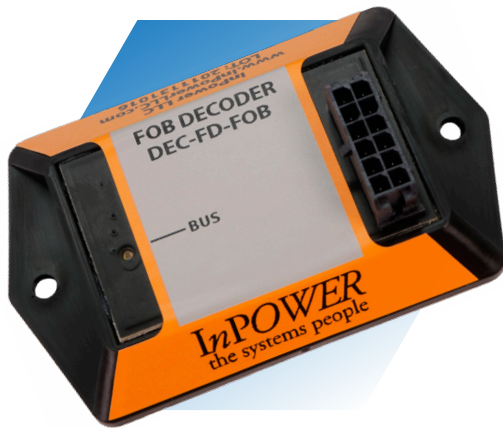


DEC-FD-FOB

Ford Key FOB Decoder (Lock/Unlock CMD from Data Bus)



Technical Description

InPower's DEC-FD-FOB Ford Key FOB Decoder provides discrete LOCK and UNLOCK signals decoded from the Ford Chassis Data Bus commanded by the OEM Key FOB. This eliminates the need for an additional Key FOB.

When the LOCK button is pressed on the Ford OEM Key FOB, the data command is received by the vehicle and transmitted on the Chassis Data Bus. The DEC-FD-FOB receives this data and generates a 400mS 12V Pulse that can be used to trigger a door locking.

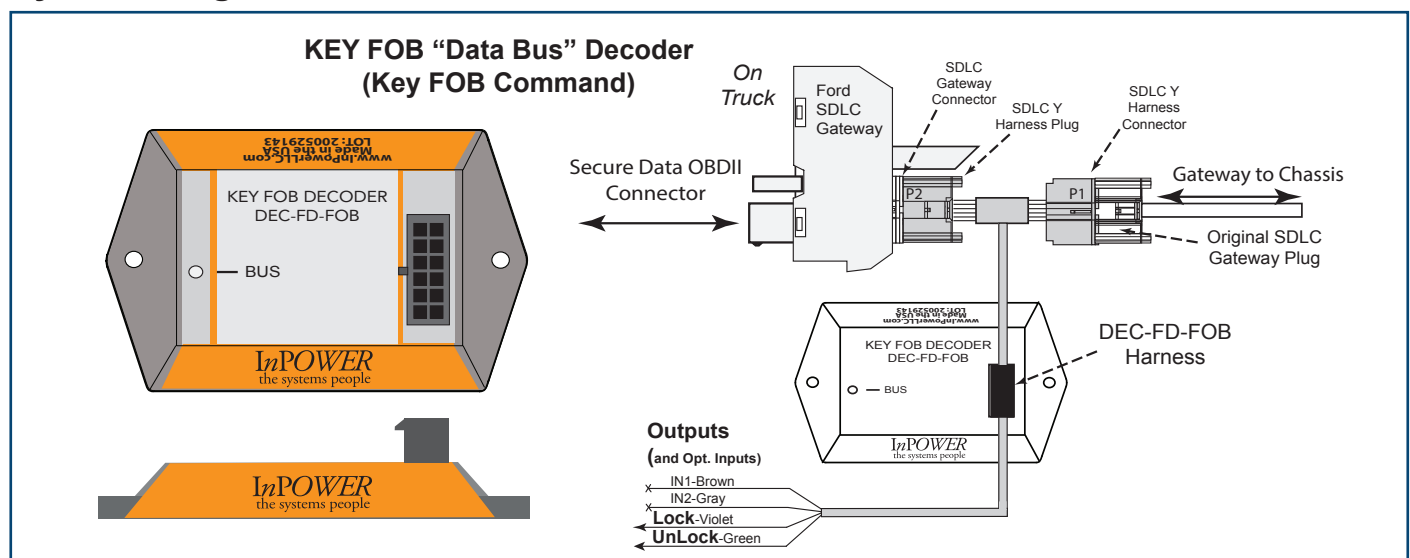
Likewise when the UNLOCK button is pressed on the Ford OEM Key FOB, the UNLOCK data command is received by the vehicle and transmitted on the Chassis Data Bus. The DEC-FD-FOB receives this data and generates a 400mS 12V Pulse that can be used to trigger a door unlocking.

To support our customers in selecting a decoder that is compatible with their specific chassis, please contact InPower at 740-548-0965.

Key Features

- Eliminates the need for additional "After Market" Key FOBs for Lock and Unlock Functions.
- Lock and Unlock +12V Outputs are Controlled by the OEM remote Key FOB
- For use on 2020+ F250-F550, 2020+ Transit T150-T350, 2021+ E350-E450, and 2021+ F650-F750
- DEC-FD-FOB Cable connects to the rear of the Ford Gateway SDLC connector on vehicles so equipped.
- Low cost, fast, and easy installation.
- Customized functions available.

System Diagram



Specifications

For use on 2020+ F250-F550, 2020+ Transit T150-T350,
2021+ E350-E450, and 2021+ F650-750

Power Requirements & Operation

+12 volts:	Sourced from SDLC connector
Ground:	Sourced from SDLC connector
Standby Current Iq:	2.5 mA
LOCK:	+12VDC 400mS Pulse Output on Violet Wire
Lock Max Current:	800 mA
UNLOCK:	+12VDC 400mS Pulse Output on Green Wire
UnLock Max Current:	800 mA

Dimensions: 3.17 L x 1.94 W x 0.8 H inches

LED Status Indicators:

BUS	Slow blink when power applied, Turns solid when Key FOB command received, Returns to slow blink to save power.
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Mechanical Drawing

