

## Installation and Removal Tools:

1/4 Inch Drive Ratchet  
1/4 Inch Drive Extension or Universal  
1/4 Inch Drive Extension 10 Inches Long  
1/4 Inch Drive 7mm, 10mm and 13mm Sockets  
T-15 Torx Bit  
Phillips Screwdriver  
5/16 and 1/2 Inch Drill Bit or Unibit  
Drill Motor  
5/64 Inch Allen Head bit  
Center Punch or Scribe

## Removal of Existing Headlights:

1. Park your vehicle (6 to 10 feet) so that your headlight beams shine against a wall. With tape, mark the center of the light beam with an "X" (*figure 1*). Next mark the floor with tape at the side and center of each front wheel and tire. (*figure 2*) This will serve as rough reference for the alignment of your new Max R Headlights®.



Figure 1



Figure 2

2. Raise your corvette in the front and SAFELY support with jack stands also, secure rear tires.
3. Lift headlight covers to an upright position. Reach under each front wheel well (one at a time) squeeze the grey plastic fastener (*figure 3*) at the same time lift headlight assembly plug free from the inner fender well (*figure 4*). Now unplug harness.



Figure 3



Figure 4

4. Remove the (3) phillips screws that hold the plastic trim bezel around each light. Using a T-15 torx bit remove the (4) torx head screws that hold painted headlight lids to light assembly. On the Passenger light assembly behind and under light you will find a square box with (2) plugs going into it. (figure 5) Unplug now.



Figure 5

5. Using a 13mm socket - Remove the three bolts on the outside of the frame rail on each of the light assemblies. Using a 10 inch long 1/4" inch drive extension with a universal swivel and a 10mm socket, remove the three nuts from the inner fender.

6. After the (3) nuts are removed, lift the light assembly forward and up, careful not to scratch the paint. Remove and store.

## Once Headlight Assembly is Removed from your Vehicle:

7. Remove the (3) retaining clip washers from the studs found on the plastic inner fender.

8. Remove bracket with studs from under the wheel well.

9. Using the triangular bracket as a template, hold it to the inside face of the inner wheel well, slide top two studs of the brackets through holes, using a marker, trace around the third lower stud. (figure 6) Once it is marked drill the hole using a 5/16" drill bit or a unibit. (figure 7) this hole and the one directly across from it will serve as your new mounting plate attachment points.



Figure 6



Figure 7

10. Turn to the back of the front bumper beam. Measure down from top of beam 3 inches, make a mark. (Figure 8). Now measure 5/8 inch from the outer edge, at 3 inch mark (Figure 9). Using a unibit or 1/2" inch drill bit, drill a hole in the bumper beam at the center of the two measurements (Figure 10).





Figure 8



Figure 9



Figure 10

11. Using supplied steel fold over nut, slide over the edge of the bumper beam (note: you will have to force foam in beam forward to clear fold over nut, (this will cause no harm.) This will serve as the mounting point for the front of new base plate. (Figure 11)



Figure 11

12. Remove spring and 7mm hex head screw from lower back corner of turn signal assembly on each side of car on inside of bumper (Figure 12), fold inward so you can reach through the opening. (Figure 13). Remove close out panels that tie lower front bumper to inner wheel house. This consists of (6) 7mm hex head screws. (Figure 14) This will allow access to re-mount spring and turn signal mounting screws after Max R Headlights® are installed.



Figure 12



Figure 13



Figure 15



Figure 14

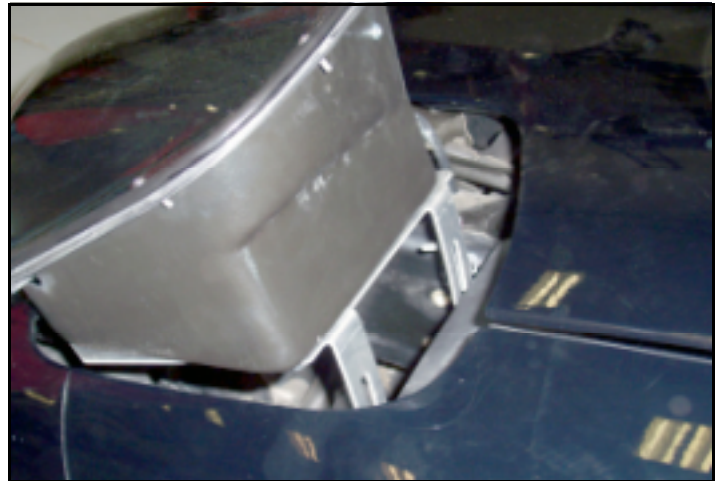


Figure 16

**13.** Tilt Max R Light assembly front down (*Figure 15*). Slide into opening, you will have to flex back mounting tabs so the unit will set into place. (*figure 16*) Once Max R Headlights are in place reach through turn signal opening (*figure 17*) install supplied bolt through front base plate tab into the fold over nut previously installed in the bumper beam. **DO NOT TIGHTEN.** Through the same opening with front wheels turned out hold anchoring strap to back mounting tabs on base plate. Place (2) supplied bolts through holes in inner wheel well through base plate rear mounting tabs and into anchoring strap.

**14.** Once the mounting bolts are in place, position Max R Headlight® assembly and tighten the final (3) bolts.

**15.** Re-Install turn signal mounting screw, spring and closeout panel. Plug in electrical harness.

**Repeat installation procedure for other headlight**



Figure 17

**16.** Finalize headlight adjustment by removing lens and cover to expose light adjustment screws (3). Adjust to preference. Re-Install lens and cover. (note: when re-installing lens and cover it is recommended to use a center punch or scribe to assist in aligning lens and cover into mounting holes on bucket.)