

410 Fenders, Engine Hood

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GENERAL

This repair group covers replacement of the front fenders and removal and installation of the engine hood.

CAUTION—

- The body is painted at the factory after assembly. Realignment of body panels may expose unpainted metal. Paint all exposed metal once the work is complete.

Special tools

Most body repairs can be performed using regular automotive service tools. Special BMW tools are required to set engine hood into service position.

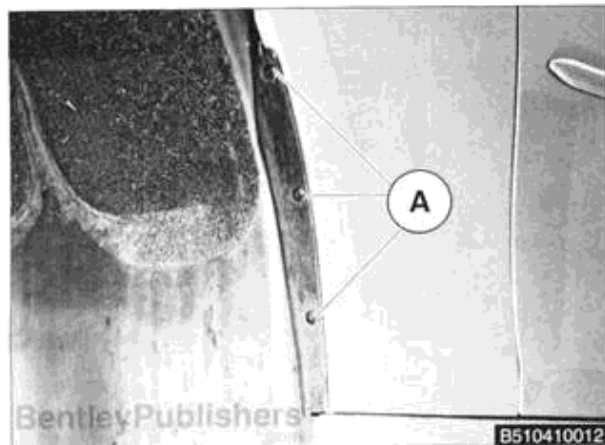
FRONT FENDERS

Front wheel housing liner, removing and installing

- Raise front of vehicle and remove wheel.

WARNING—

- Make sure that the car is firmly supported on jack stands designed for the purpose. Place jack stands beneath structural chassis points. Do not place jack stands under suspension parts.



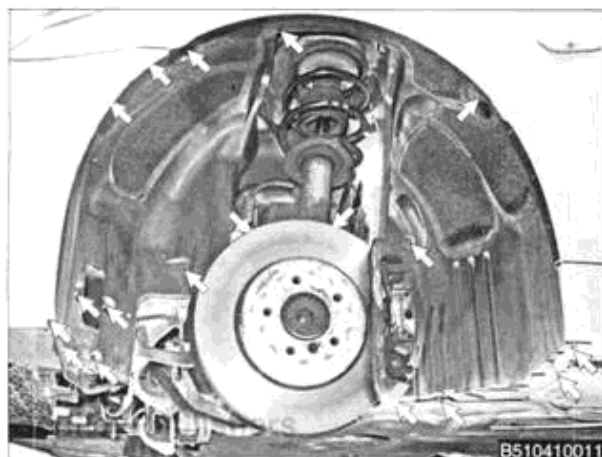
- Remove clips (A) from fender edge by driving center out with a suitable sized punch, then prying out clip with suitable plastic prying tool.

NOTE—

- The clips are not reusable. Replace with new.

410-2 Fenders, Engine Hood

Front fender, removing and installing

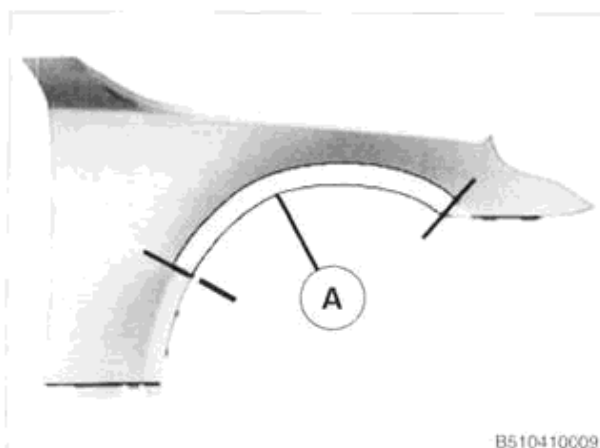
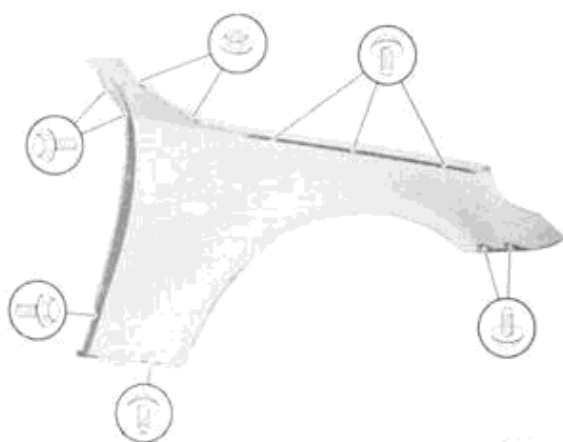


- Remove fasteners (**arrows**) from wheel housing liner.
- Remove liner.
- Installation is reverse of removal.

Front fender, removing and installing

- Raise hood to service position. See **Engine hood, raising to service position** in this repair group.
- Remove front wheel housing liner. See **Front wheel housing liner, removing and installing** in this repair group.

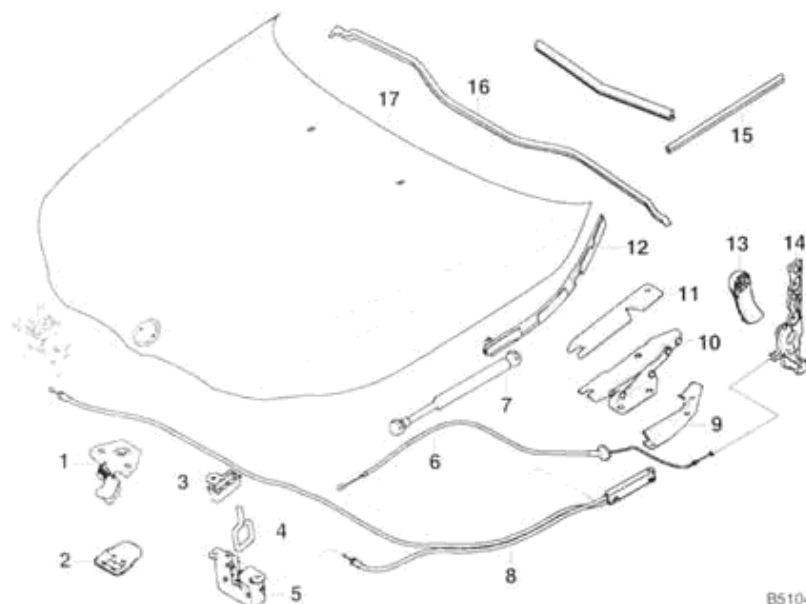
- Fastener locations shown for Sedan and Sports Wagon models.



- Apply sprayable sealing wax Terostat 9320 or equivalent to underside of fender in area **A**.

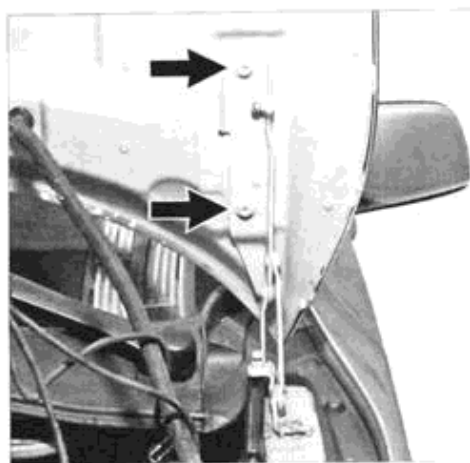
ENGINE HOOD

Engine hood latch components



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1. Hood latch
2. Hood latch end support
3. Twist protection
4. Safety bracket
5. Hood lock
6. Hood release cable, rear
7. Gas support strut
8. Hood release cable, front
9. Water gutter cover
10. Left hood hinge
11. Spacer
12. Left hood seal
13. Hood release lever
14. Combination bracket
15. Side hood seal
16. Center hood seal
17. Hood



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Engine hood, aligning

When installing hood, align hinges as close to original painted surface as possible. Movement of hood on its attaching hardware may require touch up paint.

- ◀ Loosen left upper and lower hinge mounting bolts (**arrows**). Make sure hood can move relative to hinge.
- Repeat on right.

410-4 Fenders, Engine Hood

Engine hood, aligning

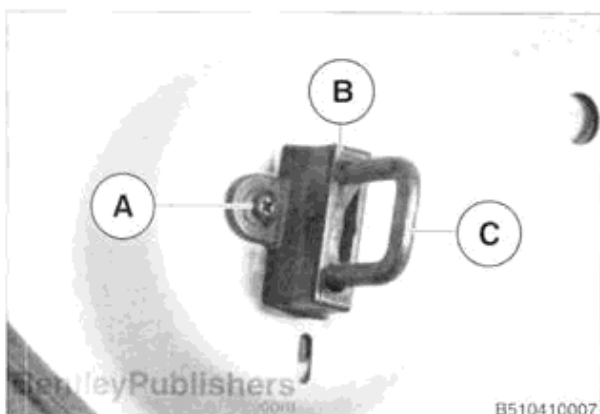


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Align hood so gap (**arrows**) to fender is as even as possible.

Tightening torque

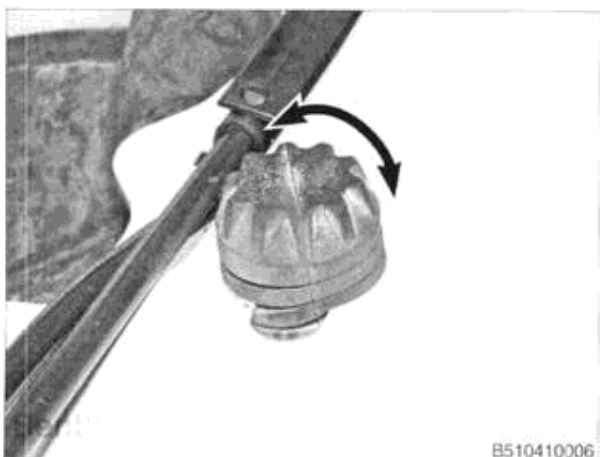
Hood to hood hinge (M8 x 24 mm, 8.8 grade)	18.5 Nm (13.5 ft-lb)
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If front height adjustment is off, adjust safety brackets:

- Release screw (**A**).
- Remove cover (**B**).
- Adjust height by turning latch (**C**).

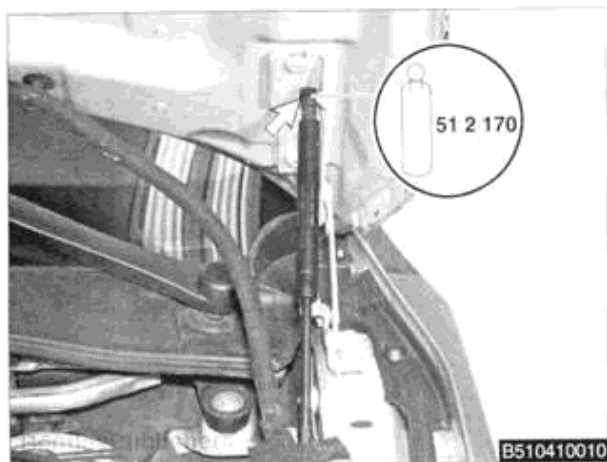


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If height adjustment of engine hood lid to front fenders is off, turn front buffer stops (**arrow**) on left and right.

CAUTION—

- To avoid excessive wind noise, make sure hood does not protrude beyond front fenders.



Engine hood, raising to service position

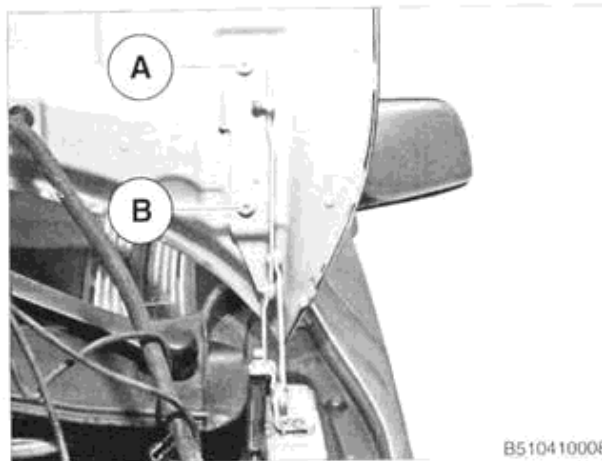
- Open hood. With help of an assistant, support hood and remove retaining clips (**arrow**) on upper end of left gas support strut.
- Slide BMW special tool 51 2 170 (**inset**) over housing of gas spring strut then clip ball socket of special tool on ball stud on hood.
- Repeat on right.

Engine hood, removing and installing

WARNING —

- The hood is heavy. Before removing the hood supports, be sure to have an assistant help support the hood.

- Mark position of hood hinge mounting plates.
- Loosen upper hinge mounting bolts (**A**) and remove lower bolts (**B**). Lift hood off carefully.
- Installation is reverse of removal. Note the following:
 - Repair any paint damage and paint any exposed metal.
 - Check hood alignment. See **Engine hood, aligning** in this repair group.



Tightening torque

Hood to hood hinge (M8 x 24 mm, 8.8 grade)	18.5 Nm (13.5 ft-lb)
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