



## Assembly Instructions

Description:	CB Radio Module Kit CB Antenna Kit	Model:	Vulcan 1700 Vaquero
Part-Number:	K10400-043 K10400-044	Approximate Assembly Time:	1.5 hours

**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.	-	CB Module	1	<ul style="list-style-type: none"> <li>▪ Socket Driver</li> <li>▪ 5 mm socket</li> <li>▪ 4 mm socket</li> <li>▪ 10 mm socket</li> <li>▪ Socket driver extension</li> <li>▪ Drill Motor with 3/4" hole saw or drill bit</li> <li>▪ Tape measure and marking pen</li> </ul>
2.	-	Upper Mounting Bracket	1	
3.	-	M6 x 30 hex head screws	2	
4.	-	Large grommet	1	
5.	-	M6 x 16 hex head screws	2	
6.	-	6" cable ties	8	
7.	-	Lower Support Bracket	1	
8.	-	Antenna Bracket	1	Provided in K10400-044 Antenna Kit
9.	-	Antenna Base Assembly	1	Provided in K10400-044 Antenna Kit
10.	-	Antenna Cable	1	Provided in K10400-044 Antenna Kit
11.	-	M6 x 15 hex socket screws	2	Provided in K10400-044 Antenna Kit
12.	-	Antenna Mast	1	Provided in K10400-044 Antenna Kit
13.	-	Lock Washer	1	Provided in K10400-044 Antenna Kit <b>add all hardware</b>
14.	-	Edge molding	1	Provided in K10400-044 Antenna Kit

15.	-	Small Grommet	1	Provided in K10400-044 Antenna Kit

## Installation Instructions

### NOTE

*If XM Radio is also installed, it is best to be added at the same time as the CB. Refer to the XM Radio installation instructions for combined CB/XM module installation procedures.*

*Do not cut or modify the CB antenna cable as the length is designed to optimize CB radio performance.*

### Installation Preparation

#### **Parts Removal**

Set motorcycle securely on side stand on level ground. Switch off ignition and remove key.

Refer to Vulcan 1700 Vaquero Service Manual and remove the seat, right saddlebag, right strut cover and fairing. Remove the fuel tank mounting bolts and lift the tank to expose the frame.

### NOTE

*Store the removed parts in a safe place away from the work area.*

#### **Install CB Module**

- Remove the two upper screws securing the OE radio and set aside (they will be re-used). Remove the two upper center fairing mounting nuts and set aside (they will be re-used) Install the upper mounting bracket at the two points as shown in **photo A** using the two original 6 x 20 mm screws. Tighten the screws but do not overtighten.

### NOTE

- *The 6 x 30 screws are long enough for installation of both CB and XM Radio modules. If XM Radio is already installed, replace the original 6 x 20 mm screws with the 6 x 30 mm screws provided in this CB Radio Kit to install both modules.*

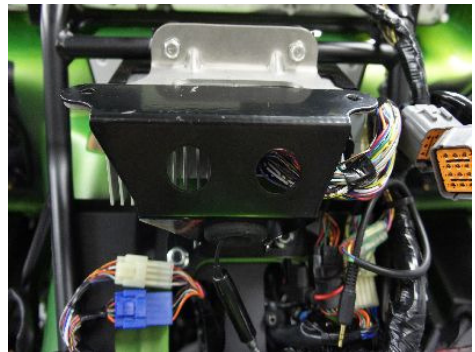
- Disconnect the OE radio AM/FM antenna cable
- Install provided large grommet onto large hole of lower support bracket and feed antenna cable through this grommeted hole, then reconnect the antenna cable.
- Position lower support bracket onto upper mounting bracket and align lower mounting point holes onto fairing bracket studs. Reinstall nuts but do not tighten at this time. Note that the lower support bracket sits on top of the upper mounting bracket. (**photo B**).
- Mount the CB Module onto the stacked lower support and upper mounting brackets as shown in **photo C** using the two supplied 6 x 16 mm screws. Tighten to 5.9-7.8 N.m. (52-69 in. lb.) NOT FT LB. Securely tighten upper center fairing mounting nuts but do not overtighten.

- Find the matching multi-pin connector at the left side of the

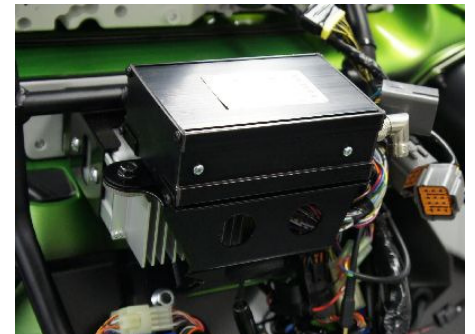
**Photo A**



**Photo B**



**Photo C**



radio and connect to the CB Module connector. Press the connectors together firmly to engage the waterproof seals. If the Kawasaki Genuine Accessory XM Radio will also be installed, the K10400-042 Radio Splitter Cable (sold separately) will be required and should be installed at the time of XM module installation, then proceed with CB installation instructions. See **photo D** for combined CB and XM module installation.

- Wrap the **(OE radio)** wire bundle 3 times with electrical tape at the point where it may contact the left edge of the CB module mounting bracket.

### **Install Antenna Assembly**

The K10400-044 Vulcan Vaquero CB Antenna Kit (sold separately) is required to complete the CB Radio installation.

- Connect the threaded end of the CB antenna cable to the right angle fitting on the CB Module and firmly hand tighten. Ensure that the right angle fitting is also tight at the module.
- Route the other end of the CB antenna cable along the left side fairing bracket, following the routing of the AM/FM antenna cable to the rear of the battery cover. Continue to route the cable behind the right saddlebag support.
- **On right strut cover, measure 140 mm (5 ½") up from the bottom rear edge and mark a drilling point centered on the flat area as shown in photos E & F. Carefully drill a ¾" hole with a hole saw or drill bit, then remove any burrs before installing the provided grommet.**
- Using rough sandpaper, remove the paint on the antenna mounting points as shown in **photo (E) F**. It is important to have bare metal to achieve the proper ground for the CB antenna.
- Remove nuts, washer, white plastic spacer and bright metal packing plate from the antenna base and discard the packing plate. Insert the antenna base with rubber gasket onto the back side of the antenna bracket. Install white spacer on top thread post. Install a supplied washer and nut to both the upper and lower thread posts and tighten. Install edge molding on angled edge as shown in **photo G**.
- Remove backing and apply clear tape on both inner and outer side of antenna bracket in the area shown in **photo H. (hard to see location in photo)**
- Feed the antenna cable through the grommet from underneath and mount the ring terminals to the antenna posts as shown in **photo I**. The ring terminal with the white band should be installed on the lower post. Secure ring terminals with supplied lock washers and nuts. Tighten both nuts, making sure that the ring terminals do not change position from what is shown in photo **(I)** x5.
- Install antenna assembly onto saddlebag support mounting points using two supplied 6 x 15 mm screws. Tighten to 5.9-7.8 N.m. (52-69 in. lb.) NOT ft. Lb.
- **(Using supplied cable ties.)** Secure the antenna cable to the underside of the right saddlebag support tubing in the areas

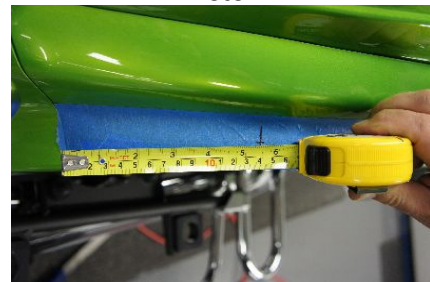
**Photo D**



**Photo E**



**Photo F**



**Photo G**



**Photo H**



indicated in **photo J**. Ensure that the antenna cable does not contact any sharp bracket edges. Route the antenna cable behind the battery and tool compartment and wire tie as shown in **photo K**. Remove any cable slack by carefully pulling toward the radio end and secure any excess cable to the front of the lower support bracket with provided ties.

- Apply plastic-safe thread locking compound (such as Loctite 425) to threads of antenna mast and install with lock washer and tighten to 5.9-7.8 N.m. (52-69 in. lb). NOT ft. lb.

#### NOTE

- Do not use any other type of thread locking compound on the antenna mast threads as this may damage the plastic base.
- Switch the ignition to ACC and turn the radio on, then follow the Owner's Manual to select the "CB on" function. The CB Channel in the lower left corner of the radio dash display should show the selected CB channel number. If the channel number does not show, check all connections and the accessory fuse. After proper CB operation is confirmed, switch off the ignition.

#### Re-Install Removed Parts

- **(If Sirius XM Radio is to be installed, refer to K10400-047 installation instructions.)** If only CB is to be installed, refer to Vulcan 1700 Vaquero Service Manual for installation of the fairing and all other removed parts. Install seat and confirm that the seat is firmly latched.

#### NOTE

- Wipe the CB antenna clean with soft damp cloth. Don't **Do not** use harsh abrasives cleaners. The CB Module and connectors are water resistant for normal inclement riding conditions only. Do not direct water at any component.
- Use of CB Radio may not be legal in all States and Provinces. Check your local laws before purchasing or using this CB Radio.
- Kawasaki Genuine Accessory headsets are required to use this CB Radio and are sold separately.
- For rider, order K10400-032 Helmet Speakers, K10400-027 Rider Comm Cable and K10400-045 Headset Connection Kit.
- For passenger, order K10400-035 Headset Adaptor Cable and K10400-028 Passenger Comm Kit.

Photo I

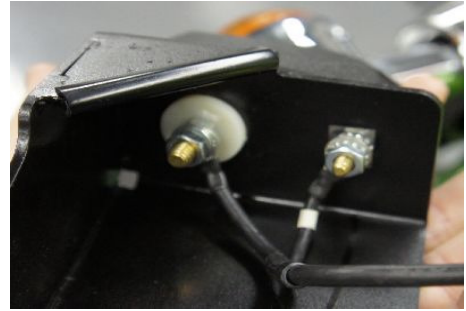


Photo J



Photo K



Please check / adjust all screws in regular intervals.

