

INSTALLATION INSTRUCTIONS

DRAG SPECIALTIES TACHOMETER FOR 04-12 MODELS P/N 2211-0117

ATTENTION INSTALLER (if other than owner): Please forward this Instruction Sheet to the purchaser of this product. These instructions contain valuable information necessary to the end user.

INTRODUCTION: These instructions describe the procedure for properly installing this tachometer on 2004-2012 XL and Big Twin models. Review the instructions carefully before beginning, as they contain important information. Please retain for future reference.

Particularly important information is distinguished in these instructions by the following notations:

NOTE: A NOTE provides key information to make procedures easier or clearer.

CAUTION: A CAUTION indicates special procedures that must be followed to avoid damage to the motorcycle and/or accessories.

WARNING!: A WARNING indicates special procedures that must be followed to avoid injury to a motorcycle operator or person inspecting or repairing the motorcycle.



INCLUDED IN KIT:

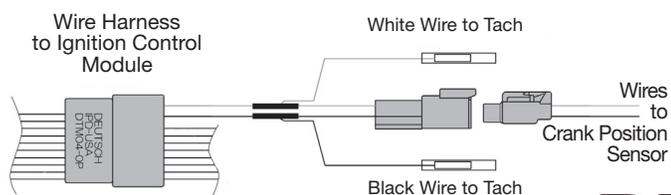
DESCRIPTION	SIZE (mm)	QUANTITY
Tachometer	45mm	One
White wire	L = 1100	One
Nut	M5	Two
Red wire	L = 300	One
Flat washer	M5	Two
Black wire	L = 300	One
Spring washer	M5	Two
Wire connector	-	Three

PROCEDURE:

1. Disconnect the negative battery cable while doing any work on the electrical system.
2. Determine the mounting location for the tachometer. We suggest, if possible, using the optional mounting bracket p/n 2211-0118 on Sportster and Dyna models with the speedometer on the handlebar.

NOTE: Tachometer must be rubber-mounted for best results. Failure to rubber-mount to isolate vibration may result in unsatisfactory and excessive needle movement; and shorten tachometer life.

3. Locate a switched accessory terminal (+12V) on the bike and connect a wire from this terminal to the red wire on the tachometer. This wire must have power only when the ignition switch is turned on. Use the red wire in the tachometer kit.

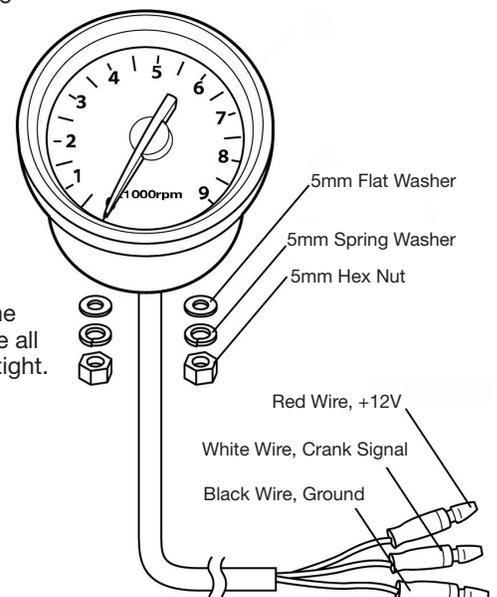


4. Locate the wires from the crank position sensor. The red wire on the crank position sensor must be connected to the white wire on the tachometer. This is the signal input wire. Use the white wire in the tachometer kit.
5. Route the black wire on the tachometer to a ground terminal on the frame of the motorcycle, or to the negative terminal of the battery. It could also be connected to the black wire on the crank position sensor. Use the black wire in the tachometer kit.

CAUTION: Confirm that the positive wire is connected to the red tachometer wire, and the negative wire is connected to the black tachometer wire.

6. Reconnect the negative battery cable.
7. Turn on the ignition. It is normal for the tachometer needle to sweep across the dial and return to zero. Allow this to complete before starting the engine.
8. Start the engine and observe the tachometer for correct needle movement.

WARNING!: Before operating the motorcycle, be sure all of the hardware is tight.



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P/N 2211-0117