



# VHX-87F-PU

Dakota Digital VHX Instrument Installation  
For 1987-1991 Ford Full-Size Pickup & Bronco

Your new VHX-87F-PU kit includes:

## VHX Display



## Universal Sender Pack



## Installation Manuals



## Speed Sensor Plug



## Switch Assembly



## Alternator Load Harness (Used with Three-Wire Alternators)

## 36" CAT5e Cable

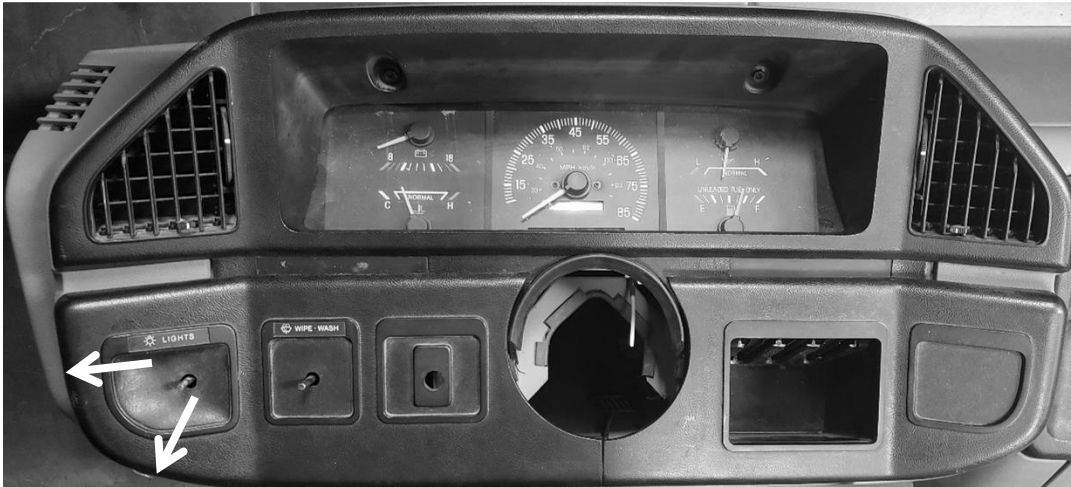
## Control Box



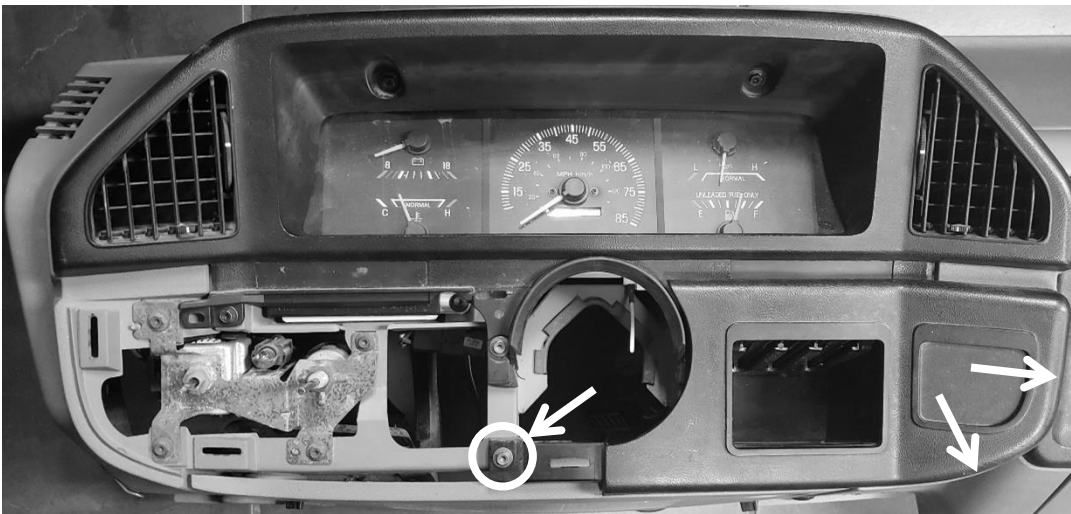
## 8x Indicator Harness

## Installation

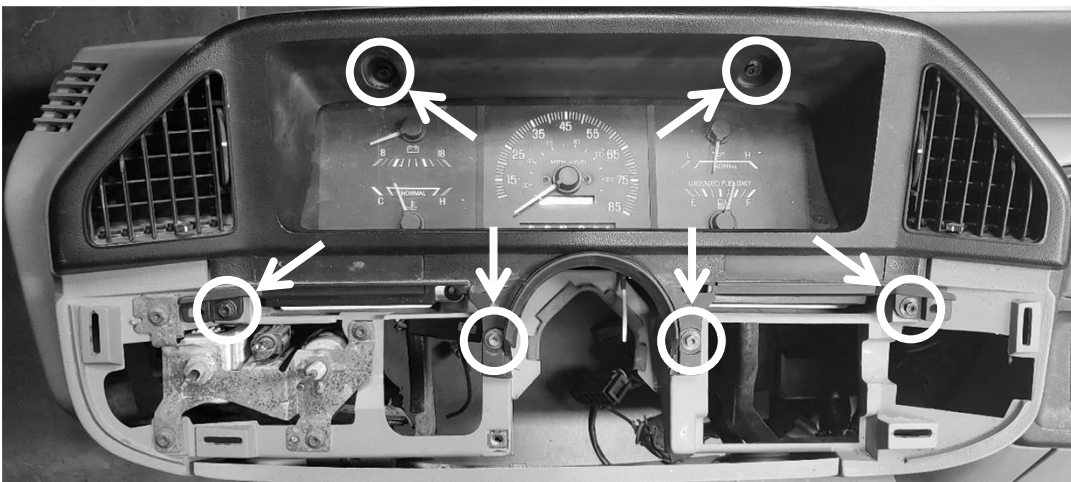
1. Begin disassembly of the dash. Make sure to retain all of the original screws for reassembly. After removing the light and wiper knobs, unclip the bottom left trim panel.



2. Remove the retaining screw and unclip the bottom-right trim panel.



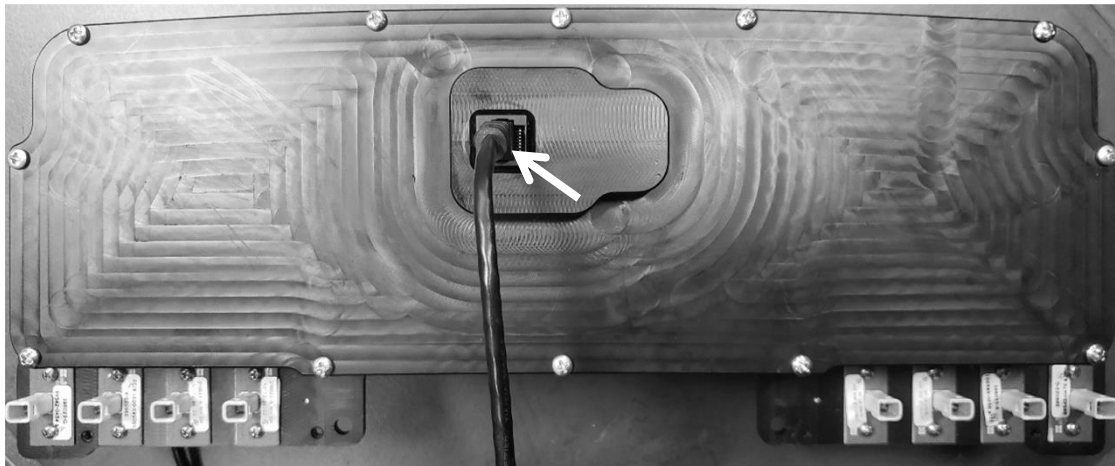
3. Remove the six screws securing the upper dash trim. Unclip the upper dash trim and set aside.



- Remove the four screws retaining the factory instrument cluster. Gently remove the original instruments and set aside.



- Attach the provided 36" CAT5e Cable to the back of the VHX display. Carefully route the other end to the control box mounting location.



- This system has two options for the included LED indicators. You can have the indicators located in the face of your new VHX display, and/or use the additional lights in your vehicle's stock locations. To use the new in-face indicators, follow the wiring instructions found in the main VHX manual.

The optional indicator lights in the stock locations may be used by plugging the eight included indicator harnesses into the receptacles on the lower back of the VHX system. Do not wire these to the VHX control box:



WHITE\GREEN wire to INDICATOR CIRCUIT  
WHITE\BLACK wire to CHASSIS GROUND

7. Using the four original mounting screws, fasten the VHX display into the dash.



8. Reassemble the dash in reverse order. Refer to the main VHX manual for control box wiring and setup instructions.



9. Stock 3-Wire alternators may need an additional wiring connection at the gauge cluster connector. You will need to add resistance from the Red/LT GRN wire in the 12<sup>th</sup> pin location to the LT GRN/RED wire in the 11<sup>th</sup> pin location. This will 'excite' the alternator telling it to begin charging. This can be done using the included alternator load harness.

NOTE: To connect VSS on EFI applications with factory speed sensor: splice into the gray/black (VSS+) wire at the speed sensor; connect this to the speed input (SPD SND) terminal on your control box. Consult a wiring diagram specific to your model and trim level to locate the VSS + wire from the speed sensor.

**⚠WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



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