

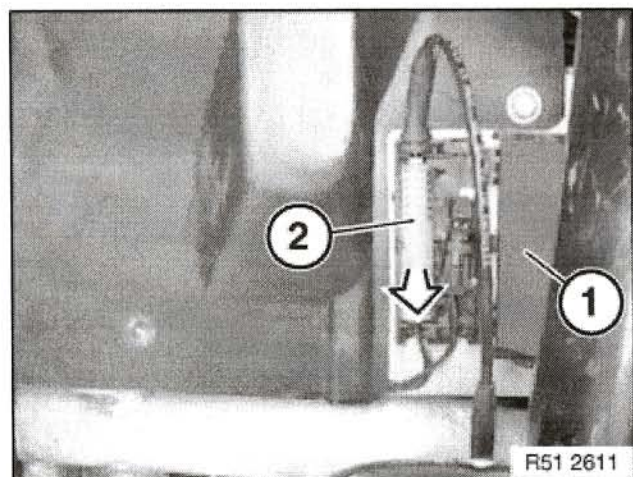
Replacing the headlamps requires removing the front wheels and the wheel liners to access one locking bolt on the lamps.

## 51 71 040 Removing and installing/replacing front left or right wheel arch cover

### Note:

For purposes of clarity, illustration shows front wheel removed.

Front and rear sections of wheel arch cover can be removed separately.

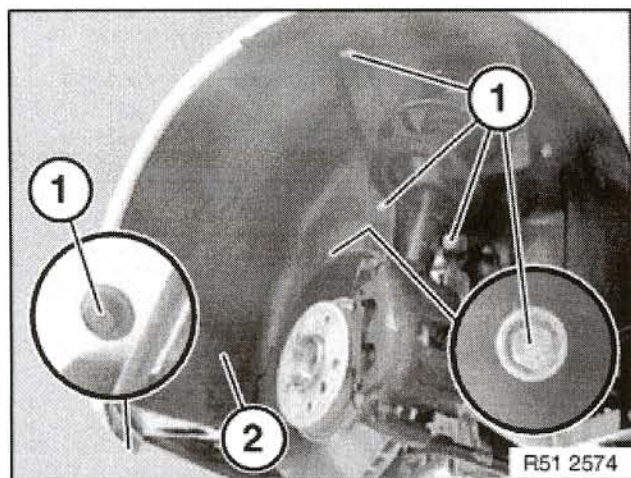


### Front section:

Open cover (1).

Pull out plug connection (2).

I found it easier to just remove this unit from it's box, and not bother with trying to unplug it. It is a simple click in/out piece.



Loosen screws (1).

Disconnect plug connection on temperature sensor (left) and/or on temperature switch for heated windshield spray jets (right).

Remove wheel arch cover (2).

### Replacement:

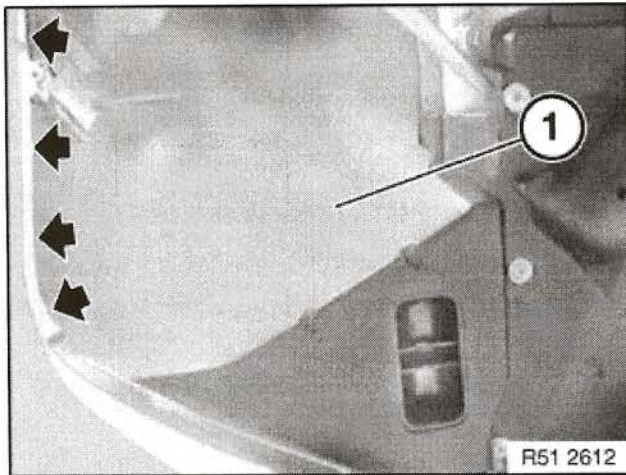
Remove outside temperature sensor (left).

Remove temperature switch for heated windshield spray jets (right).

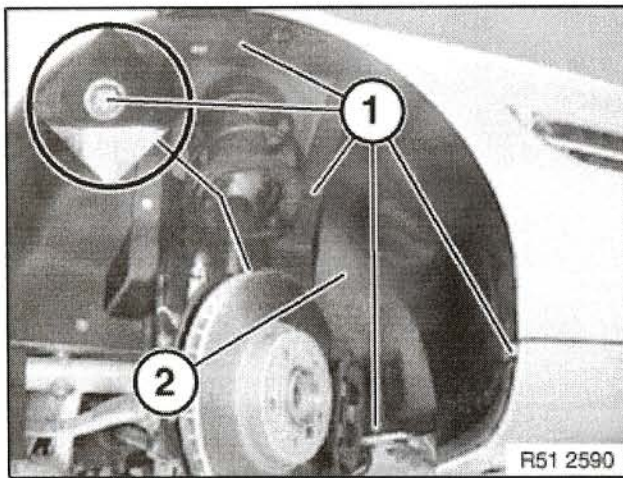
Bolt #1 is out front on the bottom of the painted spoiler on both left and right sides.

### Installation:

Ensure wheel arch cover (1) is correctly seated.



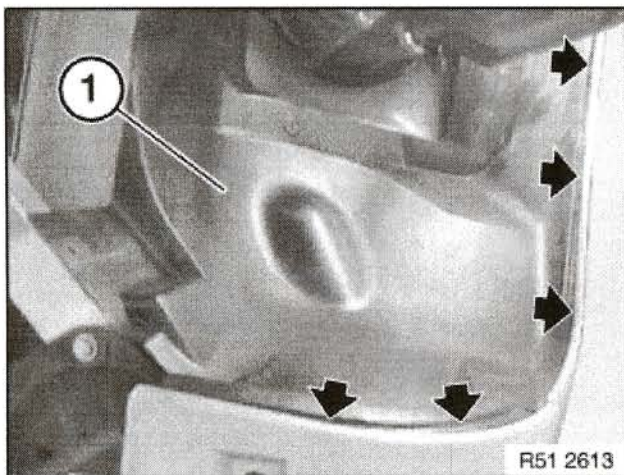
This part is really simple, and takes just a moment to do.



**Rear section:**

Loosen screws (1).

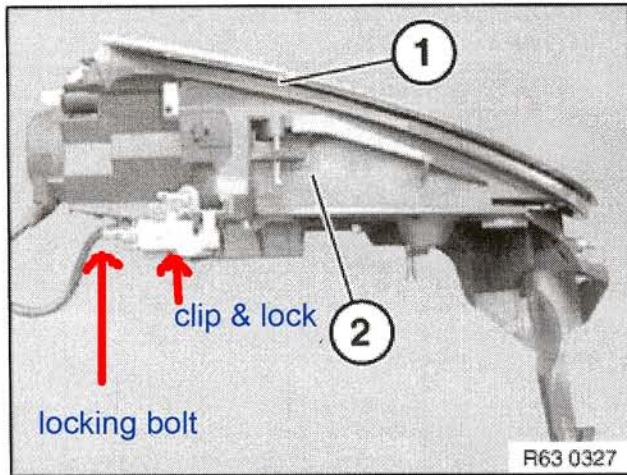
Remove wheel arch cover (2).



**Installation:**

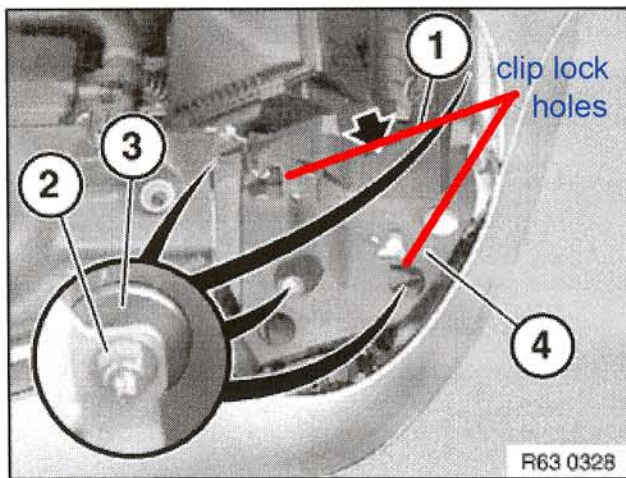
Ensure wheel arch cover (1) is correctly seated.





This illustration shows you the lamp attached to its plastic mounting plate, which BMW call the 'Headlamp Holder' with the washer unit looking outward from the center of the car.

You don't have to touch this part to replace the lamp, it just slides right in, but if you want to adjust the light angle it may be easier without the lamp unit in place. These illustrations give you a clear view of what it sits in.



### **If headlamp holder is damaged:**

Remove jet nozzle of headlight cleaning system.

Unclip Bowden cable (1).

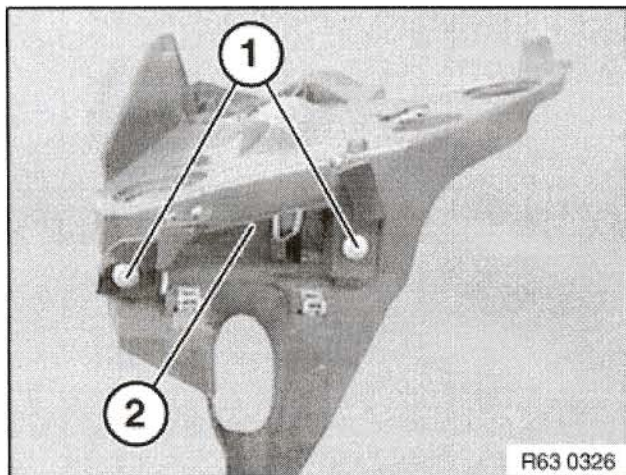
Unscrew nuts (2).

### *Installation:*

Replace nuts (2).

Using knurled nuts (3), align headlamp holder (4) to body.

Remove headlamp holder (4) upwards.

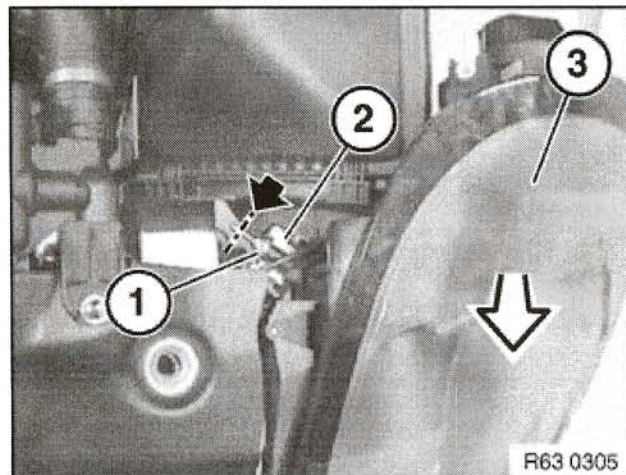
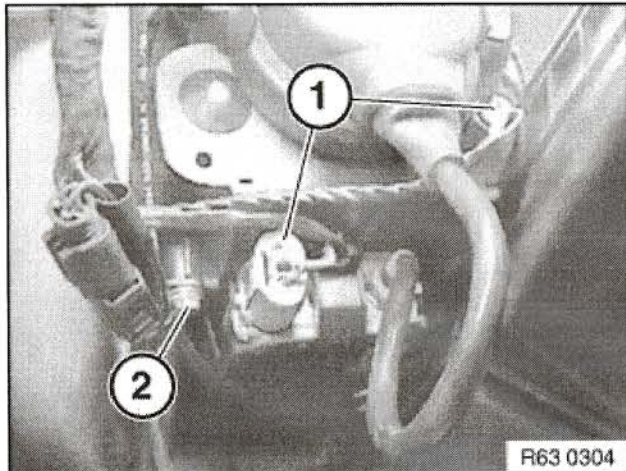


Unscrew nuts (1).

Remove retaining fixture (2).



I have replaced four units now, and suggest that the secondary locking bolt #2 in the top image isn't needed because sliding lock mechanism shown in the lower two illustrations holds the lamps in place with the force of a rabid rotwieler, so is absolutely sufficient. There is no movement at all in the lamp units on my cars using the clip alone.



## 63 12 005 Removing and installing/replacing left headlight

Remove front wheel arch cover (front section).

Remove bulb holder for parking light.

Disconnect plug connections (1).

Unscrew bolt (2).

This bolt is a secondary lock, and IMHO not needed at all - if you leave it out you can replace the lamps without the wheel removal by just using the sliding lock. Those of you who have replaced lamps already will have noticed the new right side lamps locking bolt is so far out of line with the holder that you can't use it anyway without cutting deeply into the structure of the 'Headlamp Holder'

Release nut (1) up to marking.(end of thread)

Slide unlocking mechanism (2) as far as it will go.(nb: it can be very stiff)

Remove headlamp (3) in direction of arrow.

**Installation:**

Adjust headlamp.

**Replacement:**

Detach headlamp (1) from headlamp holder (2).

When you replace the new unit lock it in place with this clip, and see if there is any movement. If it is loose then you must use the underside locking bolt (2) to secure the lamp unit, but if like mine it is rock solid I'd suggest leave off the locking bolt (2).