Caution: If not experienced with vehicle wiring we recommend all work should be carried out by a qualified Automotive Electrician.

When fitting the HID kit always observe safe work practices. Please note during operation the HID kit produces high voltages that can be dangerous. When working on the HID kit, power must be disconnected at all times.

HID lighting is approved for off-road use only. Please check on your state legislation before fitting to your vehicle.

Fitting an HID kit to a vehicle:

Obtain access to the original halogen vehicle light globes and remove. Replace globes with HID globes.

It is recommended that you refit any original rubber boots/seals around the HID globe. The rubber grommet on the bulb harness may have to be removed, or a hole may have to be cut and the harness grommet fitted depending on your application.

Locate a suitable place to mount the aluminium ballast and black plastic igniter and mount using double sided tape, silicon or cable ties. Make sure the mounting position is in reach of the bulb so that the cables are free from excessive heat, sharp and/or moving objects.

Connect the bulbs to the aluminium ballast harness making sure the safety clips on the connectors are fully locked.

Locate the small harness that has no large components fitted and connect as follows:

1. Connect the blue cable to the positive supply on the headlight plug making sure a good quality connection is made.
   A good quality crimp connection is suitable.
2. Connect the black cable to the negative supply on the headlight plug making sure a good quality connection is made.
   A good quality crimp connection is suitable.
3. Ensure all wires are free and not pinched and you have the colours and polarity all correct.
4. Connect the black two pin plug of the small harness to the red two pin ballast connector making sure the safety clips on the connectors are fully locked.
5. Reconnect your battery and then test lights for operation.
6. If they do not operate check the connection to the headlight plug you may have them connected back to front.

Special note for HB3, HB4 and HB5 installations:
Even though the lamp / ballast connector appears to be mated correctly, some vehicles may have the lamp polarity connection reversed. To rectify this; remove the ballast connection and rotate the plug 180 degrees and re-insert into the ballast socket.

In this case the retaining clip will not secure the connection and it is recommended that a layer of electrical tape be used to secure this connection.

Special note for H9 and H11 installations.
When removing the HID bulb from its protective casing, note that a clear plastic retaining ring needs to be removed. Care must be taken to ensure that the red "O" ring is seated flush with the base of the bulb before being inserting into the lamp.

You are now ready to enjoy the superior lighting performance of Xray HID.