disassembly for Repair

Disconnect electrical connectors.

Release tension on the two Release cables and remove cables - by pushing top/side tabs in and pulling up.

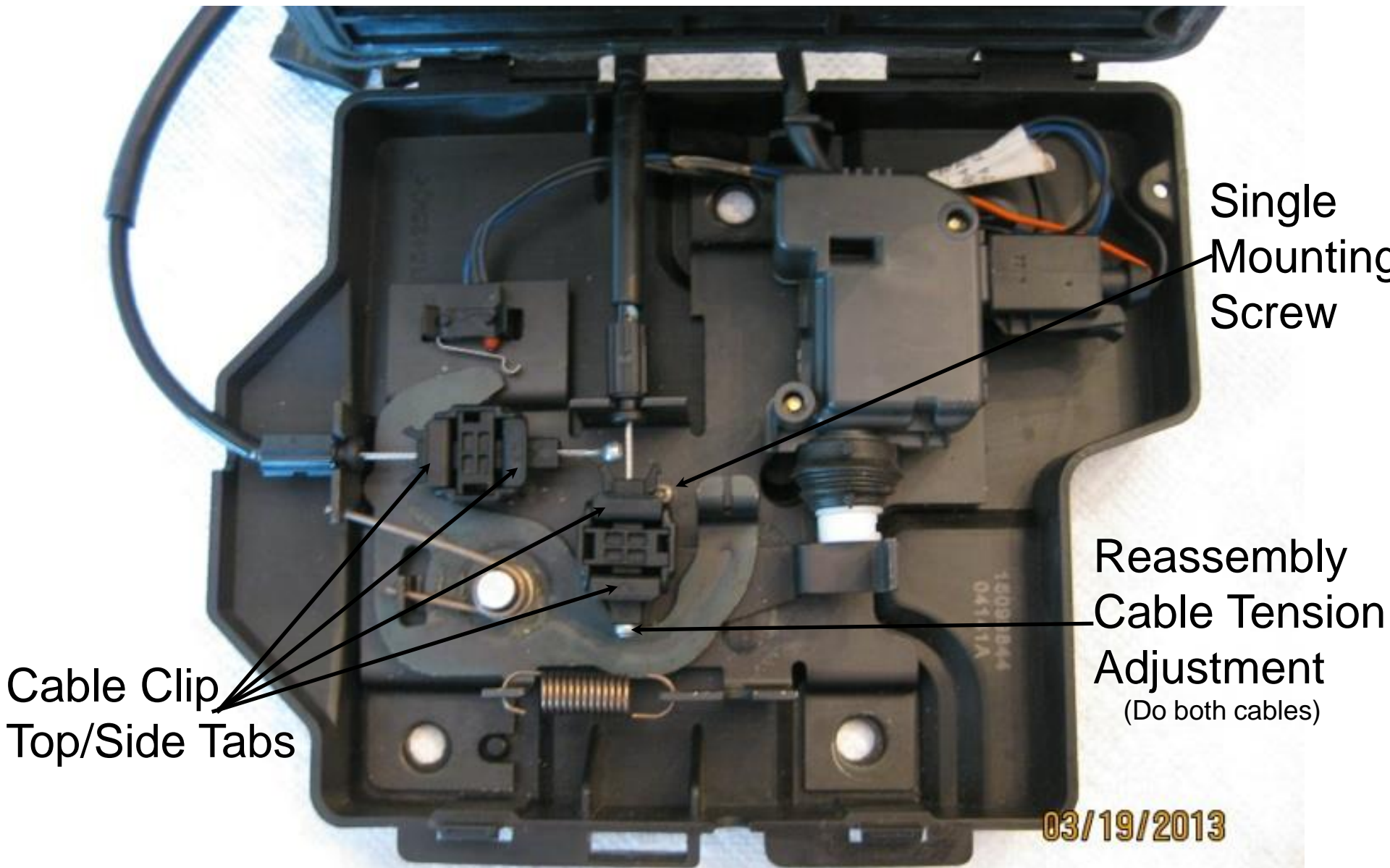
Remove release Handle cable.

Remove latch plate fasteners.

Remove latch plate assembly from truck.

Remove single mounting screw to remove assembly from the case.

GM Replacement Assembly



Reassembly is reverse of disassembly
except for setting Release cable tension:

Manually close two lid latches

With cable tension released, push center
upward to achieve .04 to .08 inch clearance
at cable end.

Cables must release at same time, if not
repeat adjustment procedure

Recommendation - Buy a V/W Trunk
Actuator on E-Bay.

Adapt V/W connector to fit GM connector
for plug & play.

Keep on hand for “when” you or another
SSR owner needs it.