



RTX-94F-MUS

Dakota Digital RTX Instrument Installation
For 1994-'04 Ford Mustang

Your new RTX-94F-MUS kit includes:

RTX Display



Universal Sender Pack



Buzzer



Installation Manuals



36" Main Harness

Switch Assembly



Control Box



Alternator Load Harness



Speed Sensor Plug

Installation

****Please note: Model years '96-04 using the factory drivetrain may be required to disable the PATS system prior to removing the OEM gauge cluster. Removing the OEM gauge cluster prior to disabling the PATS system may result in a no start condition. Disabling the PATS system is typically done through aftermarket ECU tuning software. If you don't have access to ECU tuning software you will need to contact your local vehicle performance shop to perform the PATS disable for you.**

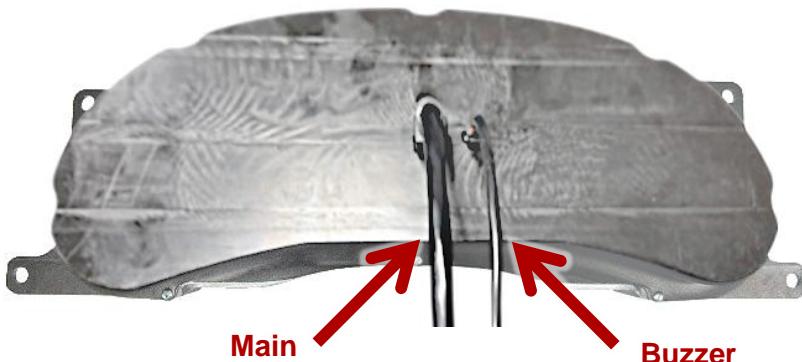
1. Remove the stock gauge bezel from the dash, saving all removed hardware for reassembly.



2. Remove the stock gauge cluster by removing the four screws holding the system to the dash structure; be sure to keep these screws as they will be reused. Now is a good time to clean the bezel and dash pads.



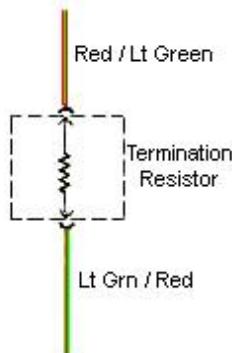
3. Connect the **36" Main Harness** to the back of the RTX system. Carefully route the open end of the harness to the desired control box mounting location. The included **Buzzer** may also be connected for optional audio feedback.



4. Mount the RTX display to the dash structure using the four retained factory screws.



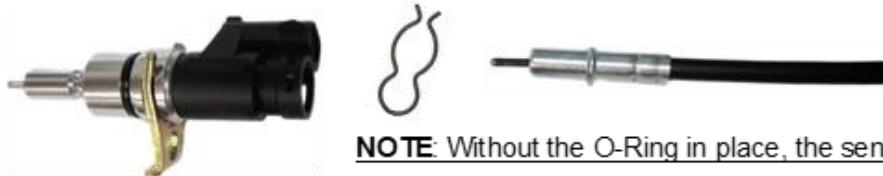
5. The original cluster is directly connected to the alternator charge circuit. By removing the original cluster you're creating an open circuit, which will result in the alternator not properly charging. To correct this, the install kit includes an **Alternator Load Harness** (termination resistor). Connect the termination resistor between the colored wires as shown below. These wires can be located on the connector that plugs into the original gauge cluster. This will ensure the charging circuit remains functional.



6. 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.
7. For model years '94-01 please refer to the instructions on the next page to install the **Ford Speed Sensor Plug**, if needed.

Installation of the Ford Speed Sensor Plug

1. Remove the retainer clip that secures the speedometer cable inside the speed sensor. Carefully pull out the speedometer cable, making sure the stock O-ring remains in place.



NOTE: Without the O-Ring in place, the sensor will leak.

2. Replace the speedometer cable with the provided plug and reinser the retaining clip to keep it in place.



3. Splice into the gray/black (VSS+) wire at the speed sensor. This must be connected to the speed input (SPEED INPUT: SIG) 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.

8. Refer to the main manual for wiring and setup instructions to complete the RTX installation.

Please note, if you have the OEM fuel sender in your fuel tank you will need to choose the Ford 20-150 sender option while in the FUEL SND>SENDER menu.



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



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