

(MIC1606B-XE2) 'MINI COOPER S' UPPER XE-SERIES LED GRILLE INSTALLATION DETAILS

(MIC1606B-XE2) 'Mini Cooper S' Upper XE-Series LED Grille Kit

Products : MIC1606B-XE2



Install Step #1:

Here we have our project Mini Cooper S ready to receive its new GrillCraft XE-Series LED Grille!



Install Step #2:

With the hood open, remove the four upper clips securing the grille shell to the support with a flat-blade screwdriver.



Install Step #3:

Here's a close-up shot of where to place the tip of the screwdriver to pull the center section of the clip out, releasing it.



Install Step #4:

Once all clips are removed, pull the top section of the grille out to loosen it.



Install Step #5:

Then release the clips on the lower part of the grille shell by squeezing them. Work from one side of the grille to the other.



Install Step #6:

With the grille shell off the vehicle, place it on a sturdy surface to install the new GrillCraft Mesh Insert.



Install Step #7:

Place the new insert onto the grille shell and line up the two pieces. You may need to remove the lower grille shell trim if needed.



Install Step #8:

Use a sharp scribe tool to mark the location of the mounting tabs along the grille



Install Step #9:
The top mounting tab will rest on top of the plastic as shown.



Install Step #10:
Using a 3/16" drill bit, drill the necessary mounting holes.



Install Step #11:
Using a 3/16" drill bit, drill the necessary mounting holes.



Install Step #12:
Using a 3/16" drill bit, drill the necessary mounting holes.



Install Step #13:
With the mounting holes drilled, cut the center section from the grille shell. Remember to leave the mounting surface uncut so that the new mesh insert can be installed.



Install Step #14:
The remaining grille shell should look as shown.



Install Step #15:
Place your new insert into the opening and secure it using the hardware provided.



Install Step #16:
Be sure not to strip the screws when tightening.



Install Step #17:

The installed mesh insert should look as shown.

**Install Step #19:**

Then mount the light to the grille with the included 13mm Nut, Bolt, and Washers.

**Install Step #21:**

Once the lights are adjusted to your liking, the grille assembly should be ready to install.

**Install Step #23:**

Remove the two 10mm nut & bolt securing the cowls on the left and right side of the car.

**Install Step #25:**

Then remove the windshield wiper from the vehicle.

Install Step #18:

To install the XE-Series LED Light into the grille, mount the included bracket as shown with the included Allen bolts.

**Install Step #20:**

Optional: Using the alignment shims provided will allow you to adjust the light fur downward, simply mount them between the light and grille, then tighten.

**Install Step #22:**

To mount the wiring harness, we need to access the battery and windshield cowl Start by removing the weather stripping on the cowl.

**Install Step #24:**

Flip open the wiper cover and remove the 13mm nut securing the windshield wip

**Install Step #26:**

Remove both, left and right, windshield wipers.

**Install Step #27:**

The left and right side cowl covers should remove with ease.

**Install Step #28:**

With both cowl off, the engine bay should look as so.

**Install Step #29:**

With the wiring harness unwrapped, mount the relay in the center of the cowl at the existing mounting stud behind the windshield wiper linkage.

**Install Step #30:**

Here's an up-close image of how the relay mounts using the included 10mm nut washer.

**Install Step #31:**

To route the light switch into the vehicle, we will utilize the vehicles existing bulkhead grommet. To access, remove the black cover by releasing the three clips using a flat blade screwdriver.

**Install Step #32:**

Make a small slit into the rubber grommet and route the wiring into the interior.

**Install Step #33:**

The two connectors for the lights will run along the driver side of the vehicle parallel to the hood release cable. You may zip-tie the harness to this cable.

**Install Step #34:**

Route the plugs through the opening beside the headlight and through the bump cover.

**Install Step #35:**

Plug the harness and lights together ensuring the connectors are secure then tuck the wiring behind the bumper cover.

**Install Step #36:**

The harness should be tucked as neat as possible, away from any moving components.

**Install Step #37:**

To install the switch, we move to the interior of the vehicle. We'll mount our switch to the plastic trim to the left of the speedometer, but you may mount it wherever accessible to you.

**Install Step #38:**

First, we'll remove the lower knee panel cover below the steering wheel. Remove three T20 Torx screws securing it to the dash assembly.

**Install Step #39:**

Once the hardware is removed, simply pull it away from the dash assembly and it will unclip.

**Install Step #40:**

Note the switch will now be visible through the cowl grommet, be cautious to not or damage the wires.

**Install Step #41:**

On the left side of the dash, remove the small circular cover.

**Install Step #42:**

Then remove the left side dash cover plate.

**Install Step #43:**

The two T20 Torx screws shown in the image will now be accessible to remove.

**Install Step #44:**

Underneath the dash, remove the two T20 Torx screws securing the left side dash trim.

**Install Step #45:**

To access the remaining hardware, you'll need to unclip the piano black interior trim in the image. Simply pull it forward using your hands or a pry tool will work. You do

**Install Step #46:**

You can see the two T20 Torx screws you'll need to remove behind the piano black trim.

not need to remove it completely, as the hardware is accessible with it slightly out of the way



Install Step #47:

Turn the lefthand vent cover to the left and remove the final screw to release the trim piece.



Install Step #48:

Use a 3/4" drill bit (step drill bit works too) to make the mounting hole for the switch



Install Step #49:

The switch is now installed with the optional Switch Extension Harness. You may utilize the Switch Extension Harness if you need extra wiring to mount your switch. Simply match up the wire colors and plug them into the switch, doing them one at a time will help with any confusion as to where the wires go on the switch.



Install Step #50:

Route the wiring through the existing hole in the dash and tuck any wiring out of way of the footwell.



Install Step #51:

Any excess wiring can be tucked away behind this access hole behind the dash, or pulled into the windshield cowl.



Install Step #52:

With the wiring fitted, reinstall the dash trim in reverse of removal.



Install Step #53:

Route the power leads to the battery, and fasten them to the battery posts using the washers provided to secure properly. Reinstall the cowl covers and wiper arms and the install is complete.



Install Step #54:

Here's our GrillCraft Mini Cooper S with our XE-Series LED Lights installed.



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Here's our GrillCraft Mini Cooper S with our XE-Series LED Lights installed.



Install Step #56:

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Install Step #57:
Here's our GrillCraft Mini Cooper S with our XE-Series LED Lights installed.

These installations steps pertain to the following vehicles:

| Year | Make | Model | Submodel | Fitment Notes |
|------|------|--------|----------------------------|---------------|
| 2014 | Mini | Cooper | Clubman | N / A |
| 2014 | Mini | Cooper | Coupe | N / A |
| 2014 | Mini | Cooper | Coupe John Cooper Works | N / A |
| 2014 | Mini | Cooper | Coupe S | N / A |
| 2014 | Mini | Cooper | John Cooper Works Clubman | N / A |
| 2014 | Mini | Cooper | Roadster | N / A |
| 2014 | Mini | Cooper | Roadster John Cooper Works | N / A |
| 2014 | Mini | Cooper | Roadster S | N / A |
| 2014 | Mini | Cooper | S Clubman | N / A |
| 2013 | Mini | Cooper | Clubman | N / A |
| 2013 | Mini | Cooper | Coupe | N / A |
| 2013 | Mini | Cooper | Coupe John Cooper Works | N / A |
| 2013 | Mini | Cooper | Coupe S | N / A |
| 2013 | Mini | Cooper | John Cooper Works | N / A |
| 2013 | Mini | Cooper | John Cooper Works | N / A |
| 2013 | Mini | Cooper | John Cooper Works Clubman | N / A |
| 2013 | Mini | Cooper | Roadster | N / A |
| 2013 | Mini | Cooper | Roadster John Cooper Works | N / A |
| 2013 | Mini | Cooper | Roadster S | N / A |
| 2013 | Mini | Cooper | S | N / A |
| 2013 | Mini | Cooper | S | N / A |
| 2013 | Mini | Cooper | S Clubman | N / A |
| 2012 | Mini | Cooper | Clubman | N / A |
| 2012 | Mini | Cooper | Coupe | N / A |
| 2012 | Mini | Cooper | Coupe John Cooper Works | N / A |
| 2012 | Mini | Cooper | Coupe S | N / A |
| 2012 | Mini | Cooper | John Cooper Works | N / A |
| 2012 | Mini | Cooper | John Cooper Works | N / A |
| 2012 | Mini | Cooper | John Cooper Works Clubman | N / A |
| 2012 | Mini | Cooper | Roadster | N / A |
| 2012 | Mini | Cooper | Roadster John Cooper Works | N / A |

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|------|------|--------|---------------------------|---------------|
| 2012 | Mini | Cooper | Roadster S | N / A |
| 2012 | Mini | Cooper | S | N / A |
| 2012 | Mini | Cooper | S | N / A |
| 2012 | Mini | Cooper | S Clubman | N / A |
| 2011 | Mini | Cooper | Clubman | N / A |
| 2011 | Mini | Cooper | John Cooper Works | N / A |
| 2011 | Mini | Cooper | John Cooper Works | N / A |
| 2011 | Mini | Cooper | John Cooper Works Clubman | N / A |
| 2011 | Mini | Cooper | S | N / A |
| 2011 | Mini | Cooper | S | N / A |
| 2011 | Mini | Cooper | S Clubman | N / A |
| 2010 | Mini | Cooper | Clubman | N / A |
| 2010 | Mini | Cooper | John Cooper Works | N / A |
| 2010 | Mini | Cooper | John Cooper Works | N / A |
| 2010 | Mini | Cooper | S | N / A |
| 2010 | Mini | Cooper | S | N / A |
| 2010 | Mini | Cooper | S Clubman | N / A |
| 2009 | Mini | Cooper | Clubman | N / A |
| 2009 | Mini | Cooper | John Cooper Works | N / A |
| 2009 | Mini | Cooper | John Cooper Works | N / A |
| 2009 | Mini | Cooper | John Cooper Works Clubman | N / A |
| 2009 | Mini | Cooper | S | N / A |
| 2009 | Mini | Cooper | S | N / A |
| 2009 | Mini | Cooper | S Clubman | N / A |
| 2008 | Mini | Cooper | Clubman | N / A |
| 2008 | Mini | Cooper | S | N / A |
| 2008 | Mini | Cooper | S Clubman | N / A |
| 2007 | Mini | Cooper | S | N / A |

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