

A488, A904, A727 Conversion To Overdrive A518 (46RH) Part 2

PCS GSM Push Button Shifter Utilizing A

Motorized Shift Actuator

The push button controller is available in various styles in either black or polished aluminum finishes and can be mounted under the dash or in the console:





The push button controller can be positioned in the ashtray console. The polished aluminum version of the vertical push button would look better. It can be made to be removable for car shows. Disconnect the wire connector and push the wire into the opening. A Ring Doorbell Pro colored cover can be fashioned to fit into the ashtray opening with cover slid open. The cover could also be angled so push button controller can be viewed better by the driver. A flat plastic plate can be glued to the Ring doorbell cover and the push button attached to the flat plastic cover.

The following Powertrain Control Solutions system is used to shift the transmission. There is a push button shifter remote (GSM Driver Interface Panel) that has a computer built into it. It sends signals to the GSM Cable Motor Enclosure that connects a push pull cable to the transmission thru a Torqueflite install kit. 1(804) 227-3023. Reverse Light and Neutral Safety Control provisions are also available with the GSM system. The Push Button Control has a digital gear indicator.

PCM catalog is available at their web site:

https://www.powertraincontrolsolutions.com/Performance_Aftermarket/Products/Electronic_Shifters/Push_Button_Shifter/All/hightolow/10/1/

A good video demonstrating how to program the unit is available at:

<https://youtu.be/zNV9u67-O2g>

Part#	Description	Qty	Price per item
A-GSM5005	Gear Select Module Kit including Cable Drive and Black Anodized Push Button Shifter Requiring Speed Sensor & Brake Light Output	1	\$1,149.00
A-GSM2016	GSM Install Kit for Chrysler 1966+ 727 or 904 Torqueflite and AMC 1972+ Torque Command Transmission	1	\$50.00

- 1 - GSM Cable Motor Enclosure
- 1 - GSM Driver Interface Panel
- 1 - Wiring Harness

GSM Cable Motor Enclosure (1)



GSM Harness (1)

GSM Driver Interface Panel (1)

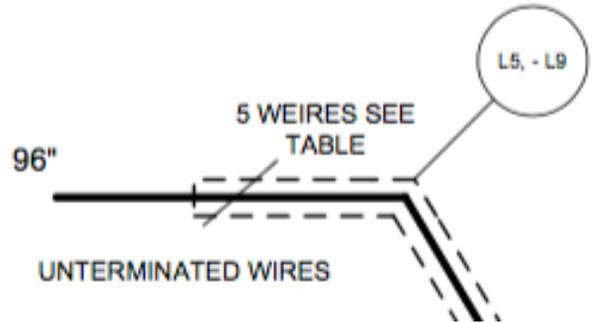
The unit requires a 12V signal from the brake light switch and a speed sensor attached to the speedometer cable.

The GM connectors are compatible with Chrysler speedometer cable connectors.

If needed, the wiring harness has 2 sets of outputs. One set for Start and another set for Backup lights.

There is an unterminated wire that needs to be connected to the stop light.

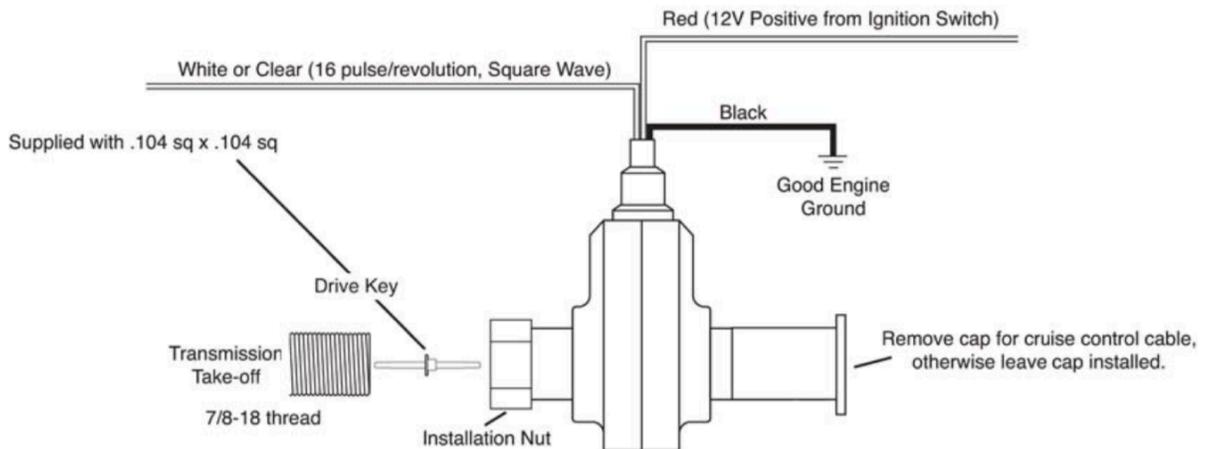
UNTERMINATED			
	CIRCUIT FUNCTION	COLOR	CONNECTS TO
	START	YEL\GRN	C2-8
	START	YEL\RED	C2-9
	BACKUP	PNK\GRN	C2-10
	BACKUP	PNK\RED	C2-11
	BRAKE LIGHT	GRY\LT.BLU	C2-7



PCS GSM2050/GSM2060 Speed Signal Generator

GSM2050 GM Speed Signal Generator

1. Place Drive Key in sender.
2. Place sender on Transmission Take-off.
3. Tighten Installation Nut.
4. Wire sender as show.



To show compatibility of GM speedometer threads with Chrysler threads, this is another product that identifies with both GM and Chrysler:



Jeg's Catalog

Auto Meter Speedometer Sender GM/Chrysler

Part Number: 105-5291

\$102.95

Speedometer Sender

- GM/Chrysler
- 7/8"-18 Thread Hall Effect Sender
- 16-Pulse



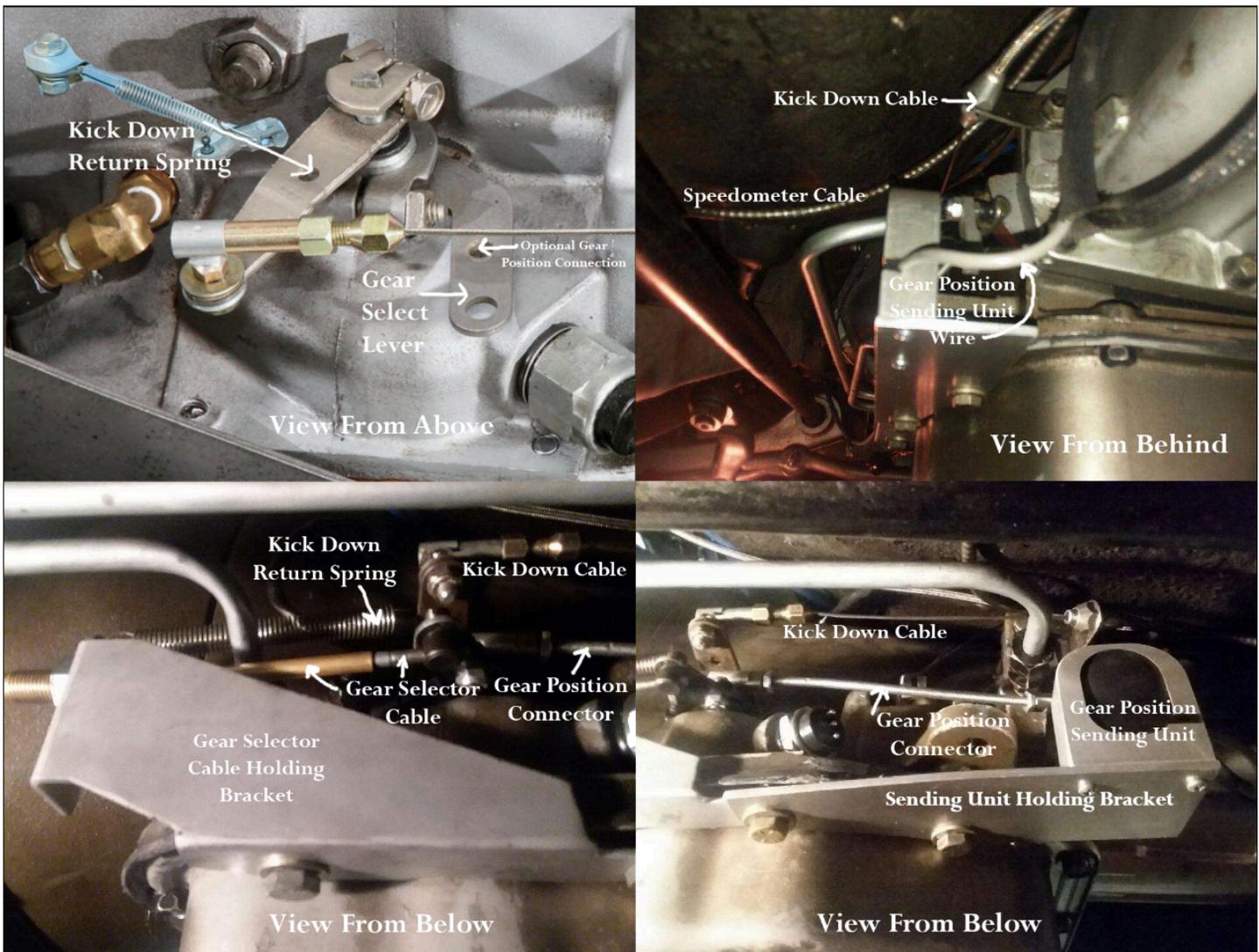
We installed the cable drive enclosure along passenger side of transmission tunnel, under carpet, and fed the cable into the engine compartment.

The User's Guide is available on-line:

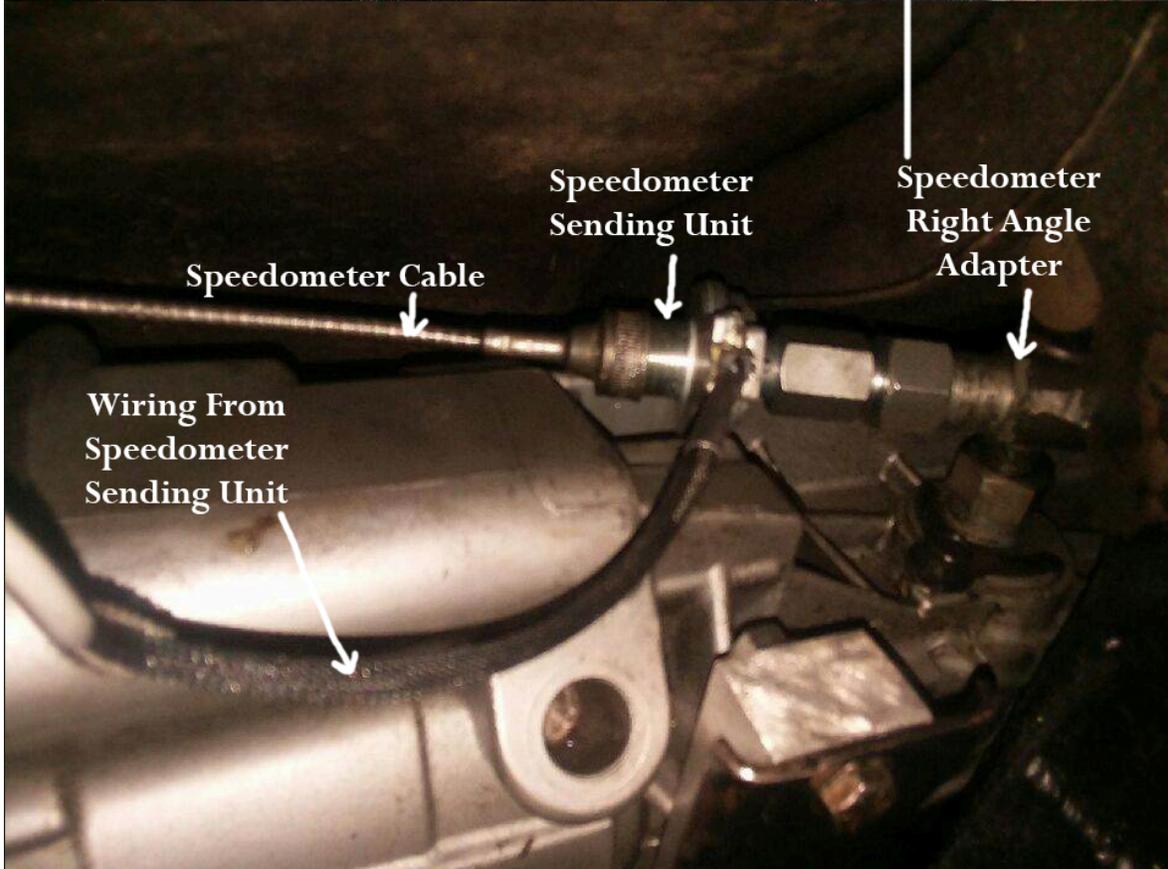
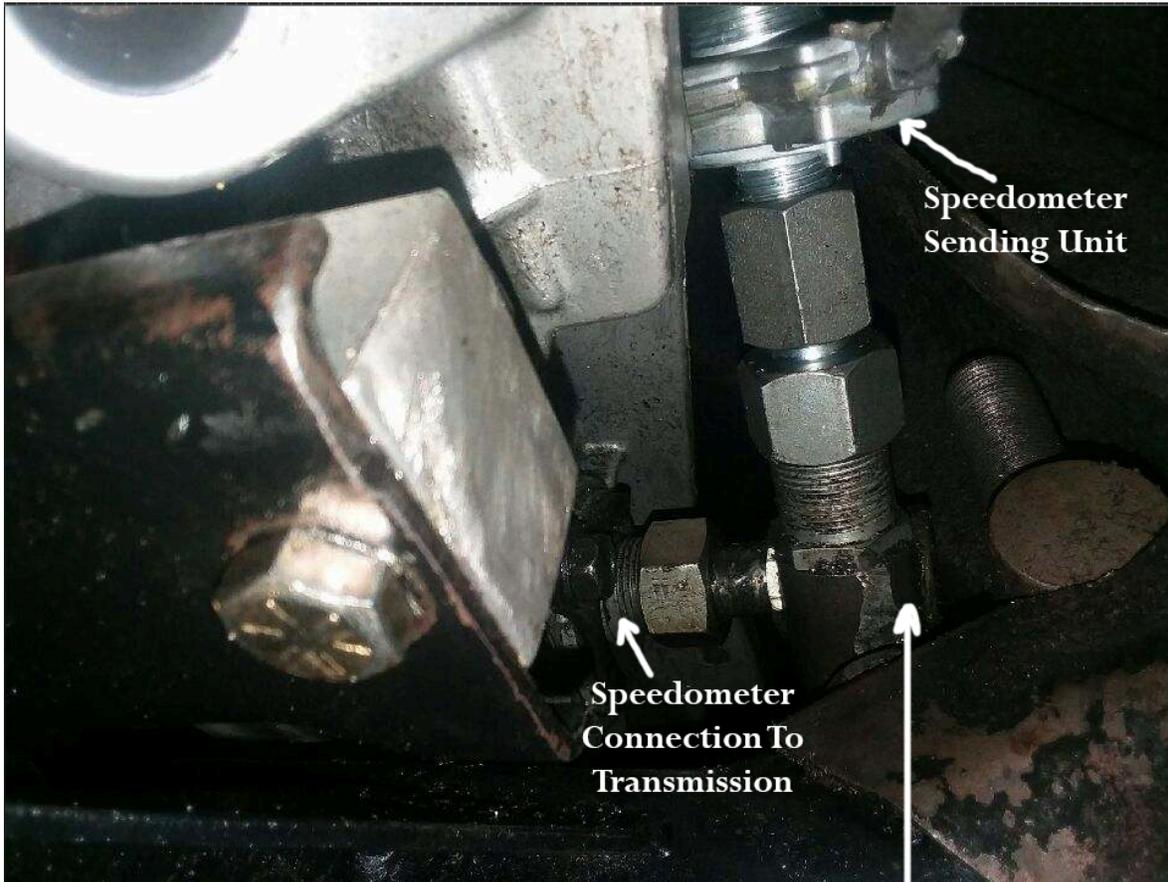
https://www.powertraincontrolsolutions.com/download/Released/Public//Manuals/GSM_User_Guide.pdf

Note: The GSM requires a 20 amp fused key on power source. We took power from the battery solenoid using the blue wire from the ballast resistor (key on circuit) as the trigger source for a relay to power GSM.

Cable & Lever Connections:



Speedometer Sending Unit Connection To Cable & Transmission:



The Wiring diagrams are attached on the next 2 pages:

