



TOOLS NEEDED: Standard or metric socket set. Depending on the vehicle.
READ FIRST: Most H4 Hi/Low kits are relatively easy to install. Usually removal of the headlight isn't necessary. If removal of the headlight assembly is necessary please refer to your vehicle's owners manual for instructions. Note: We are using a 1997 Toyota 4runner for our install. **ALWAYS START THIS INSTALL FROM THE SIDE OF THE CAR CLOSER TO THE VEHICLE'S BATTERY OR IF THERE IS NO BATTERY IN THE ENGINE BAY USE THE BATTERY CHARGING POINT IN ENGINE BAY, SEE OWNERS MANUAL.**

DIFFICULTY: Easy     Professional Install



Open hood. Looking down from above, locate the OEM H4 bulb.

1



Once you locate the bulb, pull OEM power supply connector firmly towards the rear of the car freeing or unlocking it from the OEM H4 bulb.

2



Your OEM H4 connector will look similar to this once removed. NOTE: Your car may have a rubber weather seal which you may need to be removed.

3



Once the OEM connector is removed, you will need to remove the OEM bulb from the headlight housing. Most vehicles will have a metal retaining clip which you will need to unlock.

4



Pictured is the retaining clip unlocked. Generally you will have to push the clip firmly towards front of car to release it. Please refer to your vehicle's owners manual for instruction on how to remove OEM bulbs.

5



You will need to remove the metal shield from your new H4 HID kit to install the bulb into the OEM headlight housing. This is easily done by twisting metal shield and bulb in opposite directions which will allow the two pieces to separate.

6





Install metal shield into OEM headlight housing. Note the locking tabs are the same as the ones on your OEM bulb, so the metal shield will fit perfectly

7



Once metal shield is installed flush, reinstall the retaining clip locking metal shield securely in the OEM headlight housing.

8



Now that the metal shield is installed, you will need to install your new H4 HID bulb into the metal shield by twisting it back into place.

9



Pictured to the left is the H4 HID bulb fully reassembled and secured into the OEM headlight housing.

10



Now install positive and negative ring terminal on wiring harness to your (+) & (-) on your battery. To do this start with the (+) terminal on your battery, remove terminal nut using specific size socket (nut size may vary depending on the vehicle).

11



NOTE: On vehicles with the battery located in the trunk etc, there will be a battery jump point or common power connector located under the hood in front. Use this power point instead of the battery.



Once the terminal nut is removed you will be able to easily slide on the positive ring terminal on to your battery. (Positive ring terminal is **RED**)

12



Once the positive ring terminal is inserted over the terminal bolt screw the terminal nut back on securely.

13



Now you will need to ground the HID wiring harness. To do so you need to connect the ground ring terminal (Negative ring terminal is **BLACK**). Unbolt the ground wire from your battery to the engine bay (body of the car). Using specific size socket. Bolt size may vary depending on the vehicle.

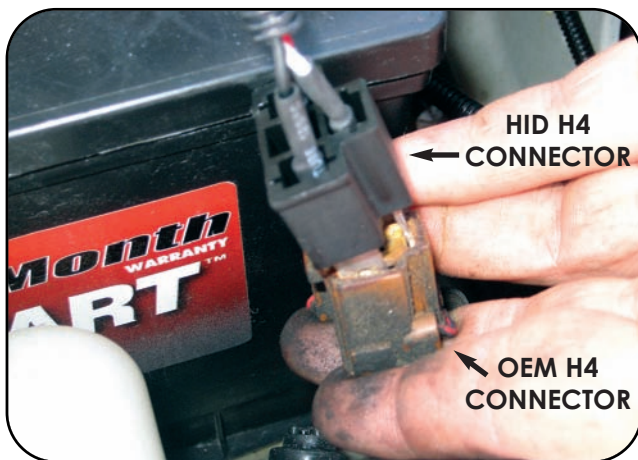
14



NEGATIVE
GROUND RING
TERMINAL

Insert ground ring terminal onto engine bay bolt and re-tighten the bolt.

15



HID H4
CONNECTOR

OEM H4
CONNECTOR

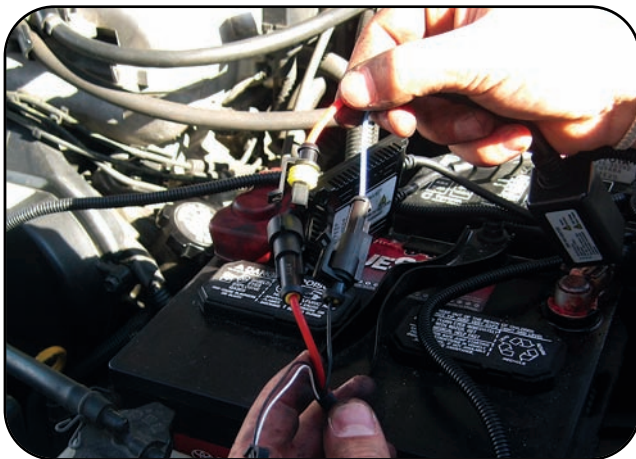
Plug the H4 connector from the HID harness in your female OEM H4 connector.

16



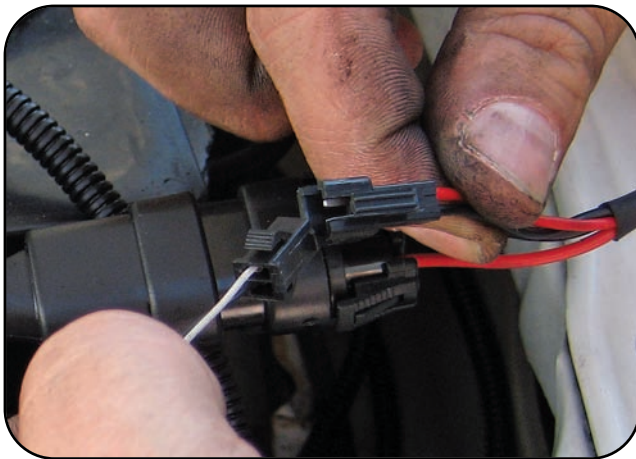
Now that the bulb and positive and negative are connected, you will need to plug in your ballast. Plug the 9006 connector from the HID harness into the ballast.

17



Next, plug in the corresponding AMP connectors from the ballast to the bulb (bulb should already be secured in the OEM headlight housing).

18



Now connect the High/Low function. Simply plug the male end (plug from the HID bulb) into the female end (plug from the hi/low harness).

19



Remember, mount your ballast in a flat, dry, clean location.

20



You are now more than halfway done. You will need to run the 9006 connector from your HID harness to the opposite side of your car. At this point you will need to remove your OEM bulb and replace it with the H4 HID bulb as you did on the opposite side of the car. (If needed please refer to the first 3 pages of this install guide)

21



Now that your wiring has been run to the opposite side of the car, plug the 9006 connector (from harness) into the ballast.

22



Then, plug the corresponding AMP connectors from the H4 HID bulb into the ballast.

23



Finally connect the High/Low function as you did on the other side of the car. Simply plug the male end (plug from the HID bulb) into the female end (plug from the hi/low harness).

24