



# PARK BRAKE

**In Compliance with:**

NMEDA Guidelines 17 FMVSS/CMVSS 101

## Installation



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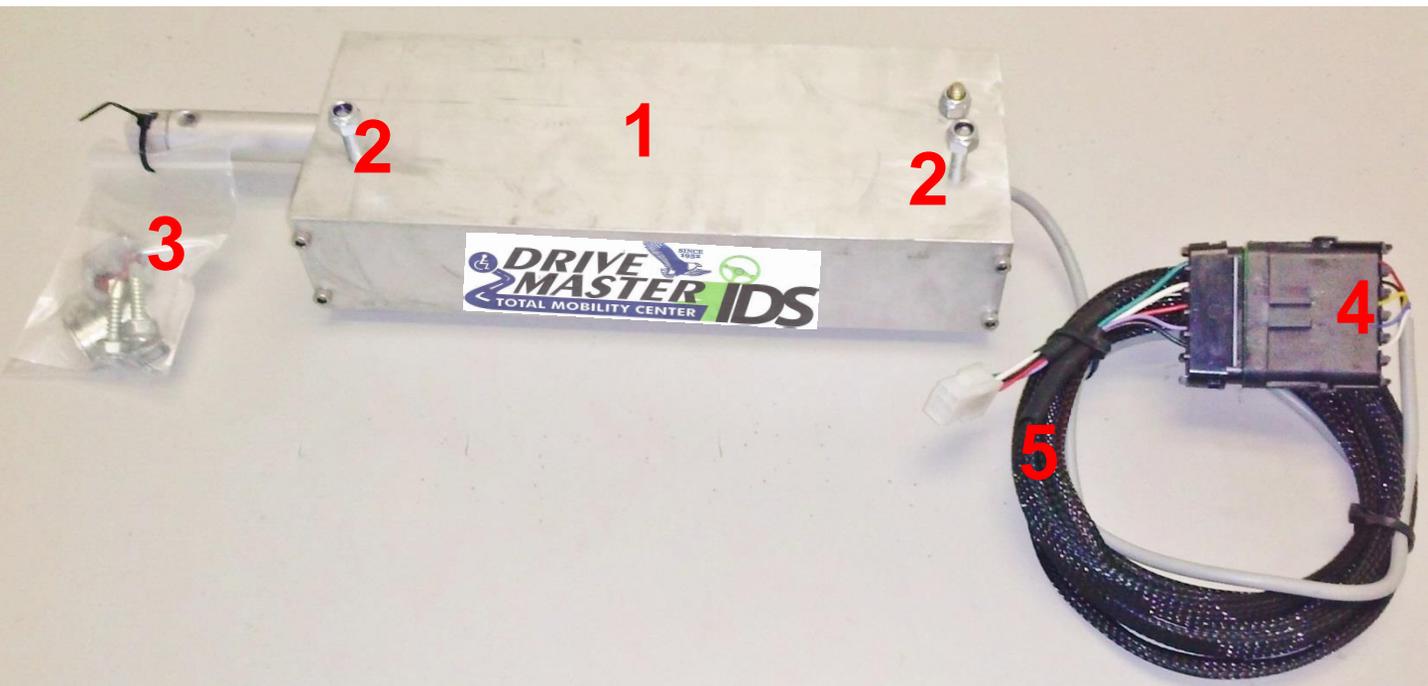
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# Specifications

PULL instead PUSH:

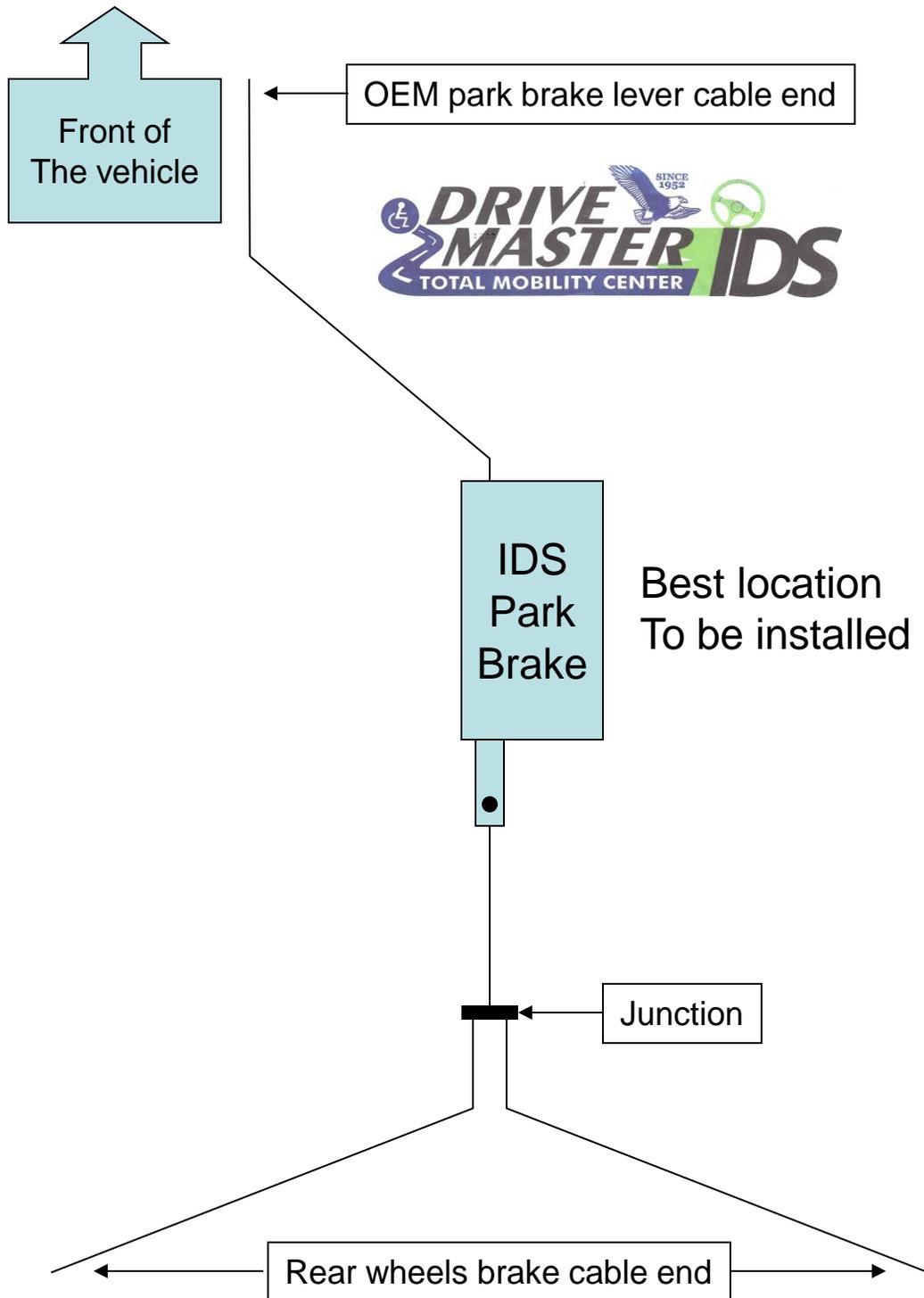
In order to avoid any damage to this equipment, it has to be mounted to PULL the OEM park brake cable.

# Content:



- 1 Park Brake Box.
- 2 Mounting bolts with nuts.
- 3 Zip lock bag with clamp and self screws.
- 4 Waterproof connector.
- 5 Wire extension.

# OEM park brake cable route



# Preparing for Installation

## **Park brake actuator:**

Be sure that the actuator is full extended.

## **How?**

On the Molex (white) connector from the wire extension, touch the green and white wires to the main battery, you may need alligator clips to do this. Connecting the white wire to the positive terminal and the green wire to the negative terminal should cause the actuator to extend, flipping the connection should cause it to retract.

**Note:** the polarity of your actuator may differ, this does not effect its functionality.

## **Installation manual:**

Read through this manual before installation begins.

# Installation

Step 1:

Following the OEM park brake cable, find a place to mount the IDS park brake; It can be underneath or underfloor

IDS park brake has to be aligned with the OEM park brake cable.

Mark the position where the  
IDS park brake will be mounted.  
**DO NOT install it yet.**



Step 2:

From the OEM park brake lever, unplug the wire connector.

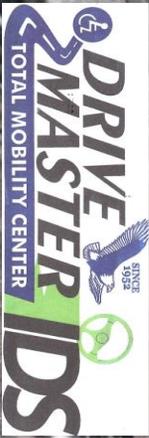
Remove the OEM park brake lever.

Remove the OEM park brake cable from the OEM park brake lever.

Cut the end terminal of the OEM park brake cable.



Cut it from here



Step 3:

Pull the OEM park brake cable underneath.

Take it apart from all clamps and holding elements, until reach the *junction* (page five).

Step 4:

Mount the IDS park brake, drilling two holes in the floor to be use by the two mounting bolts (do NOT over tighten ).



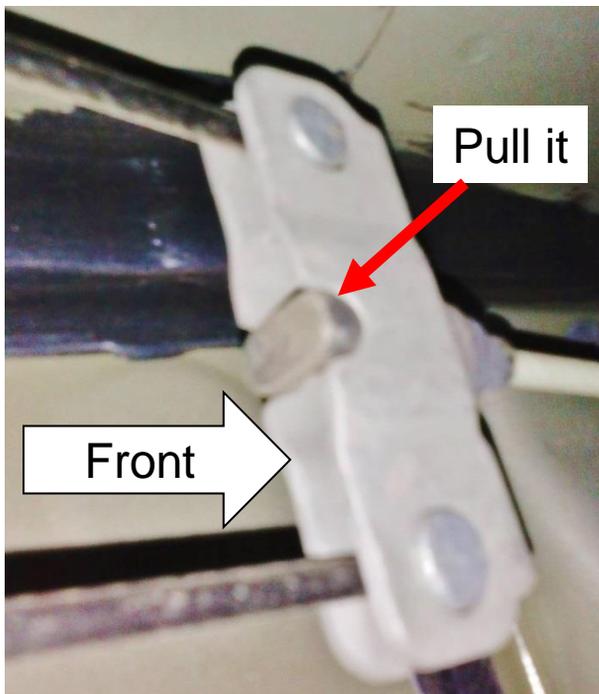
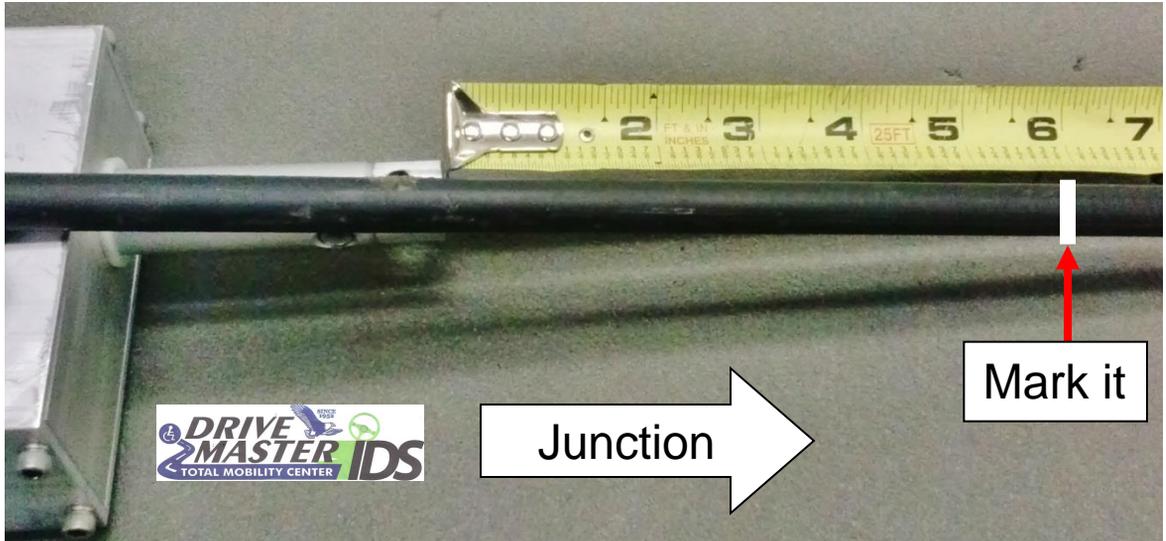
Watch for hoses, cables and wires when drilling.

Mounting bolts



**Step 5:**

From the junction, following the OEM park brake cable, mark the OEM park brake cable six inches from the park brake actuator end.



**Step 6:**

From the Junction, pull the OEM park brake cable past the mark above.

Cut the OEM park brake cable case in the mark above.

**Step 7:**

From the junction, return the OEM park brake cable to its case.

**Step 8:**

From the cable case end already cut, measure twelve inches on the cable, mark and cut it.

Insert the provided cable end clamp ( *page 12*).



**Step 9:**

Route the cable into the park brake hole, install the provided clamp, be sure to set the bent end cable over the primary.



Step 10:

Be sure that the actuator arm and the park brake cable are aligned straight, if so, install the cable end clamp with provided selfcrews to avoid cable side movement.



Watch for hoses, cables and wires when drilling.



Step 11:

From the cable end clamp to the junction, secure the park brake cable with OEM clamps or using any other kind of clamp.

Step 12:

Route the IDS park brake wire extension through the firewall to the vehicle interior.



When routing the extension, leave enough clearance to avoid any contact with high temperature or moving parts.

# Park Brake with GPM

## Step 13:

Cut the signal wire from the OEM park brake lever, solder it with the wire from the GPM harness labeled "P BRAKE IND",  
Use heat shrink to avoid any short circuit.

## Step 14:

Plug the IDS park brake extension in to the GPM harness.

# Stand-alone Park Brake

without GPM

Step 13:

Cut the signal wire from the OEM park brake lever, solder it with the wire from the harness labeled “P BRAKE IND”,  
Use heat shrink to avoid any short circuit.

Step 14:

Plug the IDS park brake extension in to the harness.

## **WITHOUT IDS GEAR SHIFTER**

Step 15:

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 16:

Find a good source for “SHIFTER IGN”.

Step 17:

Find a good source for “GROUND”.

## **WITH FUSE BOX:**

Step 16:

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

Step 17:

Find a good source for “GROUND”.

## **NOTE:**

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