



GEAR SHIFTER

In Compliance with:

NMEDA Guidelines 32 FMVSS/CMVSS 101, 102

Installation

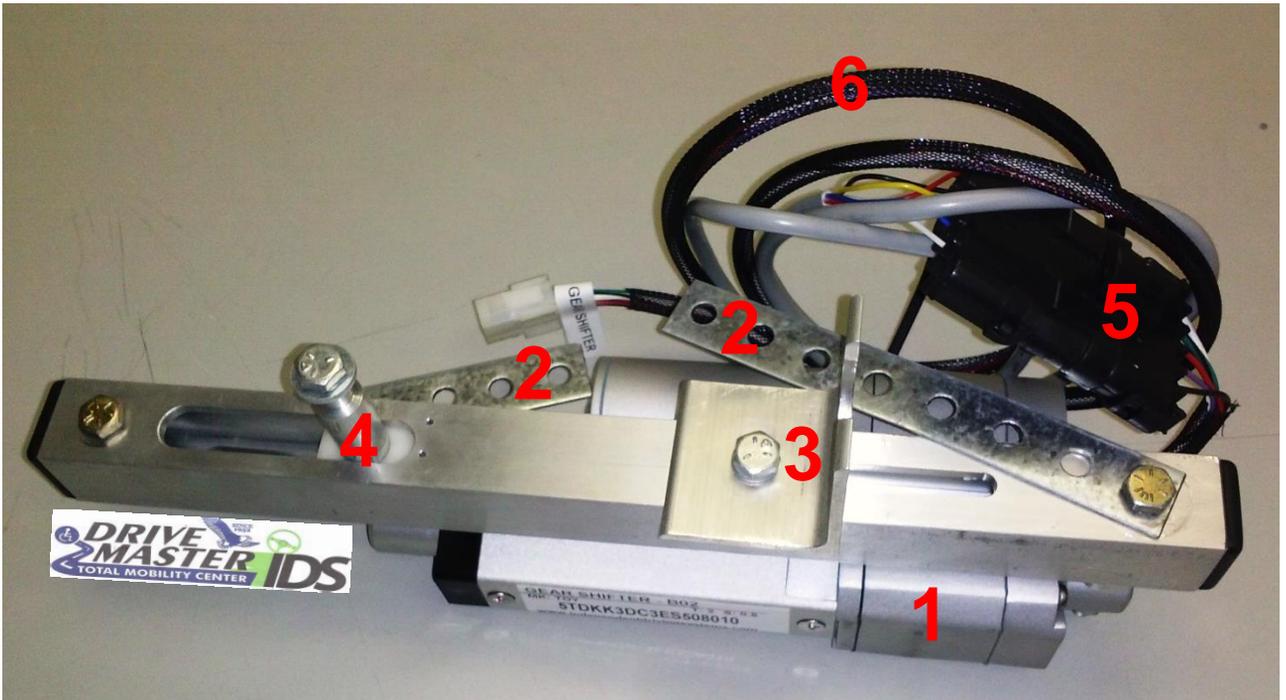


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Index

Index	2
Content	3
Installation	4

Content:



- 1 Gear Selector Motor.
- 2 Mounting straps.
- 3 Shifter cable lock clamp.
- 4 Shifter cable lock end.
- 5 Waterproof connector.
- 6 Wire extension.

Installation

Step 1:

Find a place to mount the gear selector box.

Most vehicles have enough room under the front wipers compartment.

Also, it can be installed in the center console, close to the gear selector handle.



Step 2:

Remove the shifter cable end from the OEM gear selector handle and route it to the shifter cable lock clamp (#3 of Content) and to the shifter cable lock end (#4 of Content), connect it as shown above.

Gear Selector with GPM

Step 3:

Route the wire extension to plug the six pin Molex connector to GPM harness.

NOTE:

Keep the wire extension away from heating components.
Use plastic zip ties to hold it in safe location.

Stand-alone Gear Selector

without GPM

Step 3:

Route the wire extension to plug the six pin Molex connector to Main harness.

Step 4:

From the IDS harness, attach the wire labeled “BRAKE SIGNAL” to the OEM brake pedal connector (signal wire). Use heat shrink to avoid any short circuit.

WITHOUT FUSE BOX:

Step 5:

Find a good ignition source for “SHIFTER IGN”. Use a 5 A fuse.

Step 6:

Find a good ground source for “GROUND”.

WITH FUSE BOX:

Step 5:

SHIFTER IGN: Crimp a Molex male pin on this wire and insert it to the Female connector “Fuse box” position 4.

Step 6:

Find a good ground source for “GROUND”.

FUSE BOX HARNESS:

Step 7:

Find a good ignition source for “OEM IGN IN” (Ignition switch recommended)

Step 8:

Find a good ground source for “OEM GND”.

Step 9:

Route “MAIN BATTERY” wire through the firewall to the main battery location, install the inline fuse holder in the end of this wire, Install a ring terminal in the other end of the inline fuse holder. Connect the inline fuse holder (ring terminal side) to the main battery POSITIVE TERMINAL. Install the 5 A fuse, one in the fuse box and one in the inline fuse holder.

NOTE:

Keep the wire extension away from heating components. Use plastic zip ties to hold it in a safe location.