

# Assembly Instructions

Description:	Tachometer, Bar Clamp	Model:	VN1700 Nomad, Classic and Classic LT
Part-Number:	K53020-386	Approximate Assembly Time:	30 min

Before you begin installation, read through the installation instructions and check to be sure all parts are present.

If you are in doubt as to any part of the installation, please ask your authorized Kawasaki dealer to complete the installation. Please note that Kawasaki cannot assume any responsibility for damage resulting from incorrect installation.

Parts List				Tools Required:
Seq.	Part Number	Description	Qty.	
1.	T.B.D.	Tachometer Assembly	1	<ul style="list-style-type: none"> <li>■ Cross-point screwdriver</li> <li>■ Small flat blade screwdriver</li> <li>■ Wire connector crimping pliers</li> <li>■ 8mm Hex Socket 3/8" drive</li> <li>■ Ft.lb. torque wrench (Range minimum: 20 Ft lbs)</li> </ul>
2.	99-0605	4" cable ties	3	

## Installation Instructions

### Tachometer Installation Preparation

#### Parts Removal

- Refer to the Service manual for specific information in removing the bar clamp components if further instruction is needed.
- Remove the two screws holding the headlight assembly and carefully disconnect the 3-pin connector on the back of the headlight reflector to remove the headlight, set it aside for now.
- Remove the four chrome handlebar clamp caps and bolts and the two clamps, being careful not to move the handlebars, see **side note**.

#### Install Tachometer

- Apply 2-stroke oil to the threads of the clamp bolts. Place the tachometer onto the handlebar clamp area and reinstall the four bolts. Make sure the handlebar punch mark aligns with the lower mating surface of the bar clamp at the rear edge. Tighten the front clamp bolts first, and then the rear bolts.

**Tighten the bolts to 34 Nm (25 Ft-lbs)**

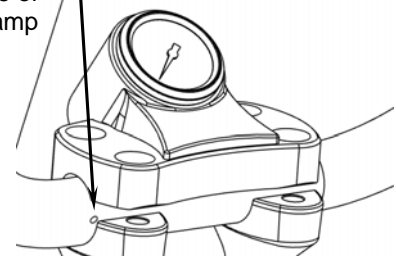
#### NOTE:

- There will be a small gap at the back of the clamp.

### NOTICE

It is recommended that you have an assistant stabilize the handlebars at this point to prevent the handlebars from moving away from the original position and possibly causing damage to the fuel tank

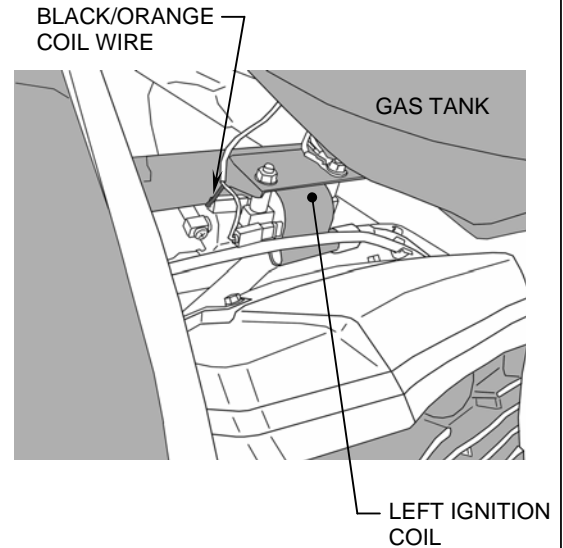
Punch mark aligned with top surface of lower clamp



- Route the wires down from the rear side of the tachometer housing through the upper fork clamp wire and hose guide and into the rear of the headlight shell.
- Connect the black and red tachometer wires inside the headlight housing as indicated in the schematic below.
- Locate the left coil just under the front of the fuel tank. Remove the black/orange wire connector from the left coil and install the green piggyback spade connector from the tachometer onto the coil and reinstall the black coil wire onto the piggyback connector's male spade terminal. Secure the wire with the supplied cable tie to existing harnesses.
- Reconnect the 3-pin headlight plug onto the back of the headlight and reinstall the headlight assembly onto the headlight shell, making sure to hook the top edge first and firmly snapping the bottom edge closed. Align the mounting holes and re-secure the headlight ring with the two cross-point screws.
- Start the engine and check the operation and lighting of the tachometer.

**WARNING**

Be sure the ignition to the motorcycle is turned off prior to making any electrical connections



**WIRE SCHEMATIC FOR VN1700 TACHOMETER**

Tachometer Wires:	Motorcycle Wires:	Notes:
Red	Yellow (accessory power)	Insert male bullet connector into double female bullet connector inside headlight shell.
Black	Black / Yellow Stripe (accessory ground)	Insert male bullet connector into double female bullet connector inside headlight shell
Green	Black / Orange Stripe Coil Wire	Green spade piggyback connector on to pin on coil where stock black wire was installed, reinstall black wire on to piggyback connector on coil

**NOTICE**

**Care and Cleaning:** Do not use abrasive cleaners; wash with mild soap and warm water.

**Please check / adjust all screws in regular intervals.**

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