

## 86-95 Suzuki Samurai Hood Latch & Release Cable (SKU# SEB-HLCK)

### Installation Instructions

**Note:** Suzuki has upgraded both of these parts and they will not work with the hood latches and release cables that came originally on the 86 to 95 Samurai. Consequently, these parts (latch and cable) must be replaced as a set.



**CAUTION:** Safety glasses should be worn at all times when working with vehicles and related tools and equipment.



#### Suggested Tools:

- Standard Screwdrivers, Long with narrow blade.
- Standard Screwdriver, short with narrow blade.
- #2 Phillips Screwdriver
- 19 mm Combination Wrench (stubby works best)
- 10 mm Combination Wrench
- Diagonal Cutting Pliers

### Background

If the hood will not open by pulling on the hood release handle in the glove box, the cable could be broken or mis-adjusted. Some people cut the cable just behind the glove compartment and pulled on the inner cable to open the hood. However, by following these simple instructions you should be able to open the hood without cutting the cable. This way you can open the hood and see what is actually wrong without creating unnecessary damage and expense. If you find that the cable and latch need replacing these instructions show how to do that as well.

## Opening the Hood (If the cable malfunctions)



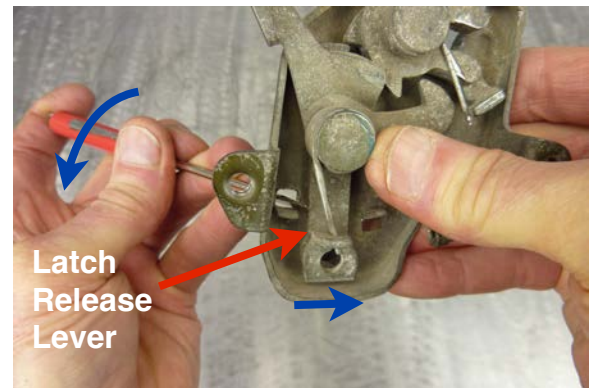
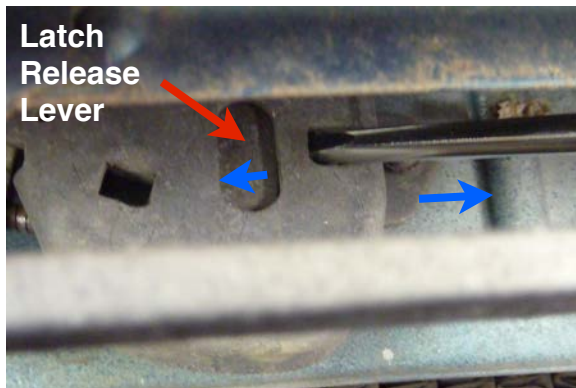
### Step 1

Place a long, small blade standard screwdriver in the opening as shown.

Note: The screwdriver must be small enough to fit inside the opening.

### Step 1 Continued

This picture shows a closer view of the placement of the screwdriver.



### Step 2

Pry the screwdriver to the right, pushing the latch release lever to the left.

### Step 2 Continued

This picture shows the latch release lever being pushed with the latch assembly removed and turned around to show you what is actually happening when prying with the screwdriver.





*Grill was removed for a clearer view.*

### Step 3

If the hood latch does not release. Insert a second small standard screwdriver as shown and pry the latch lever even farther to the left. If the hood still does not release, lift on the hood as you pry on the release lever.



*Safety latch is shown with the hood up for a clearer view.*

### Step 4

Once the hood latch is released, release the safety latch and open the hood.

**NOTE:** If you find the hood latch or cable needs replacing continue on with these instructions. Because Suzuki has upgraded the hood latch and release cables, both parts (hood latch and release cable) will need to be replaced as a set.





## Grill Removal



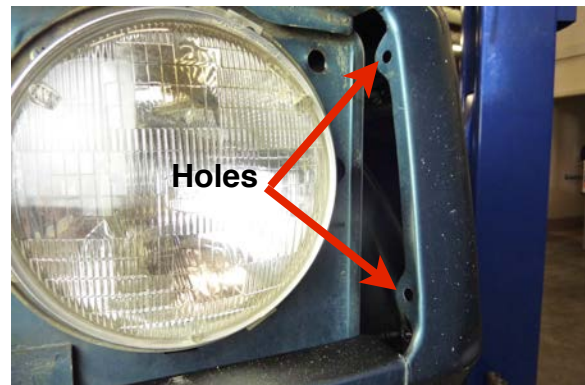
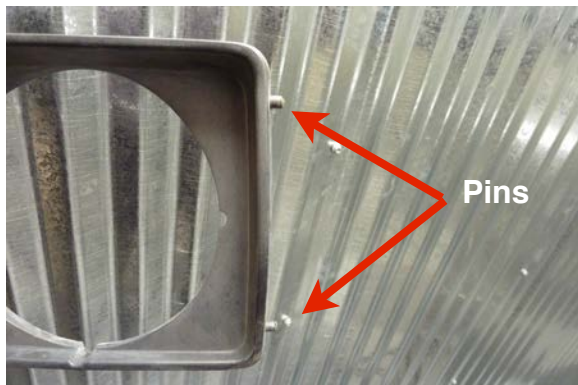
### Step 5

Begin removing the grill by removing the (5) phillips screws with a #2 phillips screwdriver.

### Step 6

Once the screws are removed, slide the grill toward the passenger side. Then carefully flex the middle of the grill toward you. Be gentle, not much force is needed here. Then pull the drivers side of the grill toward you releasing the grill pins from the fender holes.

**Caution:** Do not use too much force as the grill and headlights can become damaged if you are not careful.



### Step 6 Continued

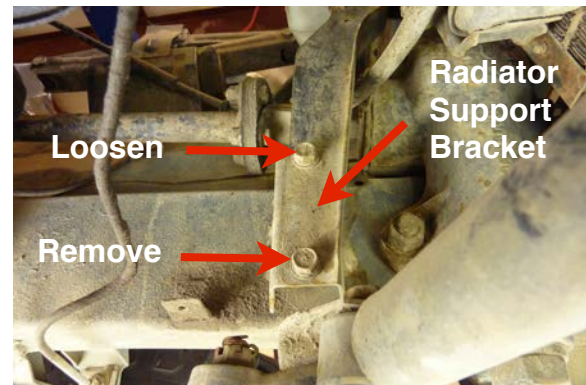
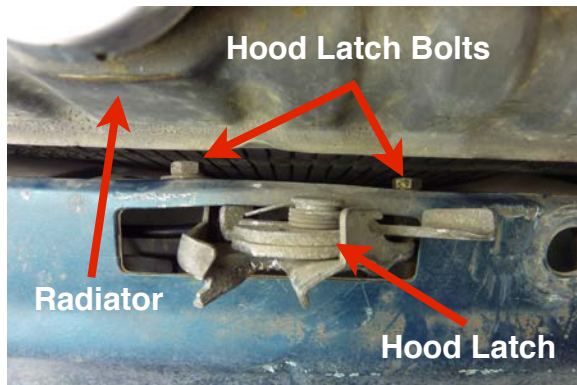
This shows the pins in the grill that must be removed from the holes in the fenders.

### Step 6 Continued

This picture shows the holes in the fender that the pins of the grill come out of.



## Hood Latch Removal

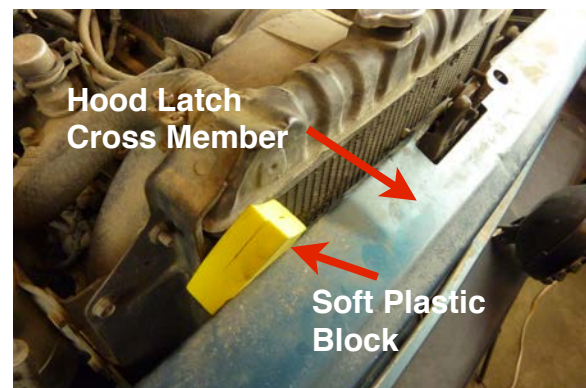
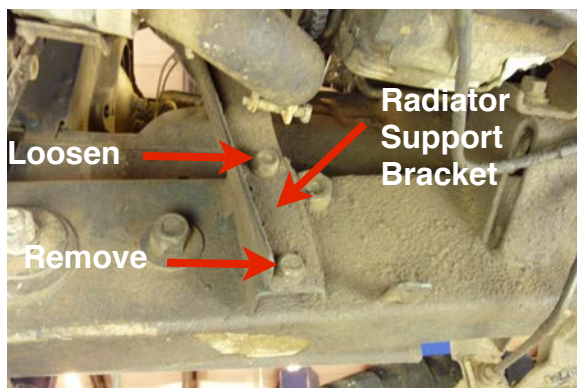


### Step 7

The radiator will need to be shifted back out of the way about an inch, in order to access the hood latch bolts.

### Step 7 Continued

To move the radiator back, begin on the drivers side radiator bracket. It is easier to access these bolts from under the vehicle. Loosen the top bolt and remove the lower bolt.



### Step 7 Continued

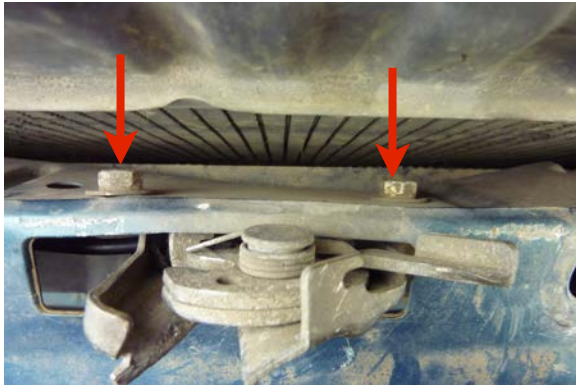
Repeat the previous step, on the passenger side radiator support bracket.

### Step 8

Shift the radiator back about 1 inch and place something soft (a block of wood, plastic or rolled up towel) between the hood latch cross member and the radiator as shown.







### Step 9

Remove the (2) hood latch mount/adjustment bolts using a 10 mm box end wrench.



### Step 10

Lift the hood latch out of the hood latch cross member.



### Step 11

Rotate the hood latch to gain access to the back side.



### Step 12

Release the cable by bending the support tab up.





### Step 13

Detach the cable end from the hood latch release lever as shown and set the hood latch aside.

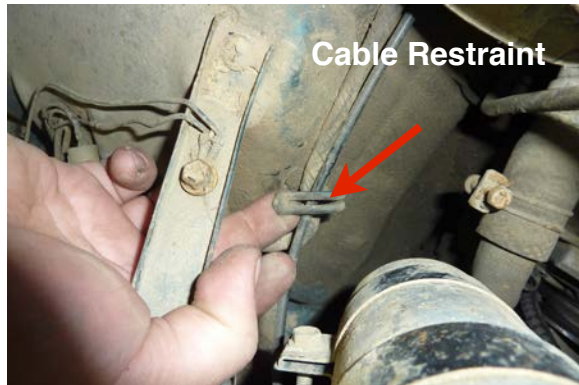


### Step 13 Continued

This picture shows the cable removed from the hood latch.



## Hood Release Cable Removal & Installation



### Step 14

Release the forward cable restraint by bending it open.

Note: It is located just behind the radiator on the passenger side inner fender.



### Step 15

Release the rear cable restraint.

Note: This one is below the air cleaner assembly on the passenger side inner fender.



### Step 16

Remove the glove box door by removing (3) phillips screws using a #2 phillips screwdriver.

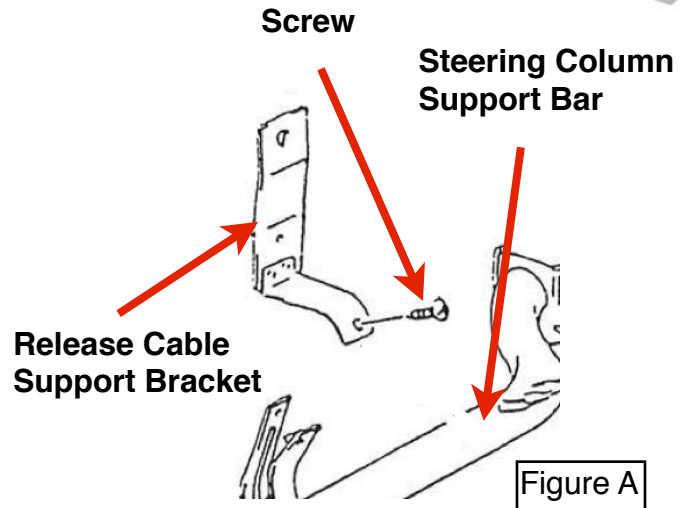
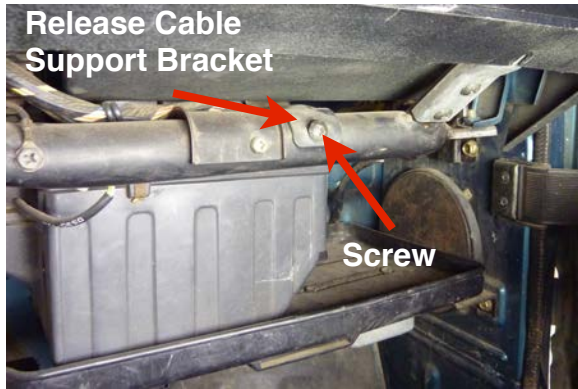


### Step 17

Free the upper glove box (but do not remove it yet) by removing the (6) phillips screws.

Note: The glove box door latch will come off with the top (2) middle screws.



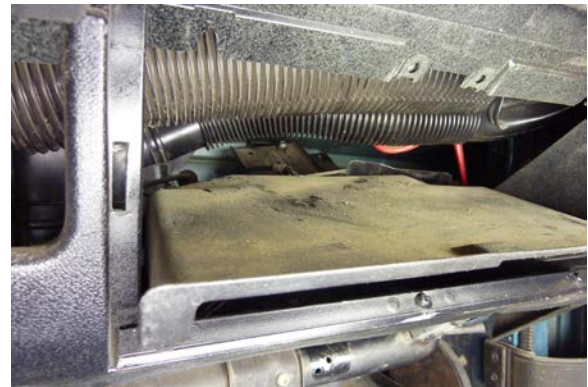
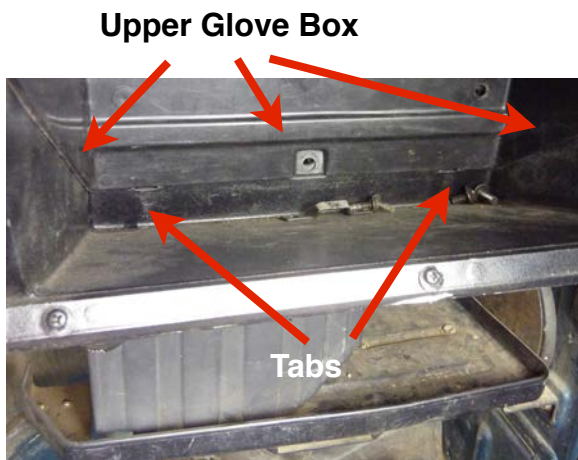


### Step 18

Remove the release cable support bracket screw using a #2 phillips screwdriver.

### Step 18 Continued

This is an illustration of the release cable support bracket.



### Step 19

Release the upper glove box tabs by lifting upward on the upper glove box. This not only releases the upper glove box but it releases the cable support bracket from the steering column support bar (See Figure A). This may take a fair amount of force to accomplish.

### Step 20

Let the upper glove box drop down as shown.

Note: Do not attempt to remove the upper glove box yet.





### Step 21

Loosen the release cable jam nut using a 19mm stubby open-end wrench.

Note: This requires working by feel with both hands; one hand from above the glove box and one below.



### Step 23

Pull the old release cable toward you about 12 inches.

Note: If there is not enough slack, free the cable by checking for bind points under the hood.

Jam Nut



### Step 22 Contented

This photo shows the release cable jam nut.



### Step 24

Cut the cable as shown with diagonal cutting pliers.

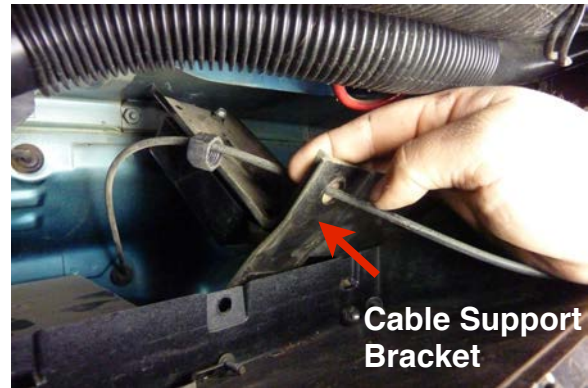






### Step 25

Remove the upper glove box.



### Step 26

Slide the old cable out of the back of the cable support bracket.



### Step 27

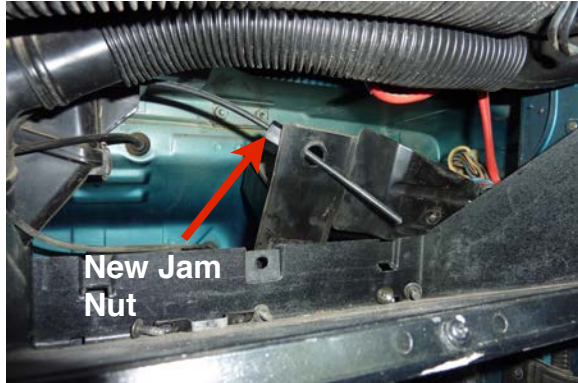
Remove the old jam nut from the cable.



### Step 28

Remove the new jam nut from the new cable and slide it onto the old cable.





### Step 29

Insert the old cable back into the cable support bracket.

Note: Be sure the new jam nut is behind the cable support bracket.



### Step 30

Insert the old cable through the hole in the back of the upper glove box.



### Step 31

Tape the hood latch end of the new cable to the old cable with electrician's tape.

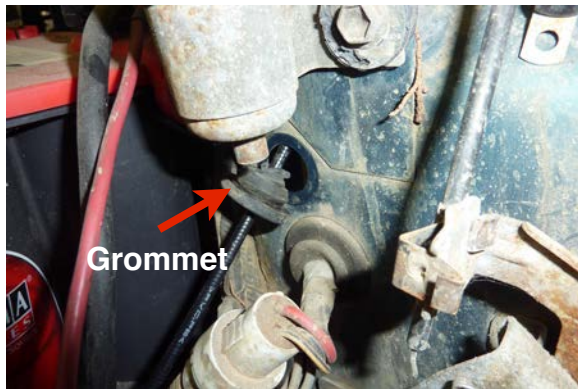
Note: Be sure to cover everything that could hang-up when being pulled through the bulkhead (firewall), cable restraints, and body cavities.



### Step 32

Have one person pull the old cable from the grill area while another guides the new cable in through the glove compartment.

Note: Be patient and gentle with this step. As the first person pulls the new cable in, the second person should be constantly checking to see that there is no binding or kinking of the cable as it feeds through the glove compartment, bulkhead, and engine compartment.



### Step 32 Continued

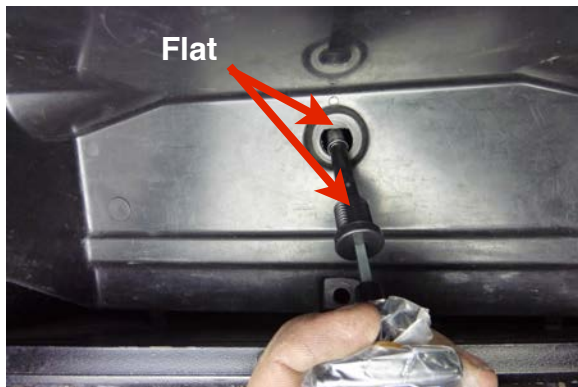
The bulkhead grommet may pull out of the bulkhead as the cable passes through. If it does, simply push it back into place with your fingers until it seats properly.



### Step 32 Continued

If the cable becomes difficult to pull, stop and locate the source of the binding, remedy the problem and keep pulling.

**Caution:** Do not force the cable through. If the cable becomes kinked, it may be difficult to operate after installation.



### Step 33

Once the new cable has been pulled all the way through to the hood latch area, insert the handle end of new cable into the glove box and the cable support bracket. You may have to reach behind the glove box to position the cable support bracket.

Note: The cable will only fit in one position. There is a flat on the cable that fits a flat in the glove box hole.



### Step 34

Let the glove box drop down, reach behind with a 19 mm open end wrench and tighten the cable nut on the back of the support bracket.





Glove Box Latch  
Goes Here



### Step 35

Position the cable support bracket on the steering column support and install the screw.

### Step 36

Position the upper glove box by aligning the tabs and screw holes and install the screws.

Note: Don't forget to install the glove box latch under the top two middle screws.



### Step 37

Install the glove box door and remove the plastic wrapping on the release cable handle.

### Step 38

Bend down the (2) release cable restraints under the hood.







### Step 39

Pull the hood latch release cable up through the hood latch opening.



### Step 40

Detach the old cable from the new one by removing the electrician's tape.

## Hood Latch Installation & Adjustment

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### Step 41

Insert the cable end into the new hood latch as shown.



### Step 42

Insert the cable sheath into the latch bracket as shown.

Note: Be sure it snaps into place.





### Step 43

Insert the latch into the latch cross member as shown.



### Step 44

Install the (2) latch mounting/adjustment bolts, but do NOT tighten them yet.



### Step 45

Push the latch all the way to the bottom of the adjustment limit and tighten the bolts.

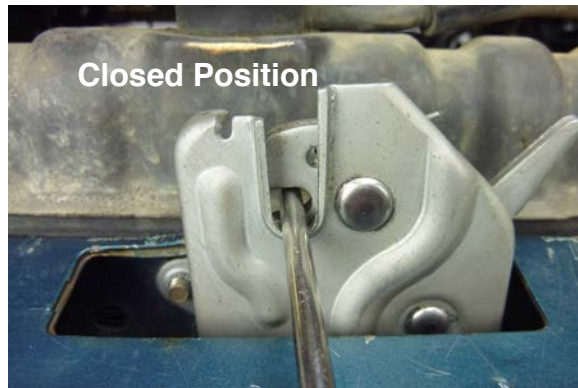


### Step 46

Place the latch in the closed position **WITHOUT** closing the hood. This can easily be done by placing a screwdriver in the latch and pushing down as shown.







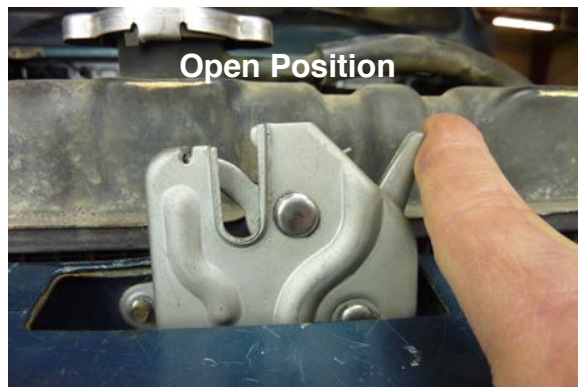
### Step 46 Continued

This shows the latch in the closed position.



### Step 47

Observe the latch while an assistant pulls the release handle in the glove box. The latch should go to the safety latch position as shown above. If the latch does NOT go to the safety latch position, check for cable binding or miss adjustment and resolve the problem BEFORE closing the hood. Once the latch goes to the safety latch position by pulling the cable, advance to the next step.



### Step 48

Check to see that the latch will go to the open position by pushing on the safety latch lever. Once you are sure the latch is working properly, advance to the next step.

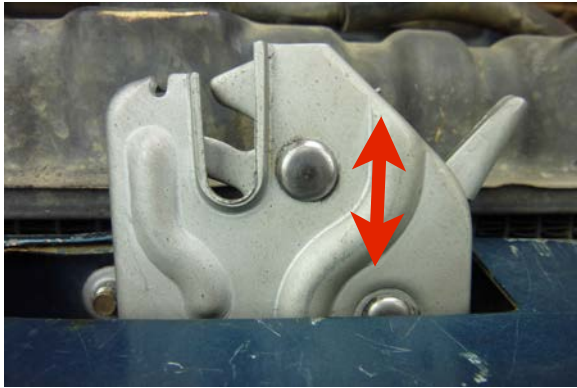
**Caution:** Do not go to the next step until you are sure the latch is working properly.



### Step 49

Close the hood and check that the hood latches and un-latches properly. Then check for proper hood latch adjustment. If the hood closes and latches with no up-down movement, you are finished with the hood latch and you may skip the next step. If the hood does not latch as it should or latches with excessive up down movement continue to the next step.





### Step 51

If the hood latches with excessive up-down movement, loosen the hood latch/adjustment bolts, adjust the latch downward, and tighten the bolts. If the hood does not latch, loosen the hood latch/adjustment bolts, adjust the latch slightly upward and tighten the bolts. Continue this process until the hood latches properly with no up-down movement.



### Step 51

Install the bolts in the radiator support brackets (both sides) and tighten all (4) bolts.



### Step 50

Open the hood and remove the block holding the radiator away from the hood latch cross member. The radiator should return to its normal position. If it does not, push it back into position.

## Grill Installation

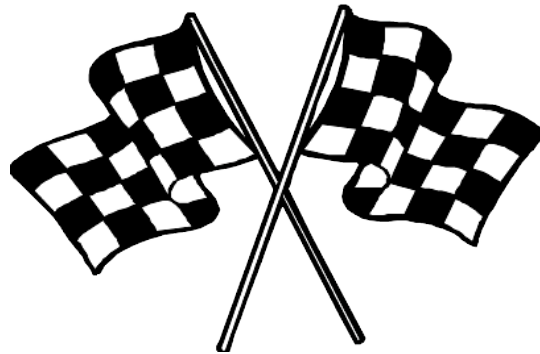


### Step 52

Insert the passenger side grill pins into the holes in the passenger side front fender. Carefully flex the middle of the grill toward you and insert the driver's side grill pins in the driver's side fender.

### Step 53

Install the (5) phillips screws and tighten.



### Congratulations!

You have successfully replace a hood latch and release cable.





As always, If you experience any difficulty during the installation of this product please contact Low Range Off-Road Technical Support at 801-805-6644 M-F 8am-5pm MST. Thank you for purchasing from Low Range Off-Road.



These instructions are designed as a general installation guide. Installation of many Low Range Off-Road products require specialized skills such as metal fabrication, welding and mechanical trouble shooting. If you have any questions or are unsure about how to proceed, please contact our shop at 801-805-6644 or seek help from a competent fabricator. Using fabrication tools such as welders, torches and grinders can cause serious bodily harm and death. Please operate equipment carefully and observe proper safety procedures.

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