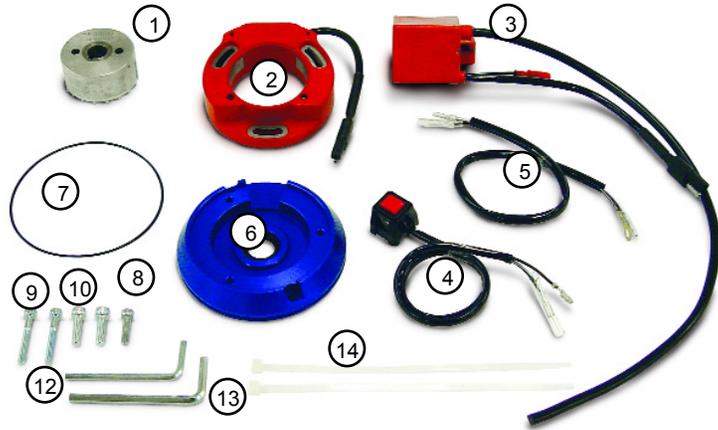




401 South Grand Ave., Santa Ana, CA 92705 USA
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Mfg: Takegawa **Make:** Honda XR50R
Year: All
Product: Racing Ignition System (Part # 010-1-02-051)



Parts List

- 1) Rotor (qty. 1)
- 2) Stator (qty. 1)
- 3) Ignition Coil (qty. 1)
- 4) Kill Switch (qty. 1)
- 5) Sub Cord (qty. 1)
- 6) Base Plate (qty. 1)
- 7) O-Ring (qty. 1, should be preinstalled in base plate)
- 8) 5mm x 20mm Bolt (qty. 1)
- 9) 5mm x 35mm Bolt (qty. 2)
- 10) 6mm x 20mm Bolt (qty. 2)
- 11) N/A
- 12) 4mm Hex Wrench (qty. 1)
- 13) 5mm Hex Wrench (qty. 1)
- 14) 200mm Cable Ties (qty. 2)



Installed Kit Stator

Warranty

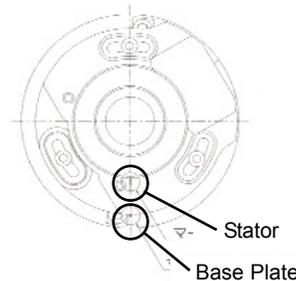
Warranty
Two Brothers Racing products are intended for closed course competition purposes only, and therefore are sold "as is" without warranty. Two Brothers Racing specifically disclaims any warranties of merchantability or fitness for a particular purpose and disclaims all responsibility for consequential and incidental damages or any other losses arising from the use of these products or parts.

IMPORTANT - PLEASE READ CAREFULLY

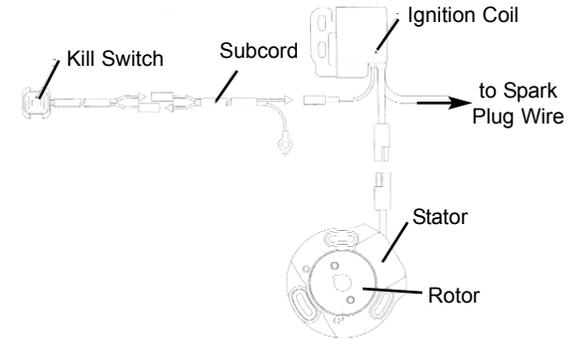
We recommend that this performance item be installed by a qualified motorcycle technician. If you have any doubts as to your ability to install this item, please consult with your local motorcycle dealer. Read all instructions first before starting installation. Make sure the motorcycle and exhaust system are completely cool before starting the installation. Also, make sure the bike is secure on the sidestand or ideally a rear service stand during installation. Be sure to save all stock components for possible use later.

Installation Instructions

1. Drain engine oil.
2. Remove the seat, sidepanel and fuel tank.
3. Remove the left sidecover.
4. Remove the flywheel nut (14mm thread) and flywheel (you will need a flywheel puller, TBR Part # 033-9-01-03 or equivalent).
5. Remove the magnet assembly and wiring harness, you will not be re-using ANY of the stock wiring except for the spark plug cap.
6. Remove the 2 philips head screws on the stock baseplate and remove the baseplate. These screws can sometimes be very tight so be careful not to strip the heads.
7. Make sure the O-Ring is installed in the base plate and coat the O-Ring with brease, also grease the seal that will slide over the crankshaft.
8. Install the new baseplate as shown using the supplied 6mm x 20mm bolts and torque to 7ft lbs. The notched area faces up and points at the notch in the side of the crankcase. This notch is where the wire will go in between.
9. Install the stator using the supplied 2 5mm x 35mm and 1 5mm x 20mm bolts and torque to 4ft lbs. Align the mark on the stator with the mark on the baseplate before tightening.



10. Install the rotor and tighten with the stock 14mm headed screw and washer, torque to 31 ft lbs.
11. Follow the wiring diagram and route the wires and install the ignition coil and kill switch. Wire as our pictures shows. You will have to trim the spark plug wire with a pair sharp wire cutters. Be carefull and don't cut to much, you can trim more if it's to long (measure twice, cut once). Remove the stock spark plug cap and install it into the new wire.



12. You will use the stock hardware to fasten the ignition coil and groundwires. All the wiring should be neatly routed and secured, 2 cable ties are included but you may wish to use more.
13. Before you go any further check for spark by putting a spark plug in the plug cap and cranking the engine over while holding the spark plug against the cylinder head. If you don't have spark re-check your wiring and make sure that you followed the diagram properly.
14. If you have spark your done. Be sure to refill the engine the with oil and reassemble the bike.
15. Double check your work before you start the bike.



Installed Kit Ignition Coil