EL-PAS *e*-Cruise II

Installation instructions for
Honda Accord all models Production 2008 >

LP

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Before installation.

To make the installationen easier, the complete installation instruction should be read through, before the installation is started.

This installation instruction, contains information, how to install the E-Cruise, which is not a Do-It-Yourself job.
Modern cars are equipped with electronic, which can be costly damaged by inappropriate treatment.

Lindgaard · Pedersen A/S can not be held responsible, for any error caused by wrong installation.

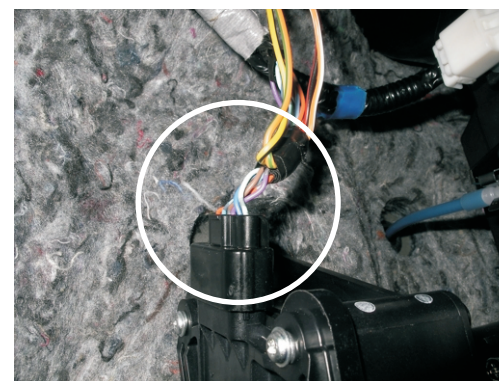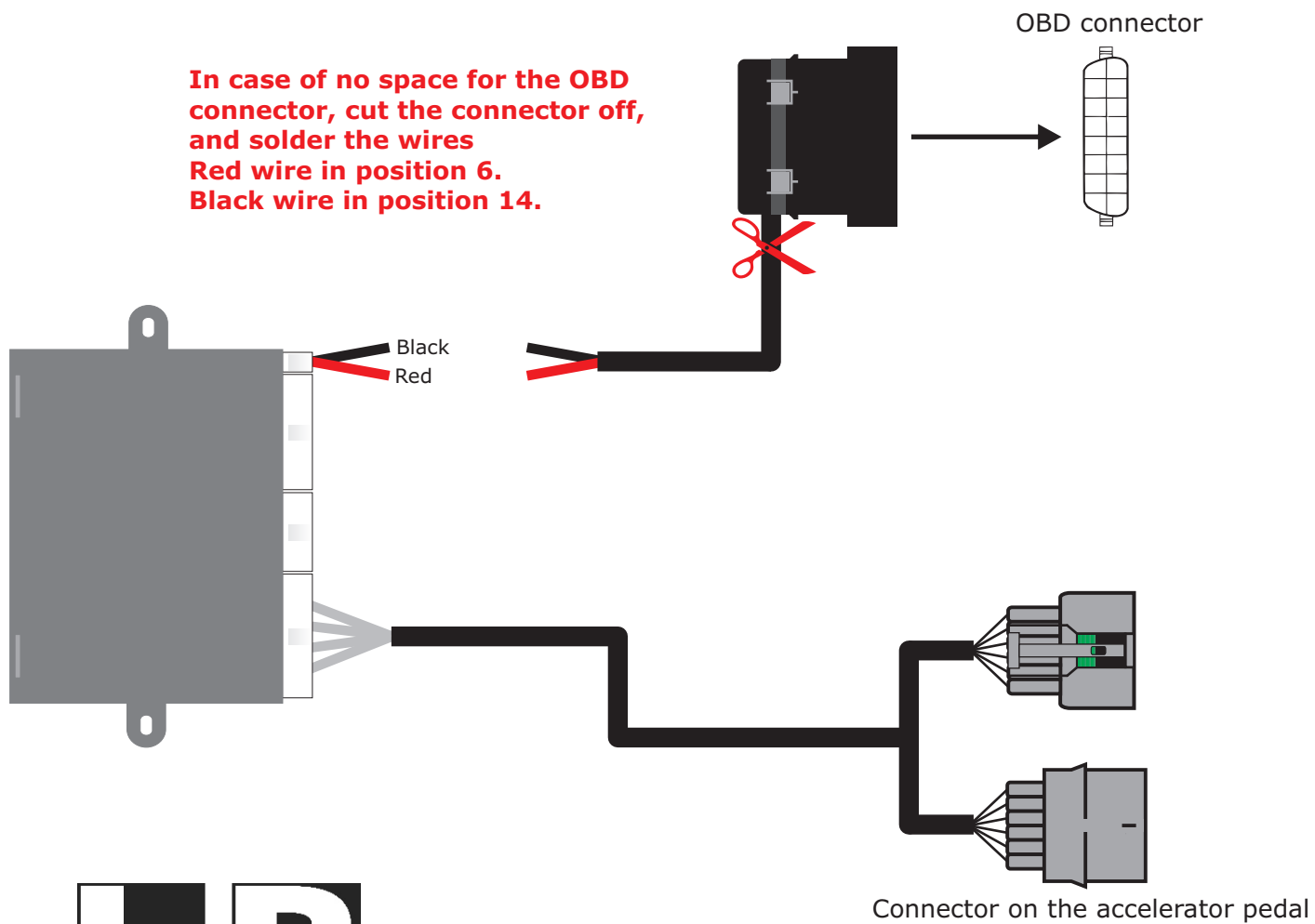<u>Check that all the parts are included in the kit.</u>
1 pcs.   Unit.
1 pcs.   14-p connector.
1 pcs.   12-p connector.
1 pcs.   2-p connector for OBD.
1 pcs.   Clutch switch.
5 pcs.   Cableties.
1 pcs.   Installation guide.
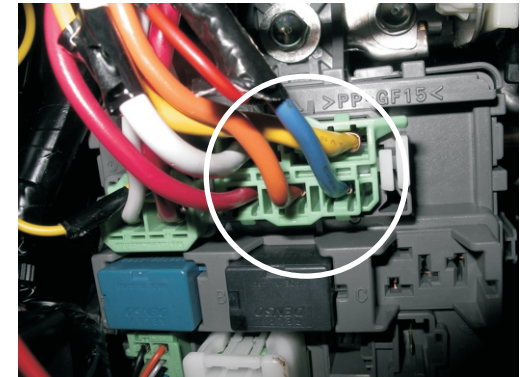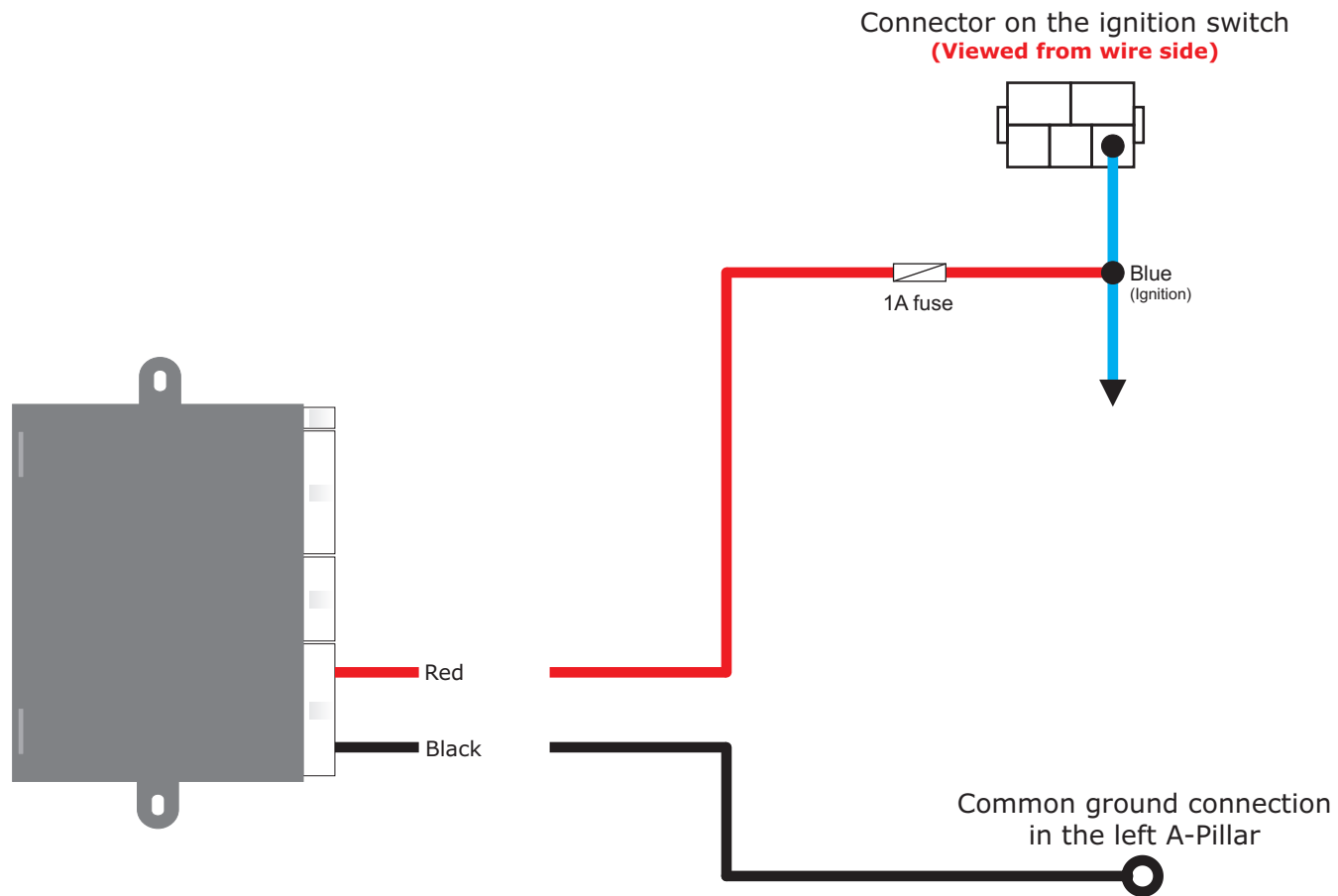1 pcs.   Owners manual.

<u>Some good advice.</u>

· Always disconnect the negativ cable from the battery, before installing.

· Always use the enclosed installation instruction for installing the E-Cruise.

· The rev. number on the unitlabel and the installation guide must be the same.

· Be aware that eg. radio code might has to be typed in.

· Find a location to install the unit and control switch.

· If any wire(s) left, then cut off and insulate.

· Only use multimeter to measure.

· Always drive the car for a complete test, before assemble the car.

· Flying lead(s) must be soldered.

· All wire connections are viewed from wire side.

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OBD connector

**In case of no space for the OBD
connector, cut the connector off,
and solder the wires
Red wire in position 6.
Black wire in position 14.**

Black
Red

Connector on the accelerator pedal

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1603059 Rev. 2.0

Connector on the ignition switch
(Viewed from wire side)

1A fuse

Blue
(Ignition)

Red

Black

Common ground connection
in the left A-Pillar

1603059 Rev. 2.0

Aftermarket clutch switch
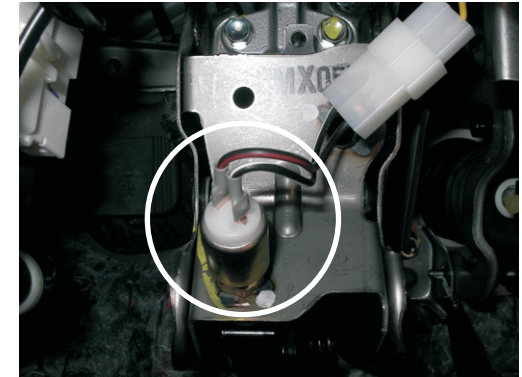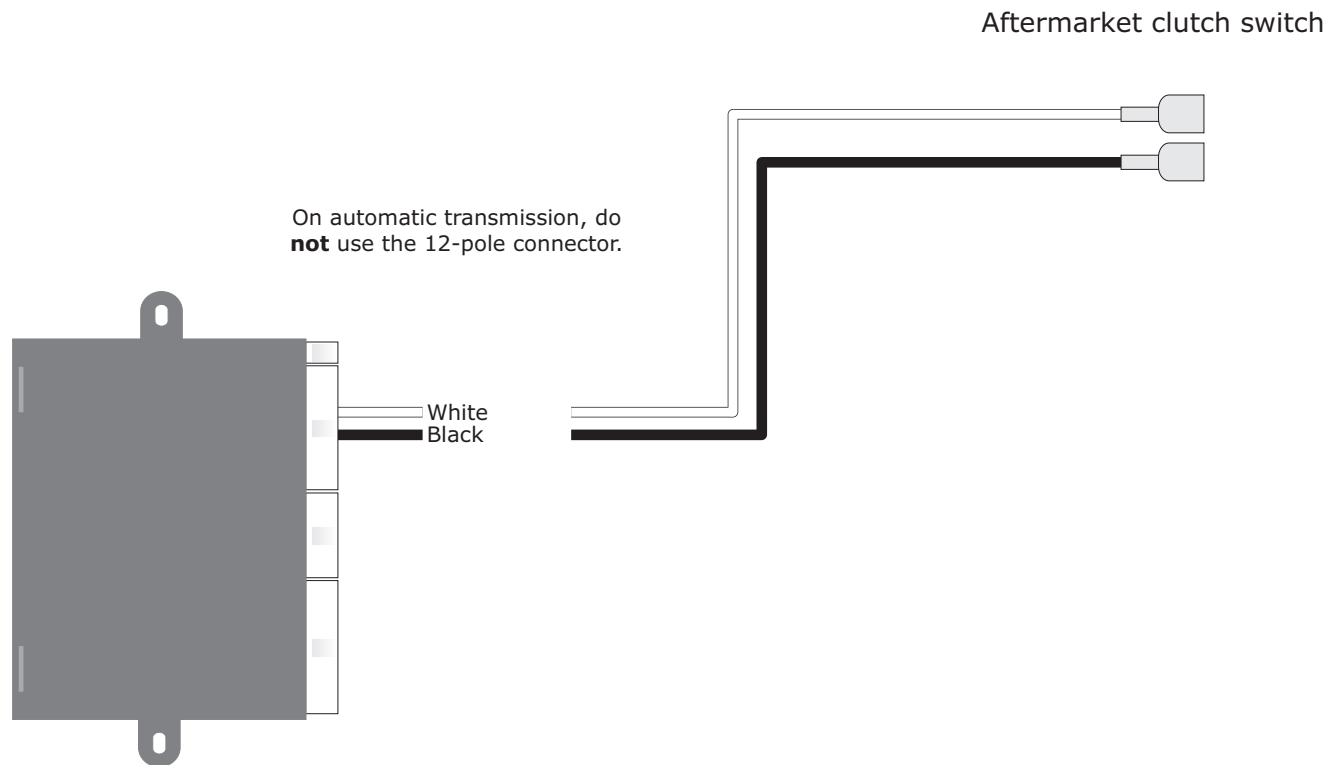
Remove the bolt and mount the enclosed clutch switch in the hole. The clutch switch must be placed on the same level as the pedal stop.
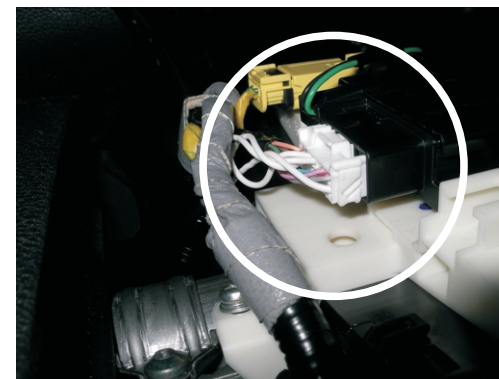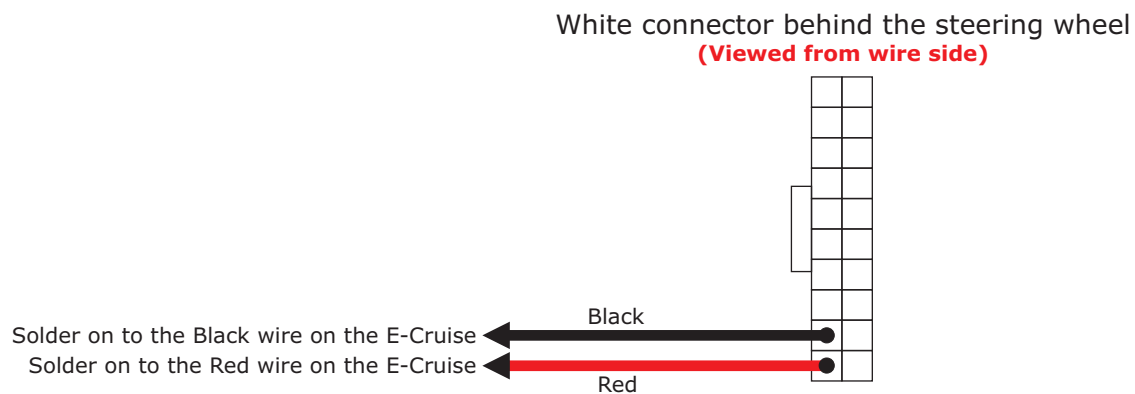
On automatic transmission, do **not** use the 12-pole connector.

White
Black

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White connector behind the airbag
(Viewed from wire side)

Black wire to RF Switch transmitter ◄——— Black
Red wire to RF Switch transmitter ◄——— Red
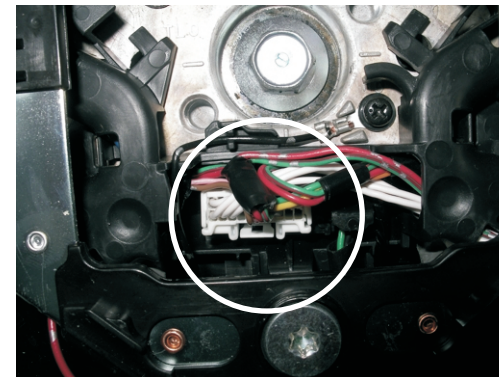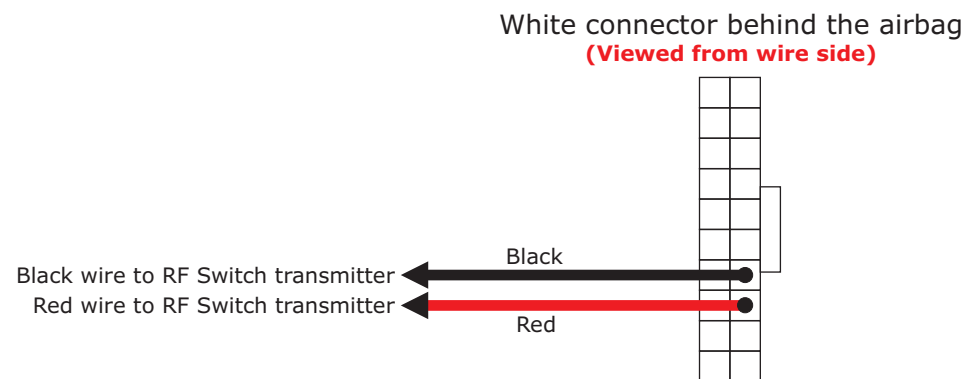
For detailed installation of the RF Switch.
See the instructions in the box with the RF Switch.

White connector behind the steering wheel
(Viewed from wire side)

Solder on to the Black wire on the E-Cruise ◄——— Black
Solder on to the Red wire on the E-Cruise ◄——— Red

Trouble shooting guide.

Diagnostic mode for E-Cruise II

The E-cruise II module contains a diagnostic mode, which enables the dealer/installer to verify all connections and signals.
The signals can be tested and viewed via a 3-color test LED, located on the back of the E-Cruise II unit, beside a small white connector.
To enter the Diagnostic mode, follow this procedure carefully. Do not activate brake, clutch or accelerator pedal while doing it.
You have approx. 2 seconds between activation of the different functions, to enter Diagnostic mode.

Enable Diagnostic mode:

☞ Put ignition on the vehicle.
☞ Within 2 seconds, press and hold the ON function.
☞ Wait until test LED lights up in RED color, and then release ON function.
☞ Press and hold SET function. The test LED lights up in YELLOW color.
☞ Release SET function, and press ACC/RES function. The test LED will flash in all 3 colors, provided that all inputs are not activated. Othervise the test LED will light up red.
☞ Diagnostic mode has now been entered.

Test procedures:

Enter test 1 - Brake function.
1. Activate RES briefly. Test LED will flash yellow 1 time.
2. If brake is on CAN, test LED lights up Red, and changes to green when pedal is depressed.
3. If both brake wires are installed correctly, the test LED will light up green.
4. Hot side of brake is defective = test LED lights up red.
5. Cold side of brake is defective = test LED lights up Yellow.
6. Both sides of brake defective = test LED flashes all 3 colors.
7. When brake pedal is depressed, the test LED lights up yellow.

Enter test 2 - Clutch function.
1. Activate RES briefly. Test LED will flash yellow 2 times.
2. If clutch is on CAN, test LED lights up Red, and changes to green when pedal is depressed.
3. If clutch wires are installed correctly, the test LED lights up green.
4. If clutch is defective, the test LED lights up red.
5. When clutch pedal is depressed, the test LED lights up red.

Enter test 3 - Accelerator pedal function (the engine must not run).
1. Activate RES briefly. Test LED will flash yellow 3 times.
2. The test LED will slowly flash red/green.
3. Depressing the accelerator pedal will increase the freq. of the flashing.

Enter test 4 - VSS function (the engine must be running).
1. Activate RES briefly. Test LED will flash yellow 4 times.
2. If VSS is on CAN, the test LED will flash green if correct ID is received.
3. If VSS is analog, the test LED will flash green when vehicle is moved.

Enter test 5 - TACHO function (the engine must be running).
1. Activate RES briefly. Test LED will flash yellow 5 times.
2. If TACHO is on CAN, the test LED will flash green if correct ID is received.
3. If TACHO is analog, the test LED will flash green when RPM is raised.

Enter test 6 - Setup to Automatic gear.
1. Activate RES briefly. Test LED will flash yellow 6 times. (Skip test, if car is manual gear).
2. Activate and hold down the brake pedal.
3. Activate SET briefly = test LED lights up red.
4. Activate SET briefly again = test LED lights up yellow. E-Cruise II is set for automat gear.
   If this function is activated by mistake. The test procedure must be entered from start.
1. Activate and hold down the brake pedal.
2. Activate SET briefly = test LED lights up green.
3. Activate SET briefly again = test LED lights up yellow. E-Cruise II is set for manual gear.

Enter test 7 - Control lever functions.
1. Activate RES briefly. Test LED will flash yellow 7 times.
2. Press ON function = test LED lights up green   (RF Switch and LP switch)
   Press ON function = test LED lights up red   (OE switch and Rostra switch)
3. Press SET/- function = test LED lights up yellow.
4. Press RESUME/+ function = test LED lights up green.
5. Press CANCEL function = test LED lights up green.   (No function on LP & Rostra switch)
6. Press OFF function = test LED lights up red.