

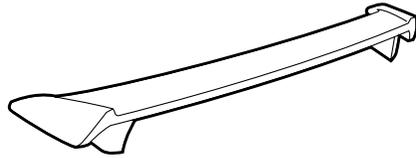


# INSTALLATION INSTRUCTIONS

Accessory	Application	Publications No.
<b>WING SPOILER</b>	<b>S2000</b>	<b>All 26447</b>
		Issue Date
		<b>OCT 2003</b>

## PARTS LIST

Wing spoiler



2 Cap nuts



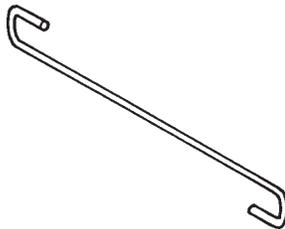
2 Washer-screws



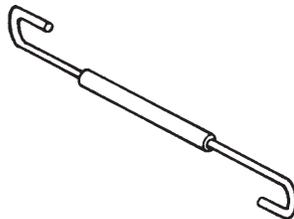
4 O-rings



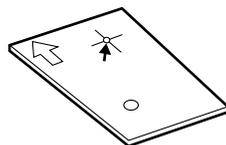
Left trunk spring  
(without cushion)



Right trunk spring  
(with cushion)



Template



## TOOLS AND SUPPLIES REQUIRED

Phillips screwdriver (magnetic)

Ratchet

10 mm Socket

Drill

3 mm and 8 mm Drill bits

Masking tape

Felt-tip pen

Center punch

File

Isopropyl alcohol

Shop towel

Eye protection (safety goggles, face shield, etc.)

Touch-up paint

Trunk spring installer/remover (T/N 08M10-SM4-100)

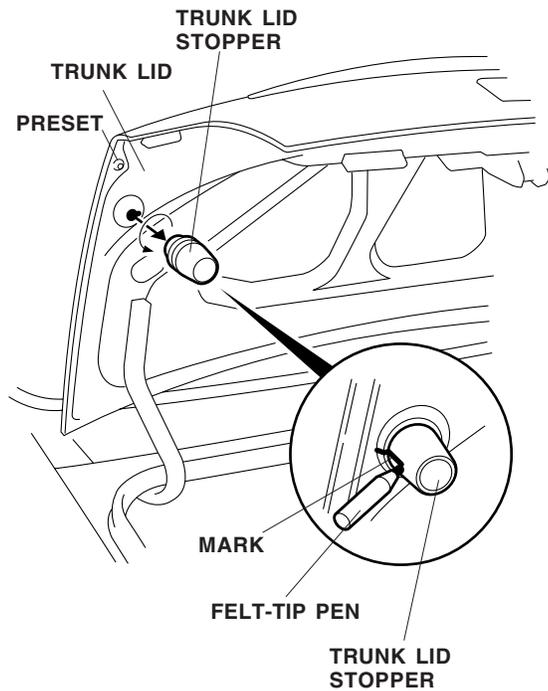
Heavy gloves

## INSTALLATION

### NOTE:

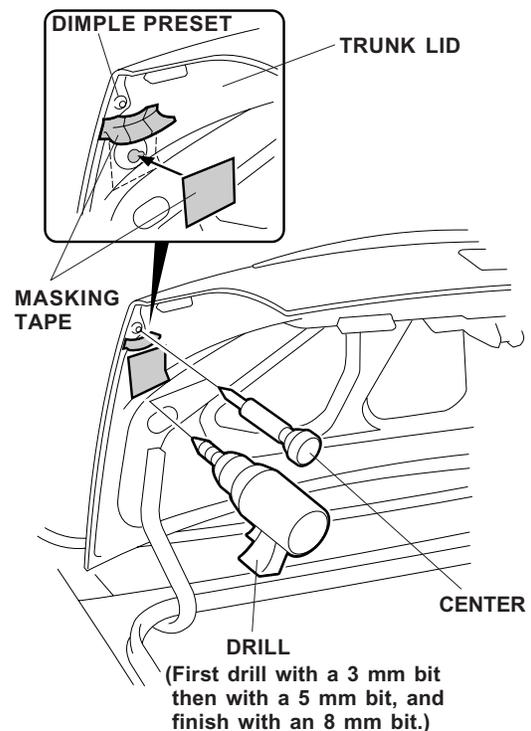
- Have an assistant hold the trunk lid open when replacing the trunk springs.
- The trunk spring with the cushion goes on the right side; the spring without the cushion goes on the left side.
- Be careful not to damage the body paint.

- Using a felt-tip pen, put a mark across each of the two trunk stoppers and trunk lid as shown. Remove the stoppers by turning them counterclockwise.



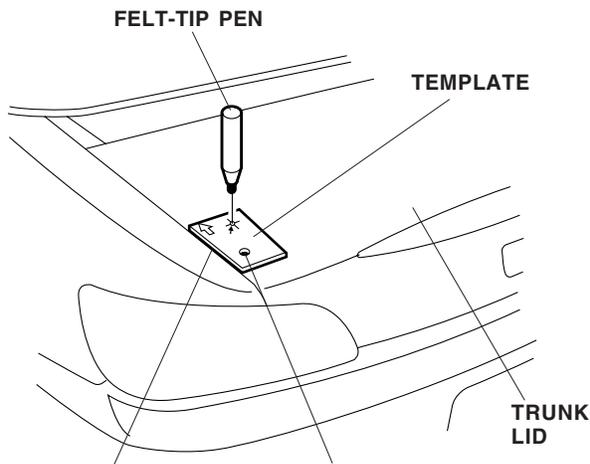
- To prevent metal shavings from falling into the trunk lid stopper holes, attach masking tape to the trunk lid in the areas shown.
- On the inside of the trunk lid, find a dimple (preset) on the edge and center punch it twice. Using a drill and drill bits, drill an 8 mm hole through the trunk lid at the center punched mark.

- If you can't find the dimple, remove the seal a little with a flat-tip screwdriver in the area shown.
- Before drilling, place a cover sheet under the trunk lid to prevent metal shavings from falling into the trunk.
- When drilling the hole, wear a face shield or safety goggles to prevent eye injury.
- First drill with a 3 mm bit, then with a 5 mm bit, and finish with an 8 mm bit.
- After drilling, remove any burrs from the edge of the hole and apply touch-up paint. Allow the touch-up paint to dry thoroughly before the next step.
- Clean all metal shavings carefully to avoid damage to the body paint.



- Repeat steps 1 through 3 for the right side.

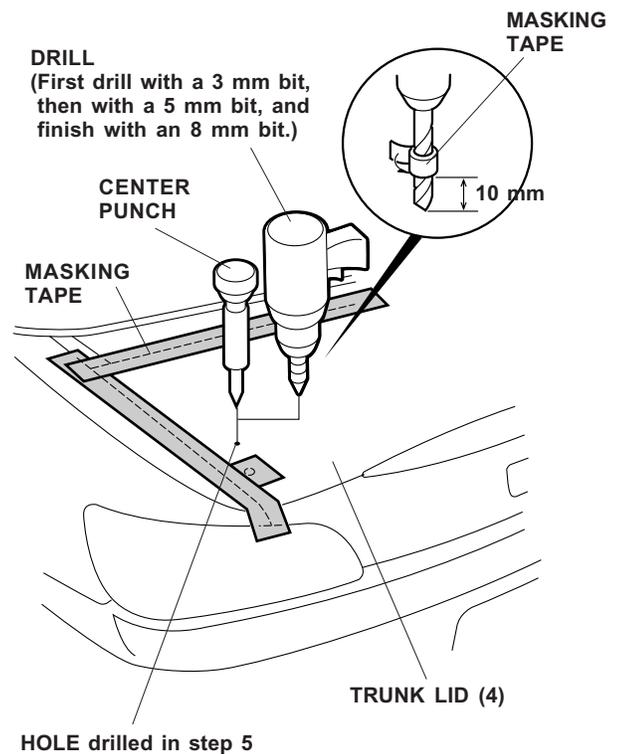
5. Close the trunk lid. Position the template on the trunk lid over the hole drilled in step 3. Using a felt-tip pen, mark the trunk lid at the remaining hole in the template.



Position the template on the trunk lid so that the outer edge of the template is parallel with the edge of the trunk lid.

Align the hole in the template with the hole in the trunk lid drilled in step 3.

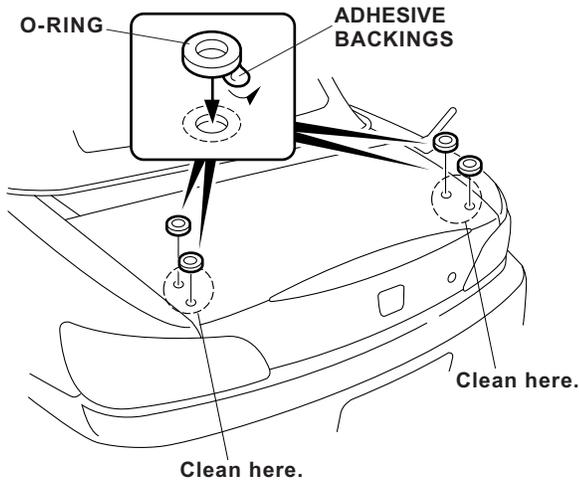
6. To prevent the metal shavings from entering the inside, use masking tape to cover the clearance between the trunk lid and body.
7. Lightly center punch the mark made in step 5. While wearing eye protection, drill an 8 mm hole through the trunk lid at the mark made in step 5.
  - To prevent drilling through the inner panel, wrap masking tape around the drill bit 10 mm away from the tip.
  - First drill with a 3 mm bit, then with a 5 mm bit, and finish with an 8 mm bit.
  - After drilling, remove any burrs from the edge of the hole with a file and apply touch-up paint. Allow the touch-up paint to dry thoroughly before the next step.
  - Clean the metal shavings carefully to avoid damage to the body paint.



8. Turn the template over and repeat steps 5 through 7 to mark and drill for the right side of the trunk lid.
9. Remove the masking tape from the trunk lid.

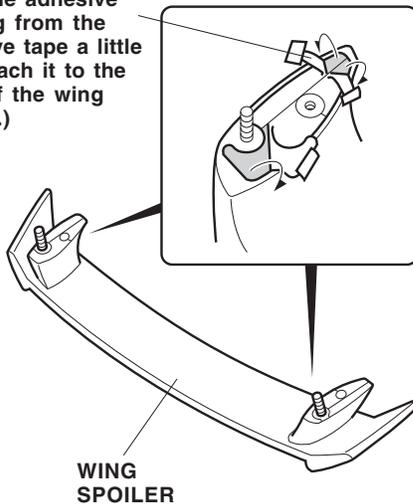
## Installing the Wing Spoiler

1. Using isopropyl alcohol on a shop towel, thoroughly clean the area around the holes where the O-rings will attach.
2. Remove an adhesive backing and attach one of the O-rings over each of the four holes in the trunk lid.

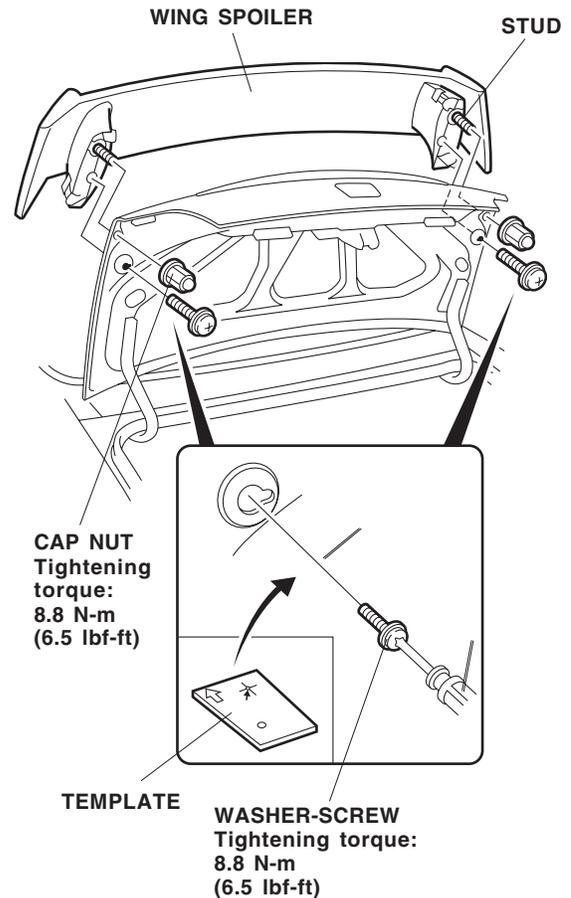


3. On the back of the wing spoiler, peel 1 - 1 1/2 inches of the adhesive backings from the adhesive tapes and tape them to the front of the trunk spoiler with masking tape.

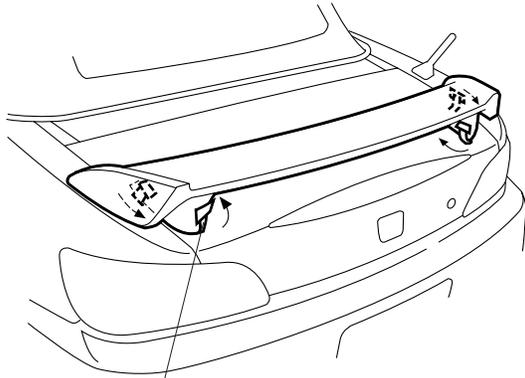
**ADHESIVE BACKINGS**  
(Peel the adhesive backing from the adhesive tape a little and attach it to the front of the wing spoiler.)



4. Position the wing spoiler on the trunk lid and insert the studs into the holes in the trunk lid. Open the trunk lid and install a cap nut on the end of each stud. Do not tighten the cap nuts yet. Be careful not to damage the body paint with the studs.
5. Using a magnetic Phillips screwdriver, insert a washer-screw into the hole where the trunk lid stopper was removed. Do not tighten yet. Repeat on the other side. Be careful not to drop the washer-screws into the trunk lid; they are difficult to get out.



6. Tighten the cap nuts and washer-screws temporarily installed in steps 5 and 6. Torque the cap nuts to 8.8 N-m (6.5 lbf-ft).

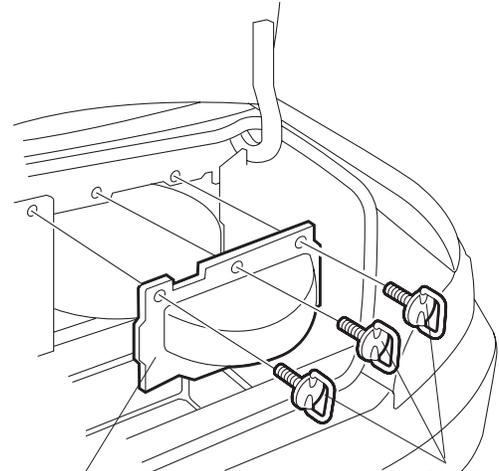


**ADHESIVE BACKING**  
Carefully remove while holding pressure on the wing spoiler.

7. After removing each of the adhesive backings, hold the wing spoiler firmly against the trunk lid with the palm of your hand, especially at the edges.
8. Reinstall the trunk lid stops by aligning them to the marks you made.

## Replacing the Trunk Springs

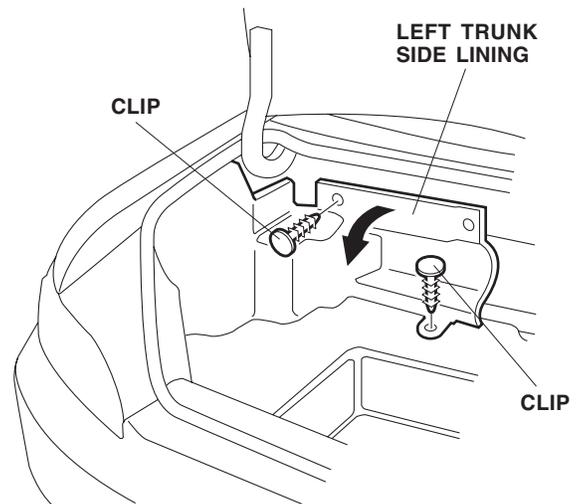
9. Open the trunk lid and take out the tool box. Remove the three anchor bolts securing the right front trunk lining and remove the lining.



**RIGHT FRONT TRUNK LINING**

**ANCHOR BOLT**

10. Remove the two clips that fasten the left trunk side lining and pull the lining out in the direction shown.

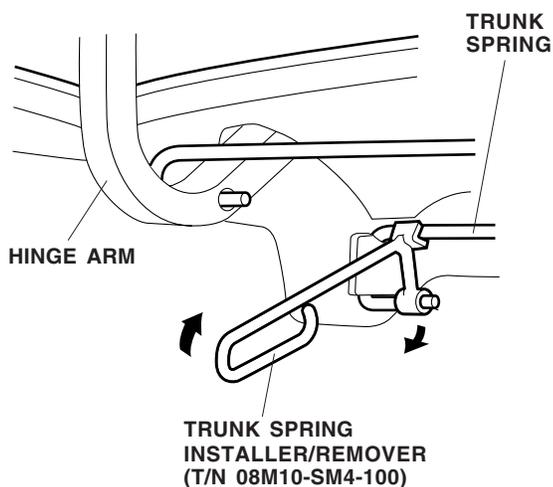


**LEFT TRUNK SIDE LINING**

**CLIP**

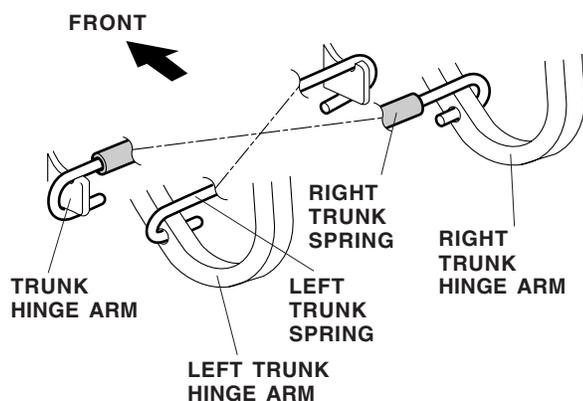
**CLIP**

11. With an assistant holding the trunk lid open, remove the old trunk springs from the trunk hinge arms using the special tool. Wear heavy gloves to protect your hands, and pull the special tool slowly and carefully toward you.



12. Install the new heavier duty trunk springs with the tool in the reverse order of removal. Install the left spring without cushion first.

- Install the right trunk spring (with cushion) on the right trunk hinge arm, and install the left trunk spring (without cushion) on the left trunk hinge arm.
- While wearing gloves, rotate the tool as you pull it toward you.
- Set the springs in the original position of the hinge arms.



### Use and Care of the Wing Spoiler

- Handle the wing spoiler with care; it's not designed to absorb impact.
- Check the wing spoiler mounting nuts periodically, and retighten them if necessary.