

Additional Product Installation Support

For Product: Mustang Instrument Cluster Modules p/n: 2024-7xx

Last Update: November 16, 2005

Problem #1: Gauges do not appear to be operable or pointers are pegged at full clockwise position.

Answers

1) Verify that all gauges perform a full sweep clockwise and back counter-clockwise when the upgraded cluster is installed back into the vehicle and the ignition key is turned on.

Note 1: This will only occur the first time the unit is powered up.

Note 2: Some '03-04 Mustangs require a separate operation to perform the WOW gauge sweep function (see below)

- A. Put key in the ignition, but do not turn it. Push and hold trip/reset button. Continue holding button down.
- B. Turn the key to the on position while holding button. Continue holding button until "test" appears on digital odometer/trip readout (see Figure 1).
- C. The pointers will all sweep to their extreme points and sweep back to their starting positions. The digital readout will say "GAGE".



Figure 1.

2) Verify all gauge pins from the cluster module are engaged into the original cluster circuit board "box clips".

3) Verify the original cluster circuit board is completely pressed down to the back of the white cluster housing (especially in each gauge location).

Problem #2: All gauges function during the initial power up, but do not function during normal operation.

Answers

1) Again verify that **all** gauges perform a full sweep clockwise and back counter-clockwise when the upgraded cluster is installed back into the vehicle and the ignition key is turned on.

Note: See Problem #1 to force gauge sweep.

2) Verify that something was added or modified to the vehicle that may affect the signals to the cluster (speed sensor, engine control, connecting into the vehicle harness, ...). If something was modified, then verify that the original cluster performs properly.

Problem #3: Is it normal for some of the pointers to appear “jittery” during initial power up?

Answers

1) Yes, some pointers may appear more “jittery” than others during the initial power up stage (first power up when installed). However, during the normal operation, all pointers should appear controlled.

Problem #4: Backlighting does not function.

Answers

1) Verify that the cluster module lamp connector is twisted into the proper illumination location and with the red wire at the top as shown in the cluster module instructions.

2) Verify that the brass contact wings in the lamp connector are not compressed down before twisting into the circuit board. There should be a minimum of 0.050” gap between the brass contact wings and the plastic base of the connector. You can bend the brass contact wings up to create the gap if needed.

Note: The contact wings may become compressed if the lamp connector is twisted into the circuit board more than once and then removed to try again.