

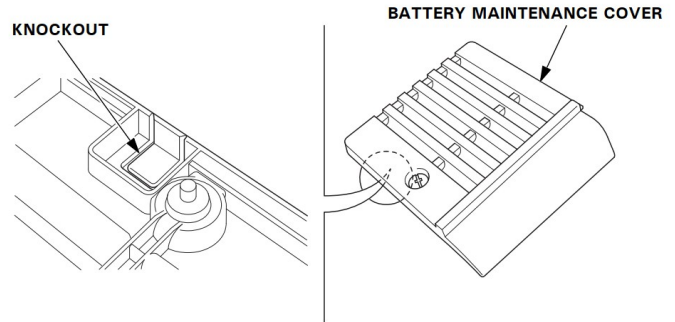
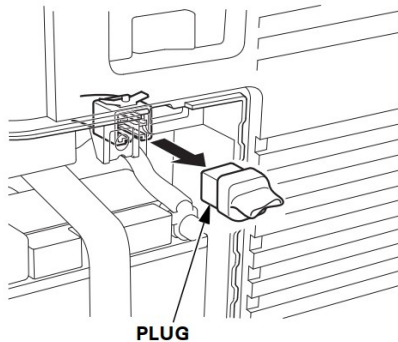
## DESCRIPTION

The Model AECM104FBSL is an Automatic Engine Control Module (controller) designed to automatically or manually start and stop the Honda EU70is / EU7000is engine. The controller has 4 automatic starting attempts. Should the controller run out of starting attempts and the engine couldn't start, the controller will indicate this failure by intermittent sound. Any other unexpected engine shutdown is indicated by a continuous sound. To reset the controller back to working mode: turn the wired switch to Off position or, if the controller was initially started from the key fob: press button "B". Automatic wired operation of the module is via ordinary volt-free maintained type Off-On switch connected to the 2 pole spring wire quick connector. This wired connection can be also used to start and stop the engine from the ATS panel volt-free control switch. Remote wireless control of the module is also possible from the key fob buttons: "A" button-start and "B" button-stop. The key fob is an optional device and can be ordered from the "Extra Items/Features" section. The number of the key fobs can be selected during checkout. The key fob may come without battery fitted, please fit your own battery.

## Automatic Engine Control Module installation

1. Remove the battery maintenance cover
2. Remove the plug from the connector  
\*\*\*Do not discard the plug. The plug should be installed back into the connector when the controller is removed.

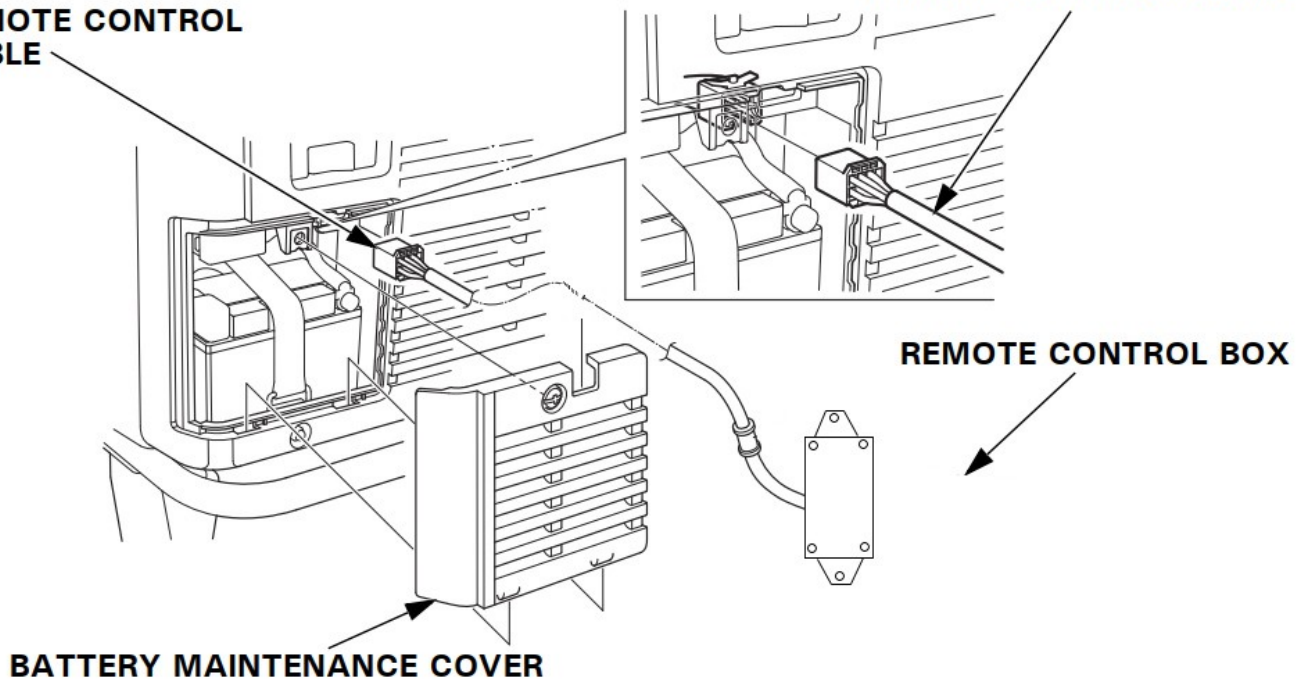
3. View the back of the battery maintenance cover and locate the knockout near the top centre of the cover. Carefully remove the knockout.



4. Pass the controller cable through the knockout and plug the cable to the connector.
5. Feed back the 2 core remote start cable through the knockout and install the battery maintenance cover.

## REMOTE CONTROL CABLE

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6. Turn the main switch to ON position. This will make your Honda generator ready to start from the auto start control module.

## Specification

DC Supply: 12 VDC (generator battery)  
 Max. Standby Current: 9.8 mA @ 12 V  
 Number of attempts: 4  
 Pause between each automatic attempt: 10sec  
 Crank duration: 3-3-4-5sec  
 Enclosure dimensions: 85x58x33mm  
 Length of cable: 2m  
 Operating Temperature Range: -30 to +70°C.

**Note:** the controller can be re-configured to start the engine after 10sec delay. This function may be required when the controller is operated from the ATS panel/inverter relay automatically. 10 sec start delay is used in combination with an ATS panel to prevent multiple short start-stop commands coming from the ATS panel while the mains unstable during blackout. To set up 10sec start delay: open the controller cover and locate the red dip switch (S-DELAY). Use your finger to move the dip switch 1 to ON position, then replace the cover and tighten screws. In this mode the controller will produce an intermittent sound accompaniment prior to each starting attempt during 10sec delay. Use a trickle charger 24/7. Keep the starting battery fully charged.

