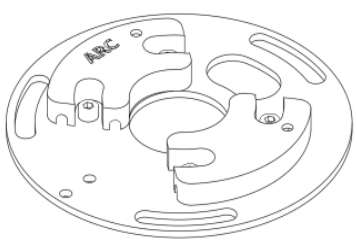
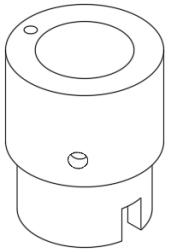
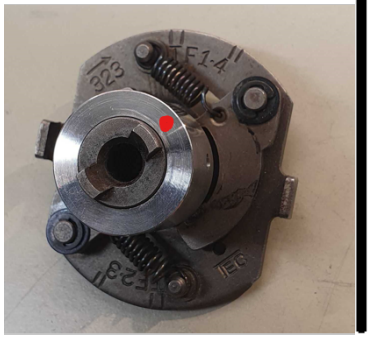
ARC is a modern electronic ignition system replacing your original point breakers. It's designed to be maintenance free and to provide a more accurate ignition than traditional systems. Designed for OEM coils by retaining the original dwelltime. The system uses the latest high quality semi-conductors from Japan and USA. Designed, assembled and tested in Sweden to ensure the highest quality. We aim to give our customers the best experience.

- Ignition module plate
- Advance rotor unit

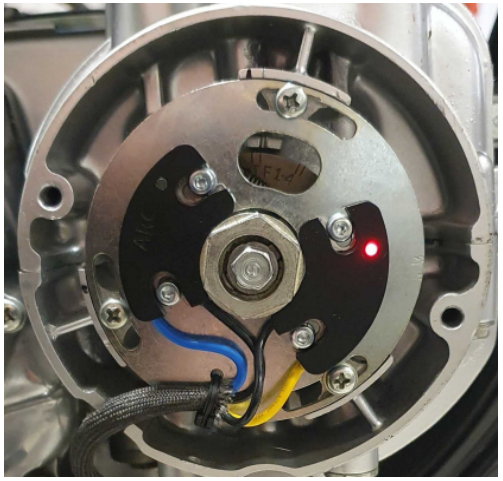




1) Follow the wires from the point cover and disconnect the blue and yellow cables.
2) Remove the points cover. Loosen the 10mm (nut: cb750, bolt: cb500) and hex washer.
3) Remove the three screws holding the points plate, removing it and the advance assembly
4) Remove the points cam from the advance assembly by twisting and pulling. If there is a washer on the bottom, leave it in place. Before fitting the new aluminum rotor be sure to lubricate the shaft with oil.
5) Take note of the red dot on your new Arc rotor, align it towards the T1-4 mark on the spark advance assembly. (This part can be mounted 180° wrong and will cause incorrect spark order) Make sure the rotor moves freely on your shaft while twisting it back and forth. Some 550 and 750 models may have a small pin protruding from the 1-4 side of the advance assembly shaft. Remove this pin by gently tapping its side with a screwdriver and hammer.



6) Align the advance assembly with the small pinhole in the crankshaft and fit the new ignition plate over it, retighten the three screws loosened earlier.
7) Reinstall the hex washer and tighten the 10mm nut or bolt, ensure that the rotor moves freely and no parts are locking up.
8) Route the cables in the same manner as the previously removed points. Disconnect the black wire that connects the rear brake switch (12V) and connect the black wire from your Arc system. For your safety, make sure to not connect the blue and yellow wires at this point or make sure that the kill switch is engaged before proceeding.



9) Turn on the main ignition switch. At Least one of the two built-in timing lights should be lit at this point.
10) Left module fires cylinders 1-4, the right module fires cylinders 2-3.
11) Rotate the crankshaft CLOCKWISE by using a 23mm wrench until the “F 1-4" is aligned with the mark on the crankcase. Rotate slowly and watch for the timing LED to go off, this is when a spark would occur.
12) Adjust the base plate or the module until the light goes out when the two markings match. make sure to only rotate CLOCKWISE
13) Repeat the above steps for the right module 2-3 until satisfactory.
14) Connect the blue and yellow wires. Tighten all screws, double check connections. Well Done!

ARC IGNITION SYSTEMS

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