

GROUP 1

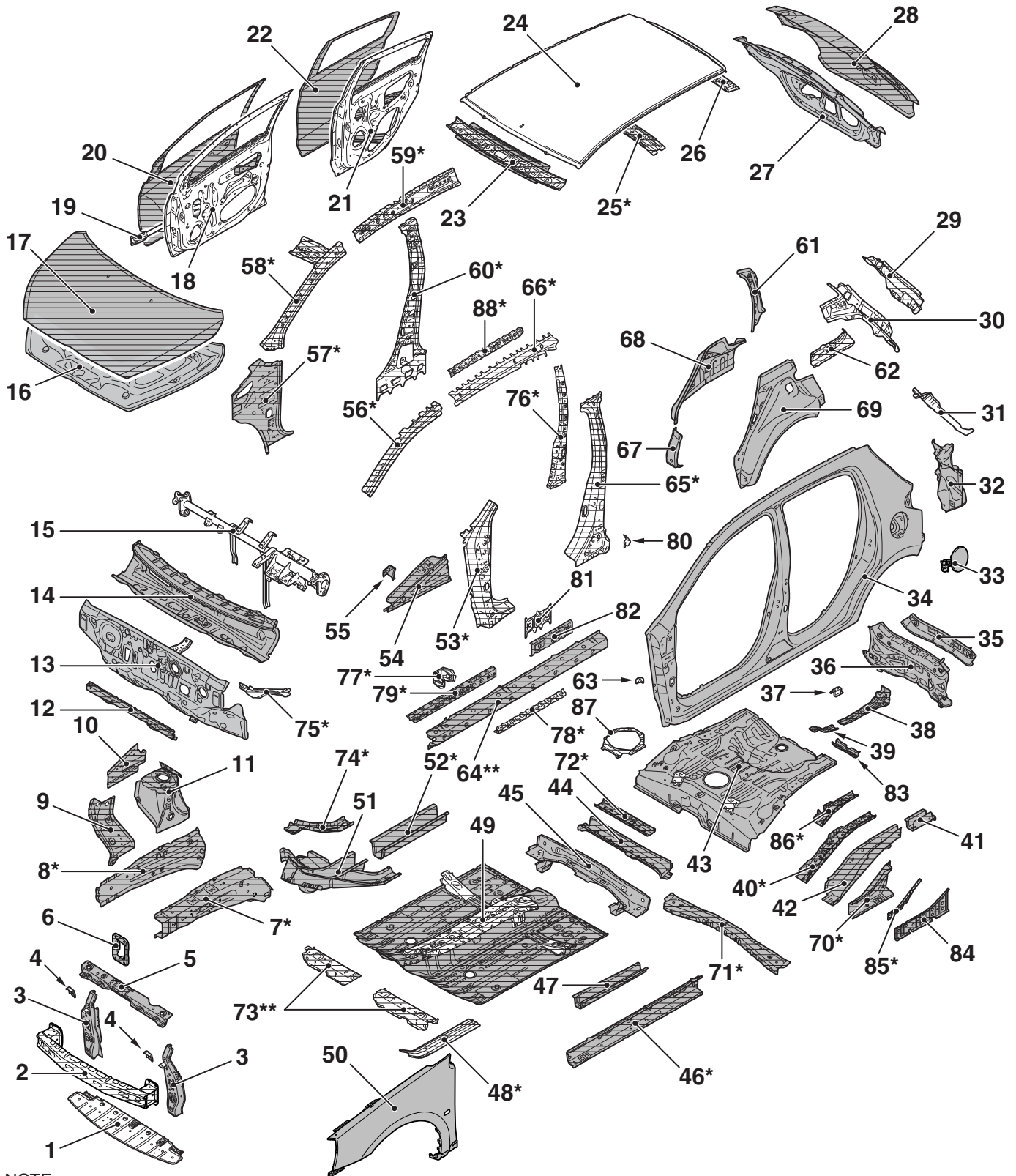
BODY
CONSTRUCTION

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BODY COMPONENTS

M4010001002238



NOTE:

■ : Anti-corrosion steel panels

▨ : High-tensile steel panels (*: Indicates 590MPa-high-tensile steel panels.)

(**: Indicates 980MPa-ultra-high-tensile steel panels.)

ABC00328AB

1. Front panel crossmember lower
2. Front bumper reinforcement
3. Headlight support panel
4. Headlight support bracket
5. Headlight support panel upper
6. Front sidemember plate
7. Front inner sidemember
8. Front outer sidemember
9. Engine mounting gusset
10. Fender shield frame upper inner
11. Front inner wheel house
12. Dash panel crossmember
13. Dash panel
14. Cowl top panel
15. Front deck crossmember
16. Hood inner panel
17. Hood outer panel
18. Front door panel inner
19. Front door side door beam
20. Front door panel outer
21. Rear door panel inner
22. Rear door panel outer
23. Roof rail front
24. Roof panel
25. Roof bow
26. Roof rail rear
27. Liftgate inner panel
28. Liftgate outer panel
29. Gate pillar reinforcement
30. Rear inner pillar
31. Quarter panel extension upper outer
32. Quarter panel extension lower outer
33. Fuel filler lid
34. Side outer panel
35. Rear end panel outer
36. Rear end panel inner
37. Spare tire bracket
38. Rear towing hook bracket
39. Rear floor stay
40. Rear floor sidemember reinforcement
41. Rear floor sidemember extension
42. Rear floor sidemember
43. Rear floor
44. Rear floor crossmember
45. Rear floor rear seat under crossmember
46. Front floor side sill inner
47. Front floor sidemember
48. Front sidemember reinforcement rear
49. Front floor
50. Front fender
51. Front floor sidemember
52. Front floor sidemember rear
53. Front pillar reinforcement lower inner
54. Front deck frame upper outer
55. Front fender bracket
56. Front pillar reinforcement upper
57. Front lower inner pillar
58. Front upper inner pillar
59. Roof side rail inner
60. Center inner pillar
61. Rear pillar reinforcement
62. Rear pillar brace
63. Front fender bracket
64. Side sill reinforcement
65. Center pillar reinforcement
66. Roof side rail reinforcement center
67. Side sill rear end plate
68. Rear wheel house inner panel
69. Quarter panel lower inner
70. Side inner sill rear
71. Rear seat crossmember reinforcement
72. Rear floor crossmember reinforcement
73. Front floor front crossmember
74. Front sidemember reinforcement rear lower
75. Dash side brace
76. Rear door hinge reinforcement
77. Side sill bulkhead
78. Side sill reinforcement outer support
79. Side sill reinforcement support front
80. Center pillar reinforcement lower
81. Side sill reinforcement support rear
82. Side sill support rear
83. Canister bracket
84. Side sill reinforcement inner
85. Side sill inner reinforcement
86. Rear floor sidemember reinforcement upper
87. Rear seat pan reinforcement
88. Rail roof side support

BODY MAIN CROSS-SECTIONAL VIEWS

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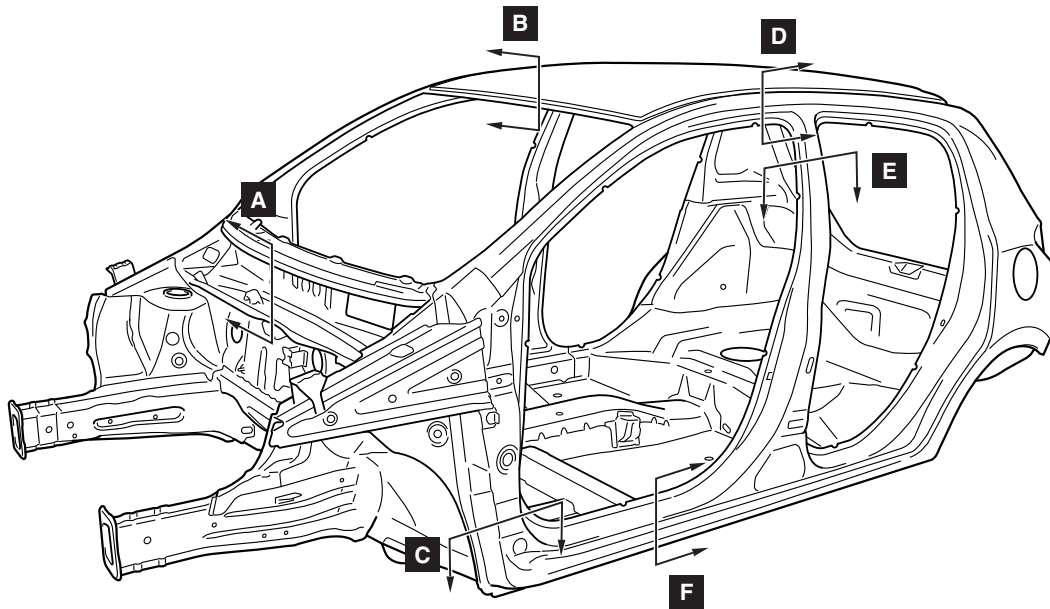
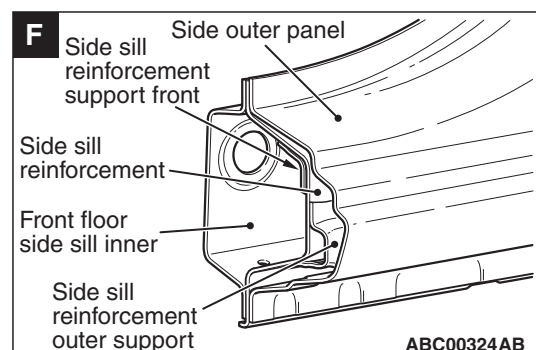
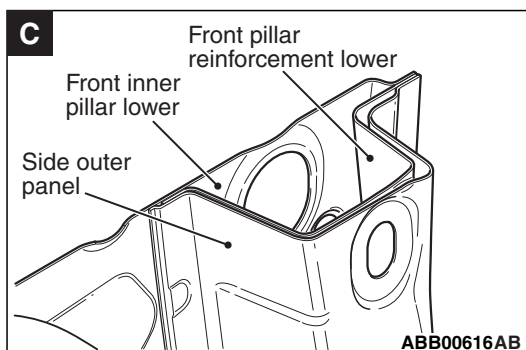
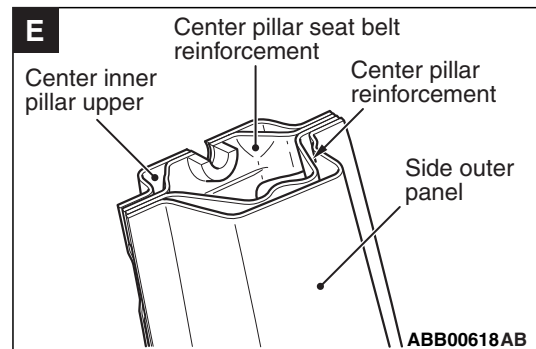
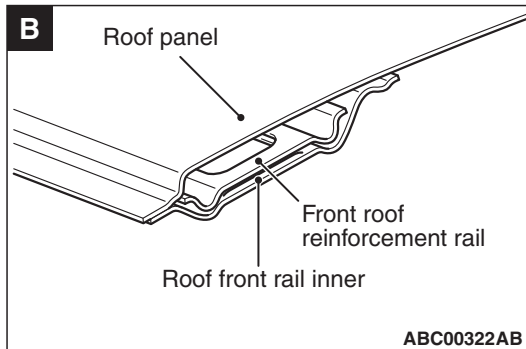
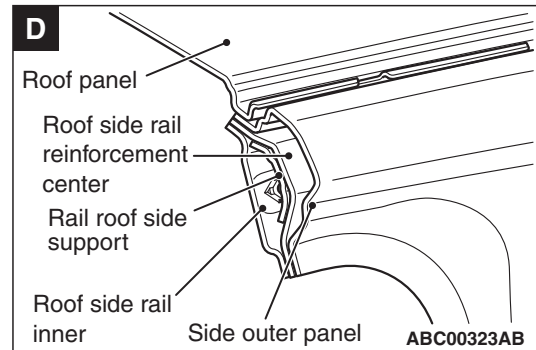
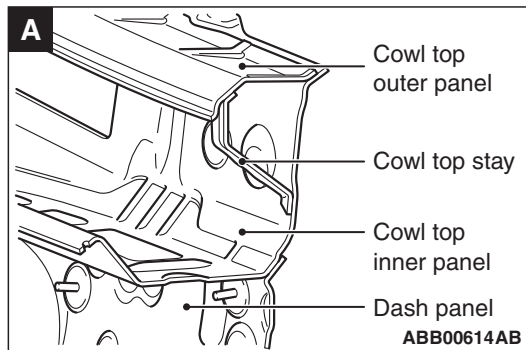


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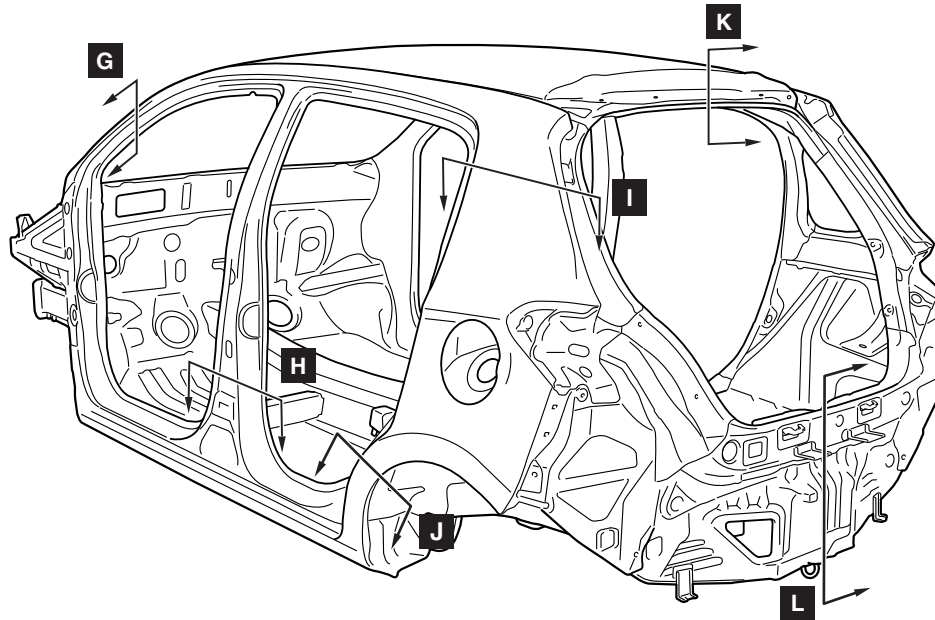
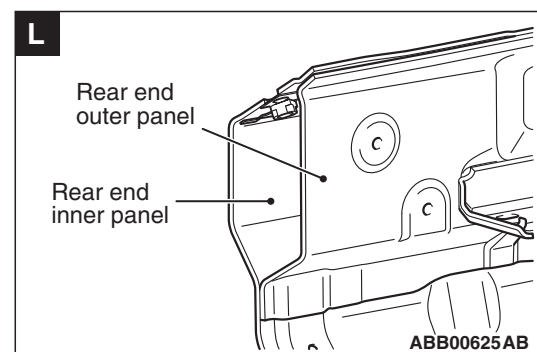
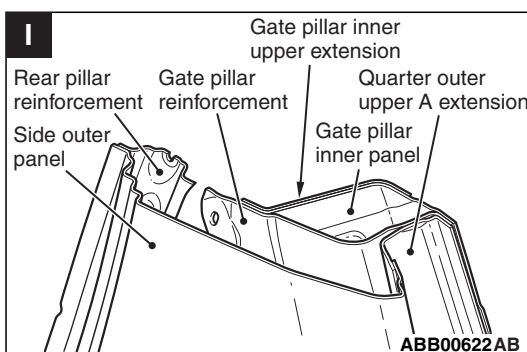
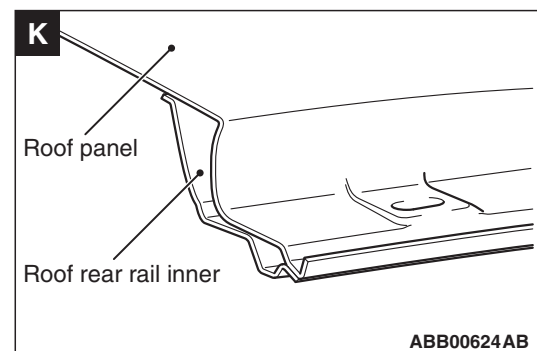
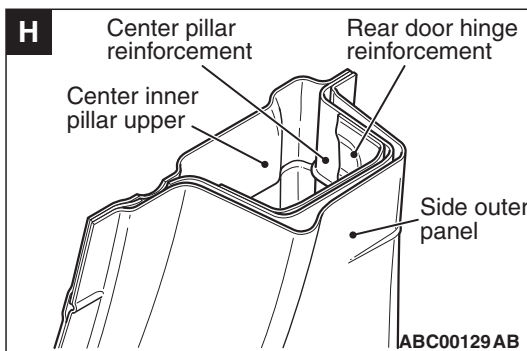
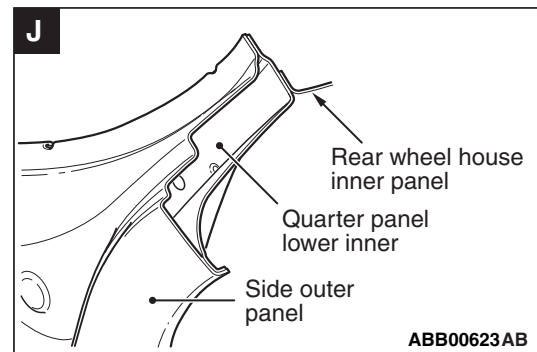
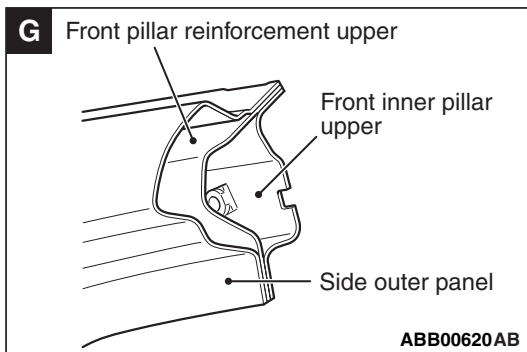


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MAINTENANCE, SERVICEABILITY

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FENDER SHIELD

A positioning hole and cut-out have been added on the front sidemember inner and the dash crossmember to improve assembling workability when replacing the panel.

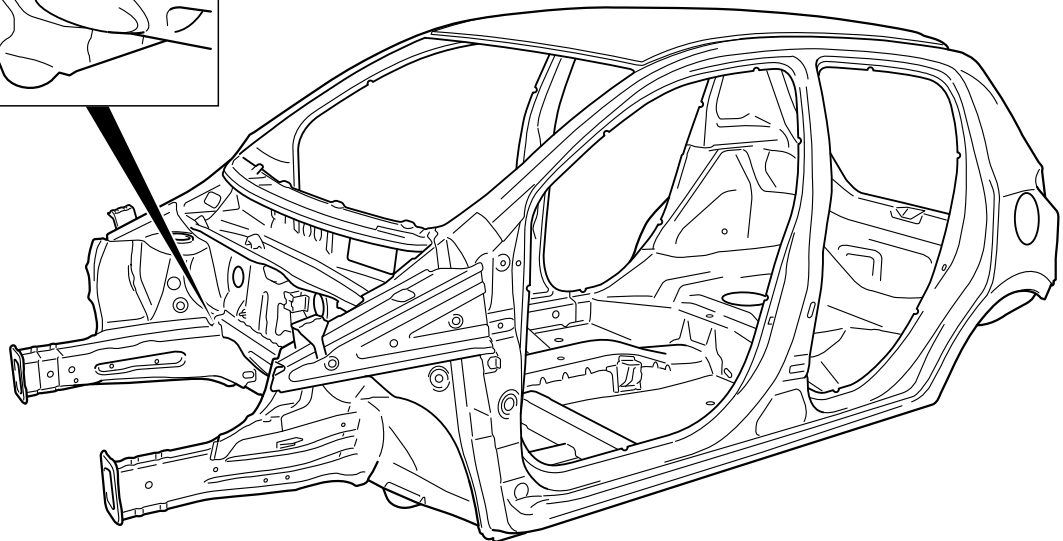
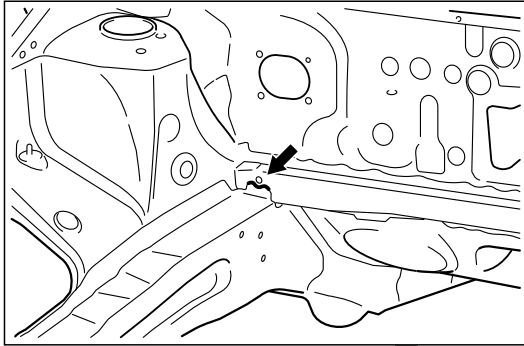
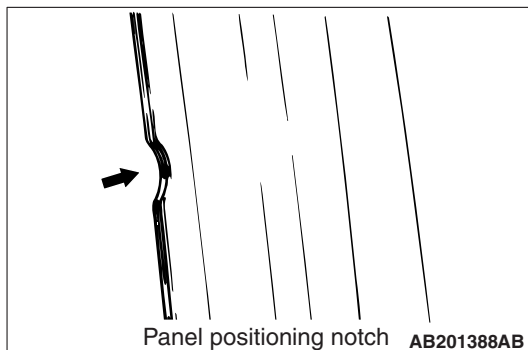


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SIDE STRUCTURE

A panel positioning notch has been added on the door opening to improve assembling workability when replacing the panel.



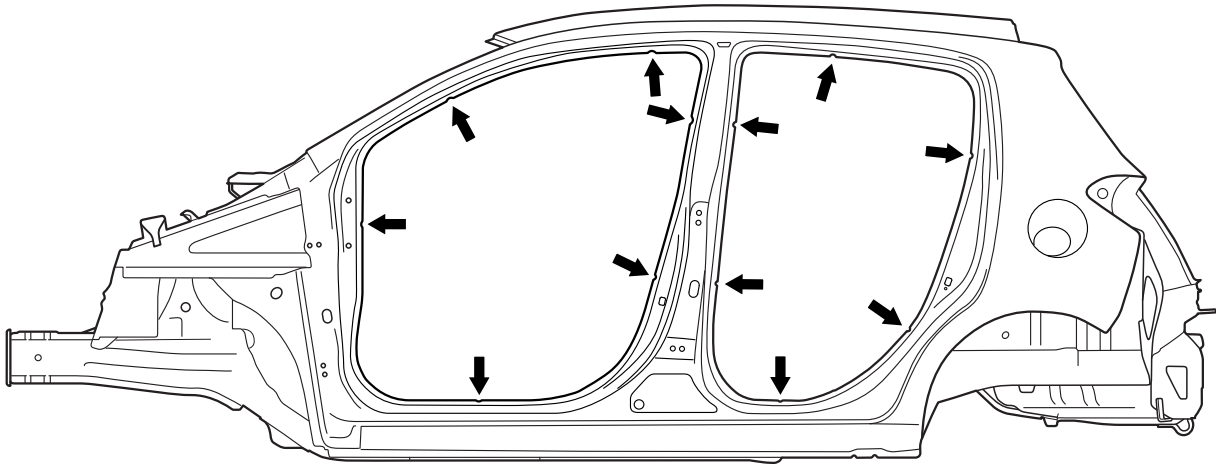


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SIDE OUTER PANEL

The extra parts are supplied in 4 different cut forms as a result of employing the integrated side-frame side outer panel.

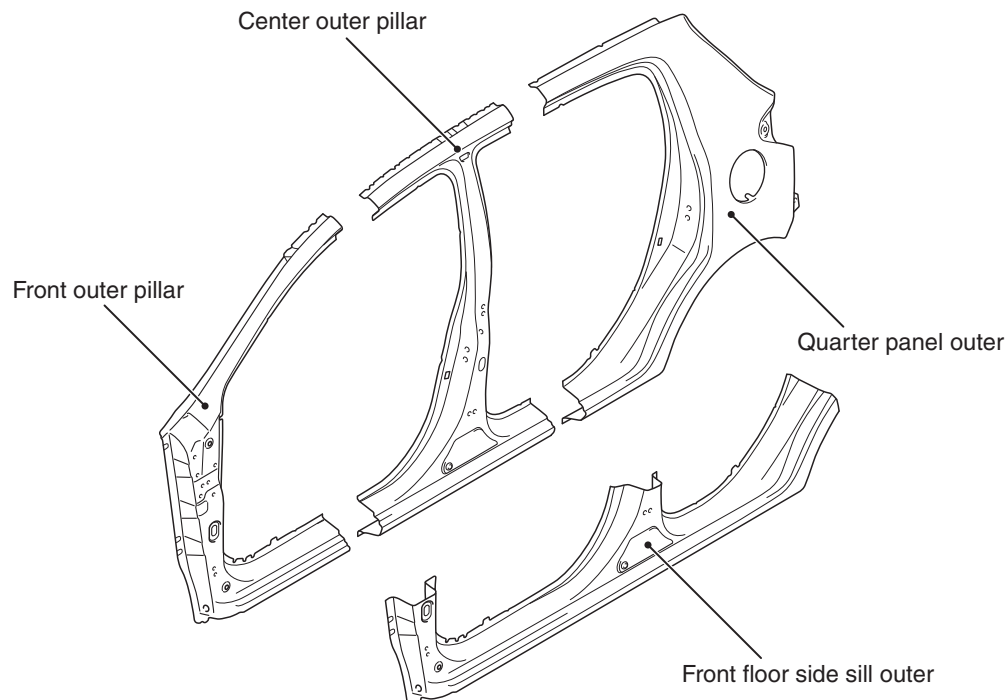


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BODY CONSTRUCTION CHARACTERISTICS

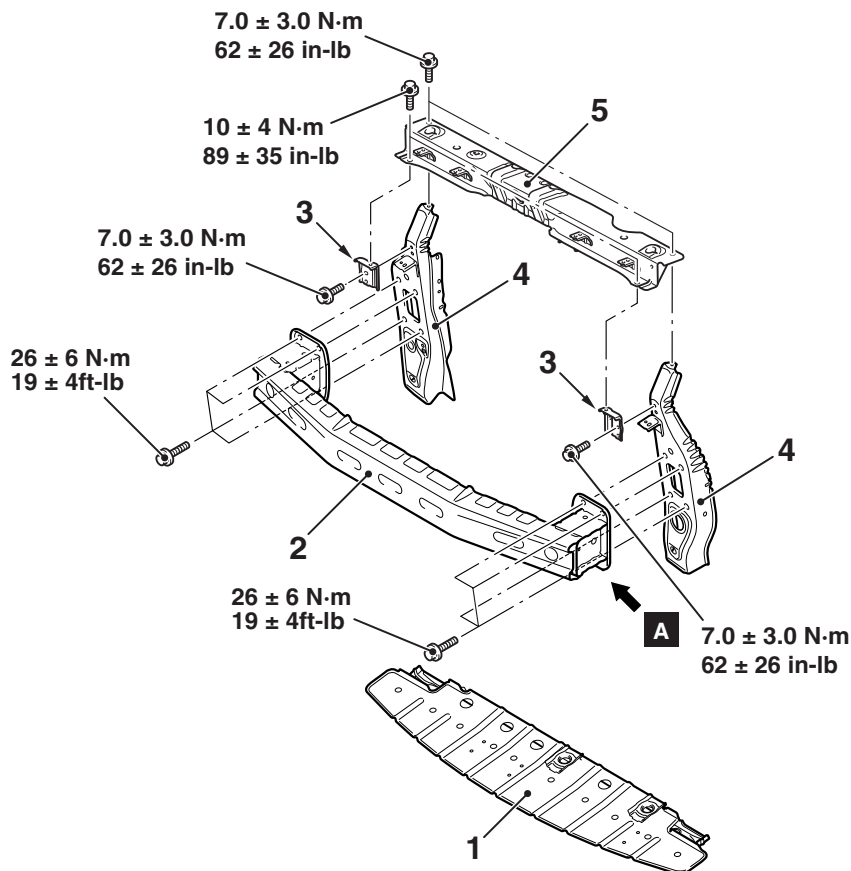
FRONT BODY

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HEADLIGHT SUPPORT

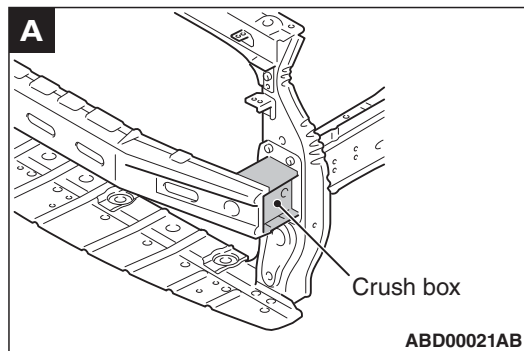
- The crush box structure has been adopted to the front end of the front sidemember to improve the maintainability at a minor collision and the characteristics at a minor frontal collision.

- The bolt-on headlight support panel is used to improve maintainability.



ABC00325AB

1. Front panel crossmember lower
2. Front bumper reinforcement
3. Headlight support bracket
4. Headlight support panel
5. Headlight support panel upper



A crash box has been established in order to efficiently absorb energy upon impact.

FENDER SHIELD

(Right side)

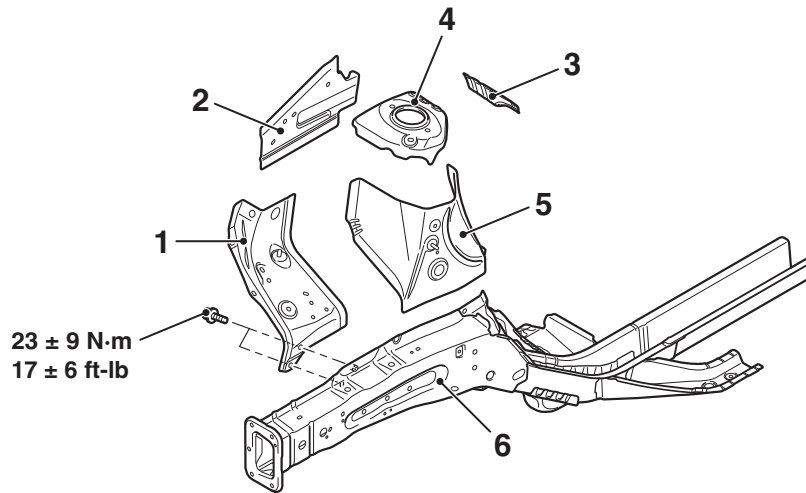


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(Left side)

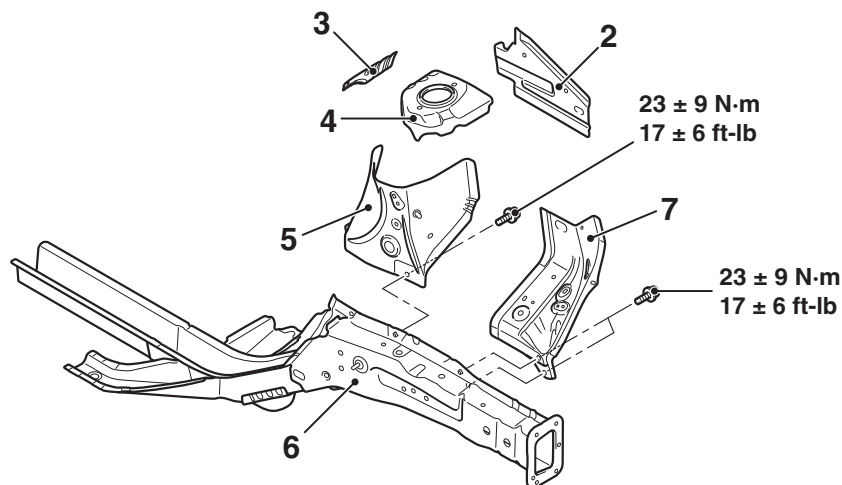


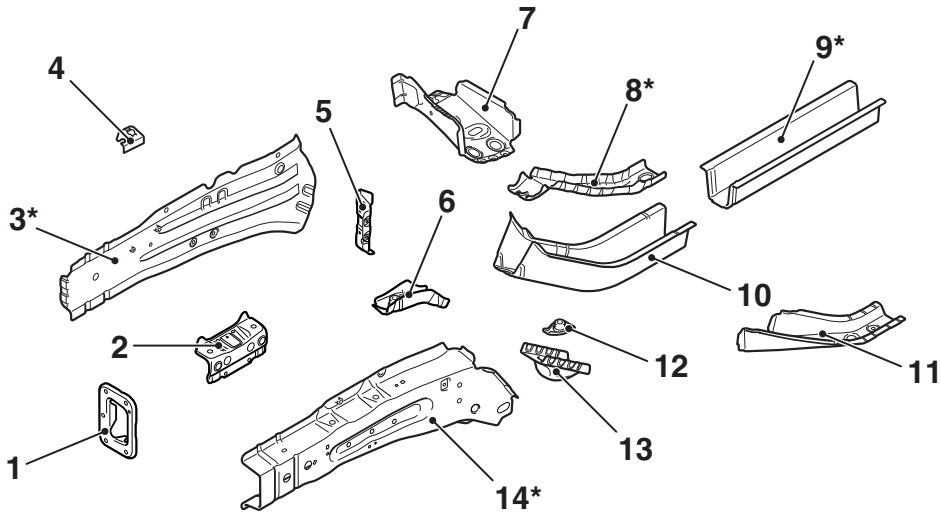
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1. Engine mounting gusset
2. Fender shield frame upper inner
3. Front spring house gusset
4. Spring house bracket
5. Front spring house panel
6. Front sidemember
7. Transmission mounting gusset

FRONT SIDEMEMBER REINFORCEMENT

The 590-MPa class high tensile strength steel panels have been adopted for the front sidemember outer, front sidemember reinforcement rear lower, front floor sidemember rear and front sidemember inner to improve the crash safety.

(Right side)



NOTE: *: Indicates 590MPa-high-tensile steel panels.

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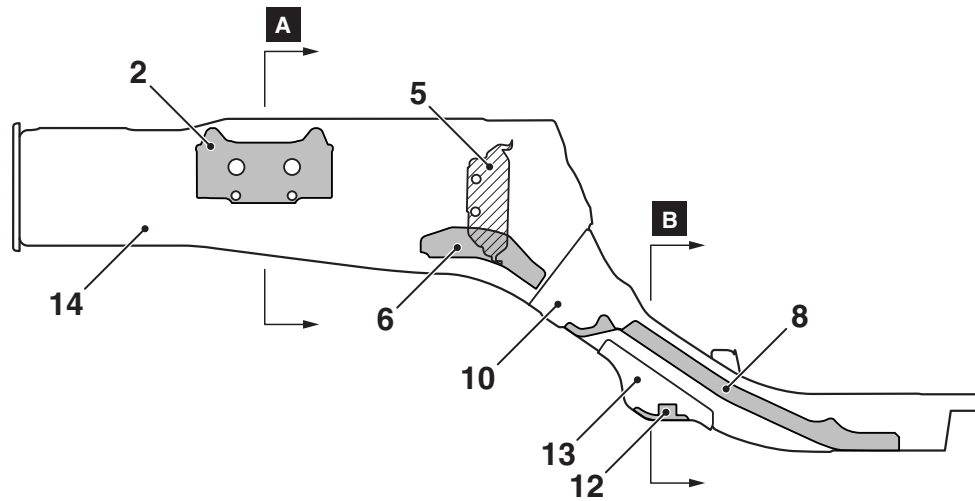
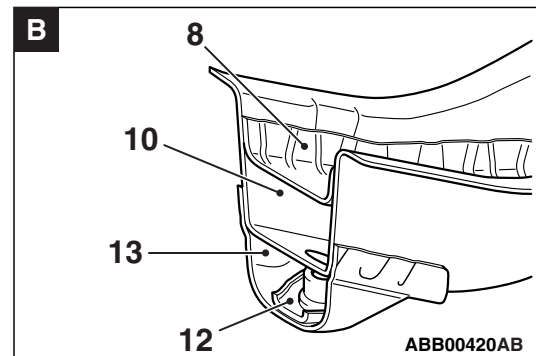
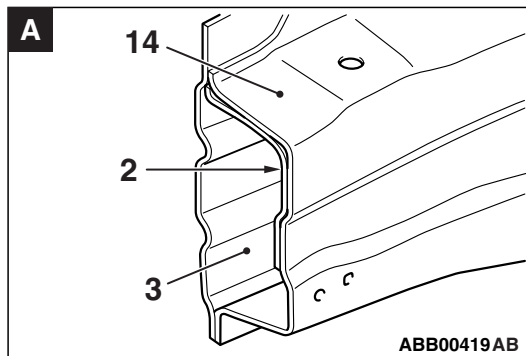
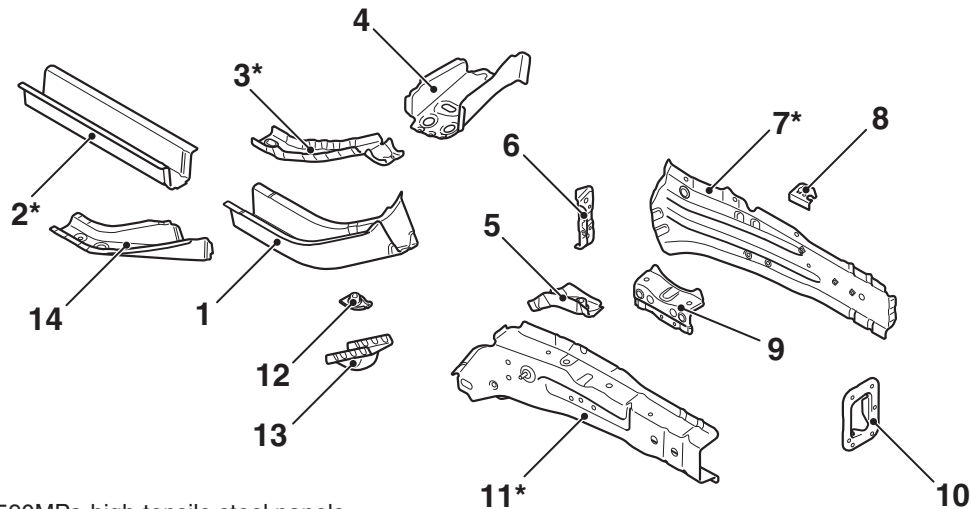


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- | | |
|---|---|
| 1. Front sidemember plate | 8. Front sidemember reinforcement rear lower |
| 2. Engine mounting bulkhead | 9. Front floor sidemember rear |
| 3. Front sidemember outer | 10. Front sidemember rear A |
| 4. Brake hose bracket | 11. Dash crossmember lower |
| 5. Front sidemember bulkhead front | 12. Front suspension crossmember plate rear |
| 6. Front sidemember reinforcement front | 13. Front suspension crossmember bracket rear |
| 7. Front sidemember brace lower | 14. Front sidemember inner |



(Left side)



NOTE: *: Indicates 590MPa-high-tensile steel panels.

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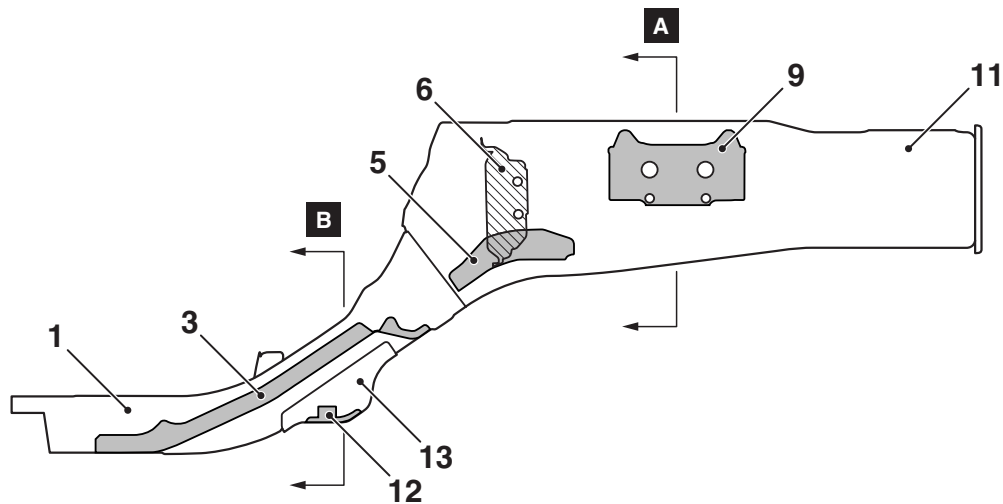
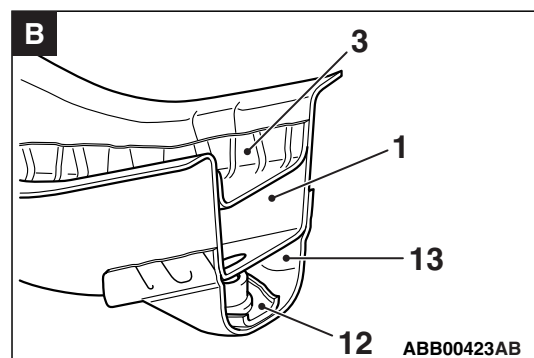
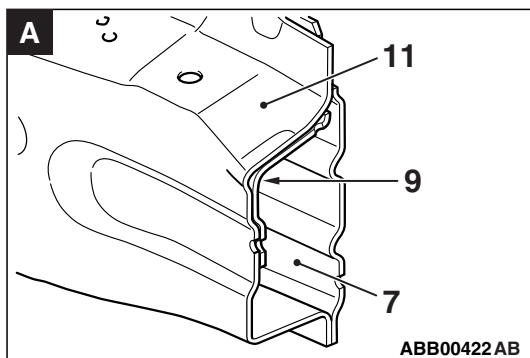


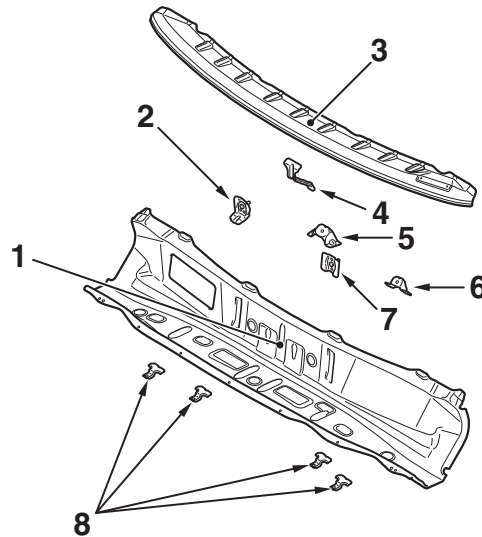
ABB00421 AB

- | | |
|--|---|
| 1. Front sidemember rear A | 8. Brake hose bracket |
| 2. Front floor sidemember rear | 9. Transmission mounting bulkhead |
| 3. Front sidemember reinforcement rear lower | 10. Front sidemember plate |
| 4. Front sidemember brace lower | 11. Front sidemember inner |
| 5. Front sidemember reinforcement front | 12. Front suspension crossmember plate rear |
| 6. Front sidemember bulkhead front | 13. Front suspension crossmember bracket rear |
| 7. Front sidemember outer | 14. Dash crossmember lower |



FRONT DECK

The padding structure of the cowl top is designed to have a crushable structure in order to efficiently absorb energy upon impact, thus improving the pedestrian protection capability.

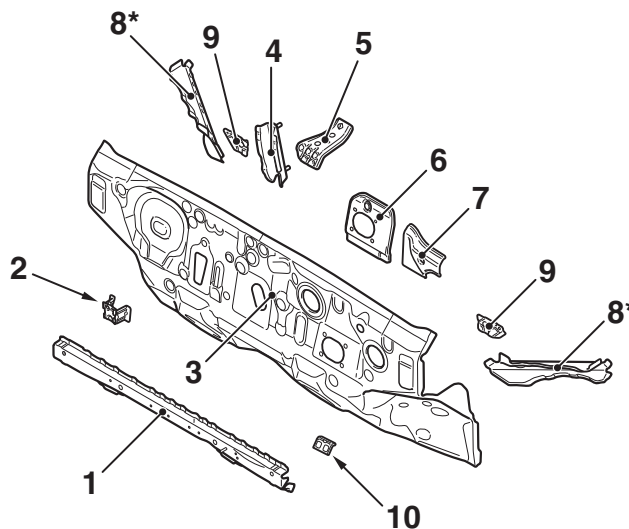


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- | | |
|-------------------------|-------------------------|
| 1. Cowl top inner panel | 5. Wiper center bracket |
| 2. Heater B bracket | 6. Wiper A bracket |
| 3. Cowl top outer panel | 7. Heater A bracket |
| 4. Cowl top stay | 8. Harness bracket |

DASH PANEL

The 590-MPa class high tensile strength steel panels has been adopted for the dash side brace to improve the crash safety.



NOTE: *: Indicates 590MPa-high-tensile steel panels.

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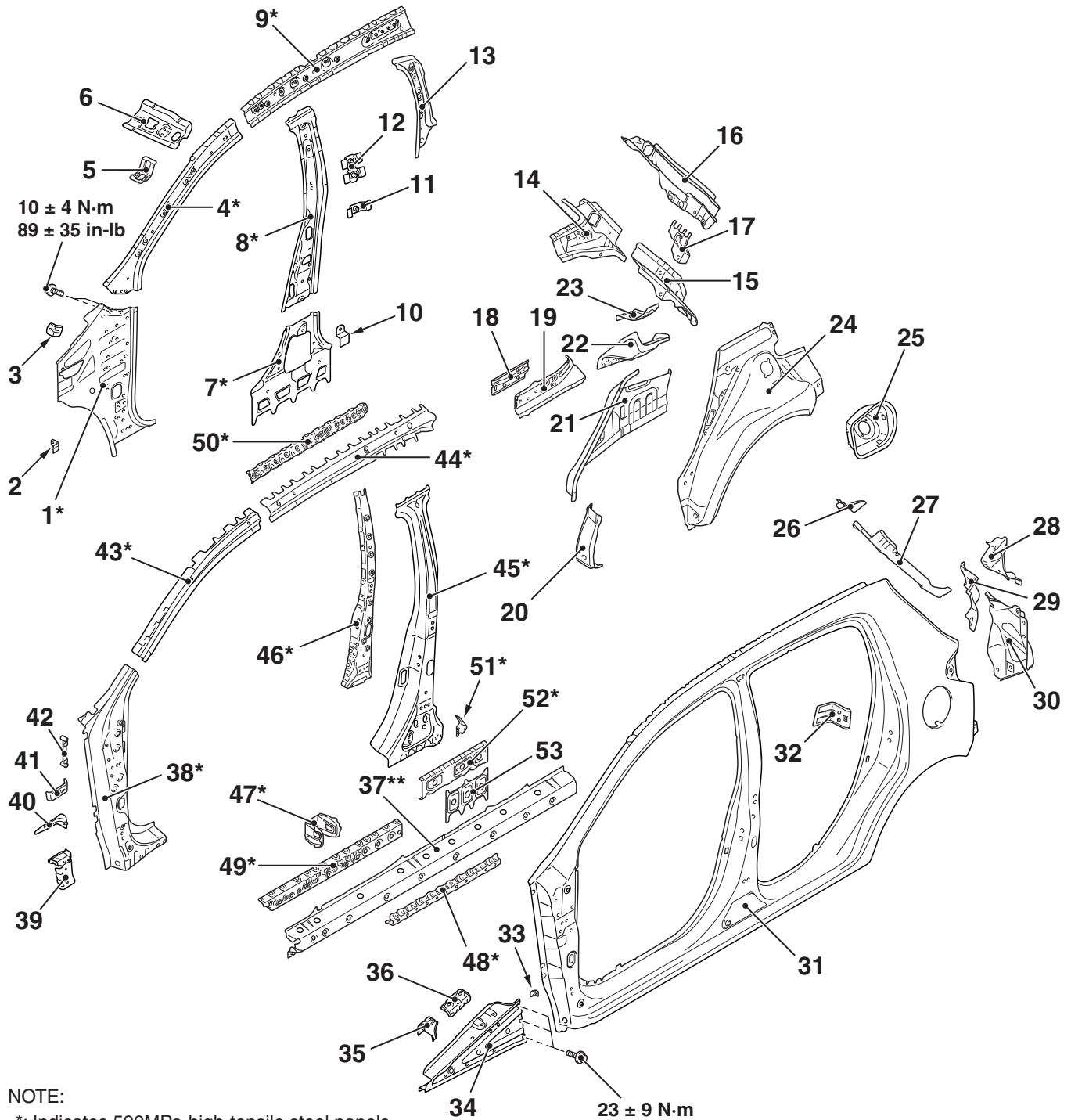
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|----------------------------------|-------------------------------------|
| 1. Dash panel crossmember | 6. Brake reinforcement |
| 2. Canister bracket | 7. Clutch pedal reinforcement <M/T> |
| 3. Dash panel | 8. Dash side brace |
| 4. Accelerator pedal bracket | 9. Heater bracket lower |
| 5. Deck crossmember stay bracket | 10. Flare nut holder |

SIDE BODY

M4010011001708

SIDE STRUCTURE

The 590-MPa class high tensile strength steel panels or 980-MPa class ultra high tensile strength steel panels have been adopted for the front pillar, center pillar, side sill, and roof side rail to improve the body rigidity.



NOTE:

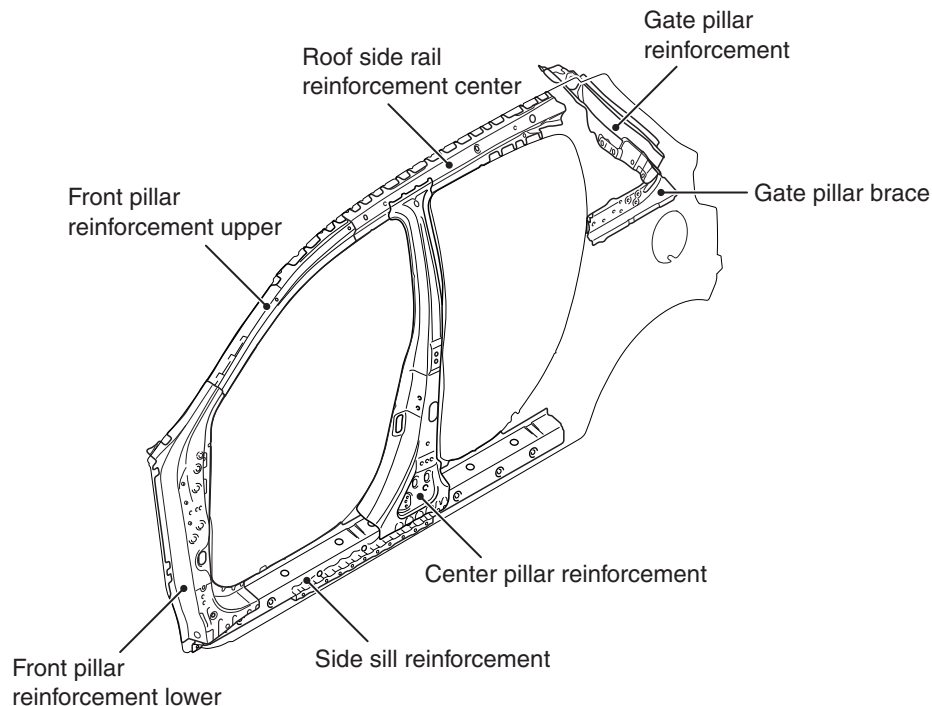
- *: Indicates 590MPa-high-tensile steel panels.
- ** : Indicates 980MPa-ultra-high-tensile steel panels.

ABC00326AB

- | | |
|---|---|
| 1. Front inner pillar lower | 28. Rear light housing |
| 2. Instrument panel side bracket | 29. Quarter outer lower A extension |
| 3. Wiper side bracket | 30. Quarter outer lower B extension |
| 4. Front inner pillar upper | 31. Side outer panel |
| 5. Sunvisor bracket | 32. Rear door striker reinforcement |
| 6. Front roof rail brace | 33. Front fender bracket |
| 7. Center inner pillar lower | 34. Upper outer frame |
| 8. Center inner pillar upper | 35. Front fender bracket |
| 9. Roof side rail inner | 36. Hood hinge reinforcement |
| 10. Seat belt retractor bracket | 37. Side sill reinforcement |
| 11. Center pillar seat belt lower reinforcement | 38. Front pillar reinforcement lower |
| 12. Center pillar seat belt reinforcement | 39. Front pillar bulkhead hinge lower |
| 13. Rear pillar reinforcement | 40. Checker bracket front pillar |
| 14. Gate pillar inner upper extension | 41. Front pillar bulkhead hinge upper |
| 15. Gate pillar inner panel | 42. Deck crossmember bracket |
| 16. Gate pillar reinforcement | 43. Front pillar reinforcement upper |
| 17. Seat belt reinforcement | 44. Roof side rail reinforcement center |
| 18. Rear seat striker reinforcement | 45. Center pillar reinforcement |
| 19. Gate pillar brace | 46. Rear door hinge reinforcement |
| 20. Side sill rear end plate | 47. Side sill bulkhead |
| 21. Rear wheel house inner panel | 48. Side sill reinforcement outer support |
| 22. Rear wheel house inner extension | 49. Side sill reinforcement support front |
| 23. Absorber reinforcement | 50. Rail roof side support |
| 24. Quarter panel lower inner | 51. Center pillar reinforcement lower |
| 25. Filler neck bracket (Left side) | 52. Side sill reinforcement support rear |
| 26. Quarter outer upper B extension | 53. Side sill support rear |
| 27. Quarter outer upper A extension | |

SIDE STRUCTURE REINFORCEMENT

The ring structure of the side structure reinforcement has been adopted to improve the collision characteristics and the rigidity of the whole vehicle.



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REAR BODY
REAR END PANEL

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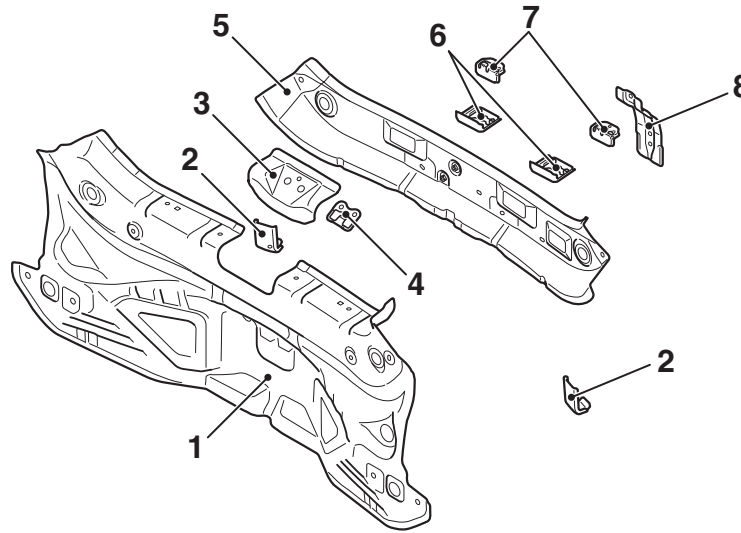


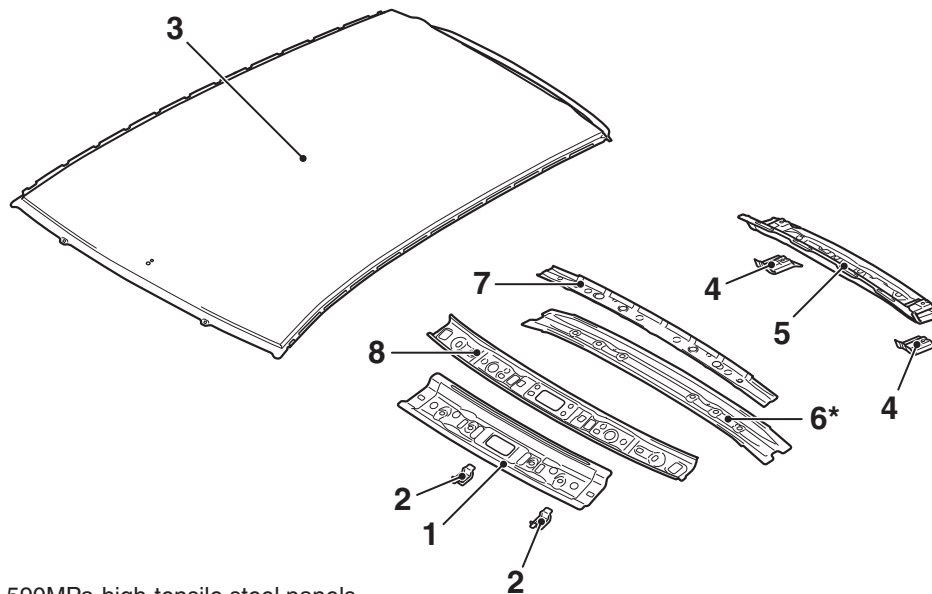
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- | | |
|--------------------------------|-------------------------------|
| 1. Rear end inner panel | 5. Rear end outer panel |
| 2. Bumper bracket lower | 6. Rear bumper reinforcement |
| 3. Liftgate lock reinforcement | 7. Rear license light bracket |
| 4. Nut plate | 8. Garage Jack reinforcement |

ROOF

The 590-MPa class high tensile strength steel panels has been adopted for the roof bow to improve the body strength.

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NOTE: *: Indicates 590MPa-high-tensile steel panels.

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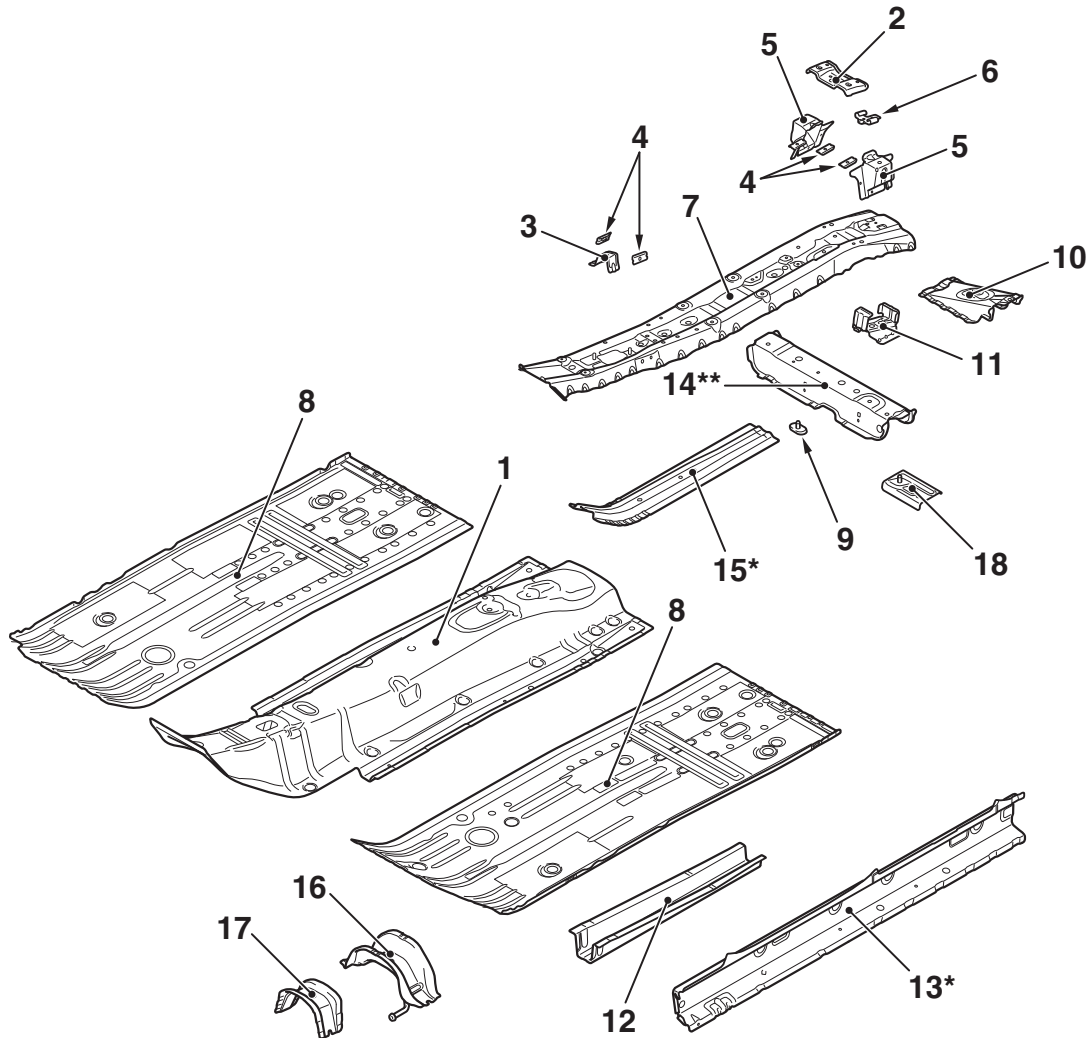
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|---------------------------------|----------------------------------|
| 1. Roof front rail inner | 5. Roof rear rail inner |
| 2. Holder bracket | 6. Roof bow |
| 3. Roof panel | 7. Roof bow center reinforcement |
| 4. Liftgate hinge reinforcement | 8. Front roof reinforcement rail |

UNDER BODY

M4010014001718

FRONT FLOOR

The 590-MPa class high tensile strength steel panels have been adopted for the front sidemember reinforcement rear and front floor side sill inner and the 980-MPa class ultra high tensile strength steel panels for the front floor front crossmember to improve the body strength.

**NOTE:**

*: Indicates 590MPa-high-tensile steel panels.

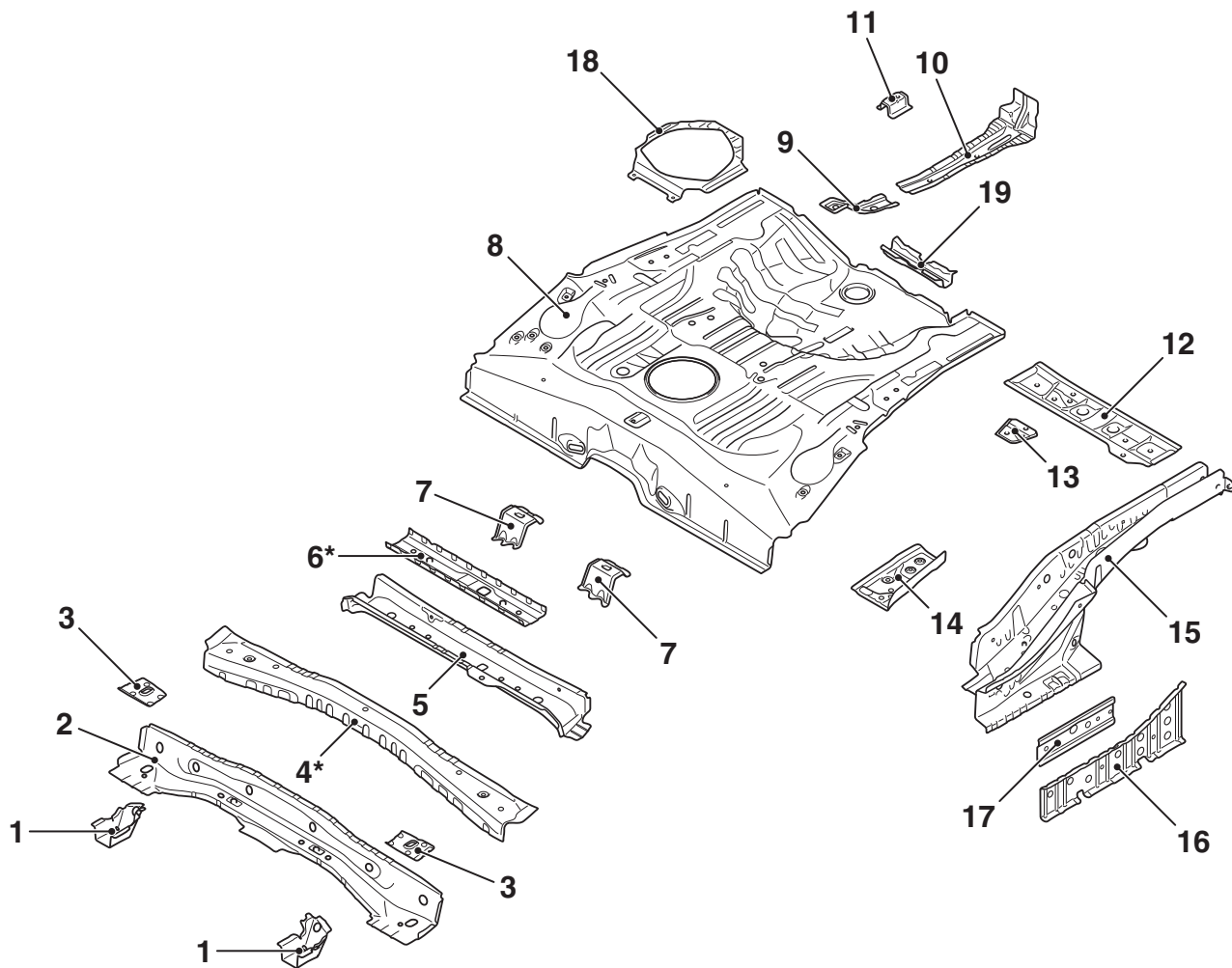
**: Indicates 980MPa-ultra-high-tensile steel panels.

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- | | |
|------------------------------------|---|
| 1. Backbone panel | 10. Front seat side bracket rear |
| 2. Parking lever reinforcement | 11. Jack bracket |
| 3. ECU bracket | 12. Front floor sidemember |
| 4. Nut plate | 13. Front floor side sill inner |
| 5. Front seat center bracket rear | 14. Front floor front crossmember |
| 6. Parking cable bracket | 15. Front sidemember reinforcement rear |
| 7. Backbone reinforcement | 16. Backbone crossmember |
| 8. Front floor side pan | 17. Backbone crossmember front |
| 9. Fuel reinforcement tank support | 18. Front floor crossmember front reinforcement |

REAR FLOOR

The 590-MPa class high tensile strength steel panels have been adopted for the rear seat crossmember reinforcement and rear floor crossmember reinforcement to improve the body strength.



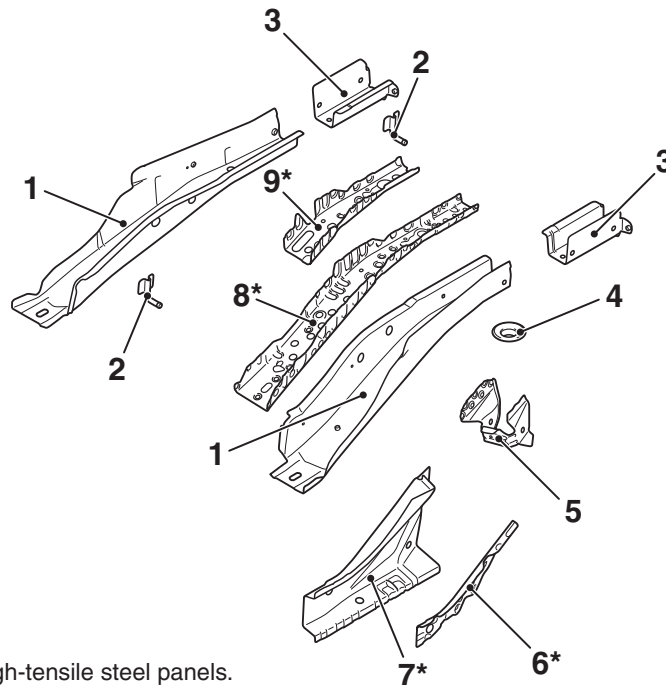
NOTE: *: Indicates 590MPa-high-tensile steel panels.

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- | | |
|---|---|
| 1. Fuel tank protector | 11. Spare tire bracket |
| 2. Rear seat crossmember | 12. Rear seat reinforcement center |
| 3. Tie down reinforcement | 13. Rear seat plate center |
| 4. Rear seat crossmember reinforcement | 14. Rear seat back reinforcement side |
| 5. Rear floor crossmember | 15. Rear floor sidemember |
| 6. Rear floor crossmember reinforcement | 16. Side sill reinforcement inner |
| 7. Rear seat bracket | 17. Side sill reinforcement inner support |
| 8. Rear floor pan | 18. Rear seat pan reinforcement |
| 9. Rear floor stay | 19. Canister bracket |
| 10. Rear towing hook bracket | |

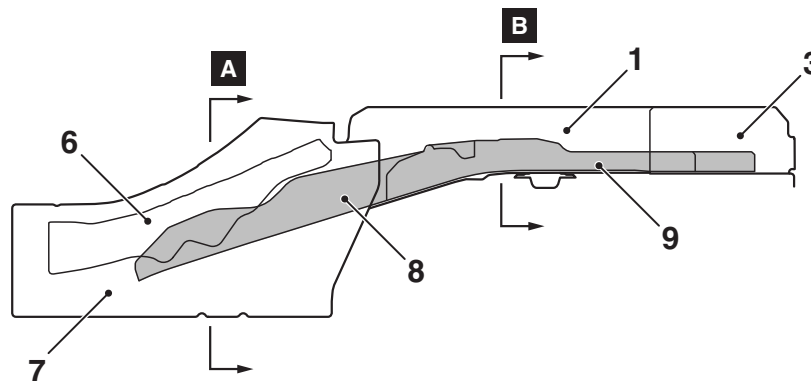
REAR FLOOR SIDEMEMBER REINFORCEMENT

The 590-MPa class high tensile strength steel panels has been adopted for the side inner sill rear to improve the body strength.



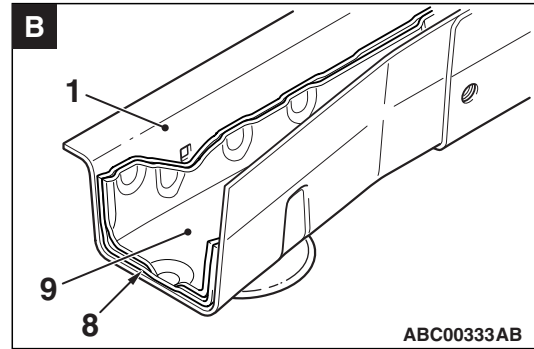
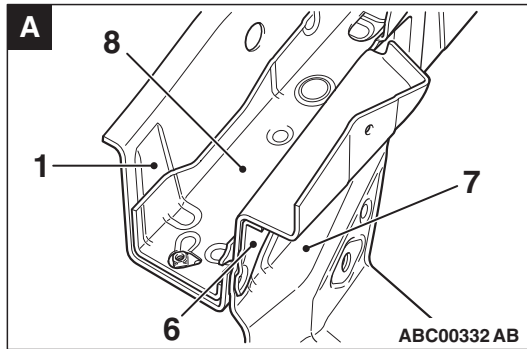
NOTE: *: Indicates 590MPa-high-tensile steel panels.

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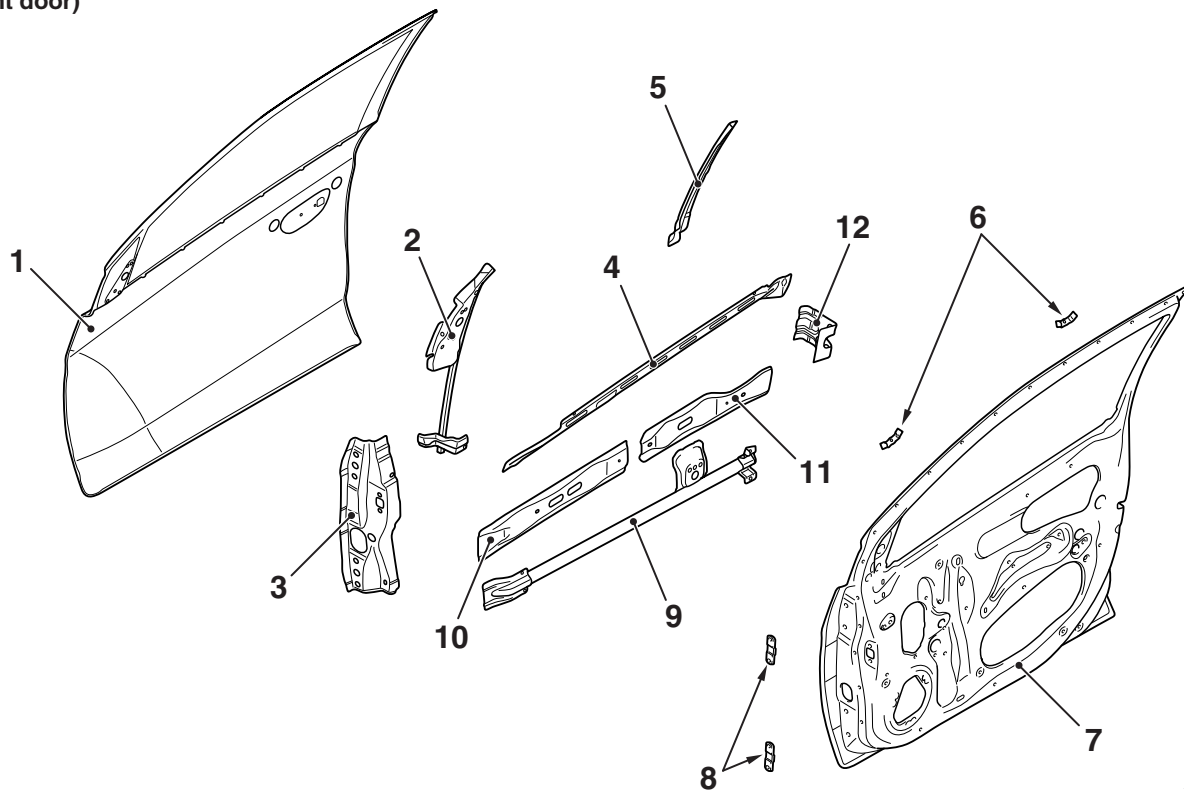
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| 1. Rear floor sidemember | 6. Side sill inner rear reinforcement |
| 2. Muffler hanger A bracket (Right side) | 7. Side inner sill rear |
| 3. Rear floor sidemember extension | 8. Rear floor sidemember reinforcement |
| 4. Spring seat | 9. Rear floor sidemember reinforcement upper |
| 5. Torsion arm support bracket | |



DOOR

M4010015001119

(Front door)



(Rear door)

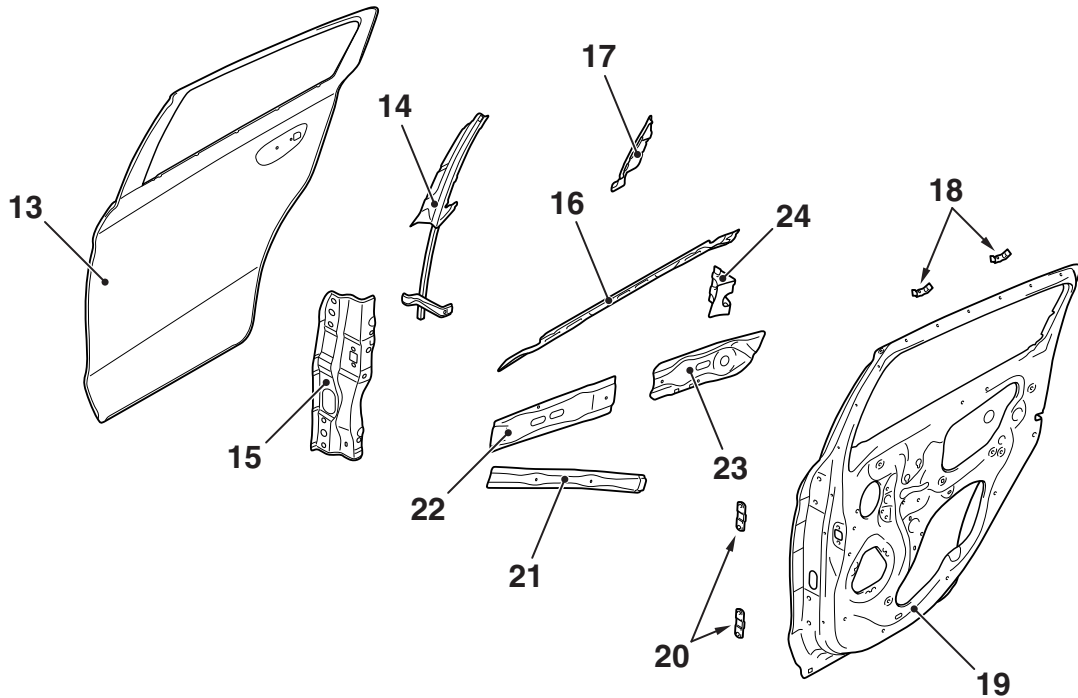


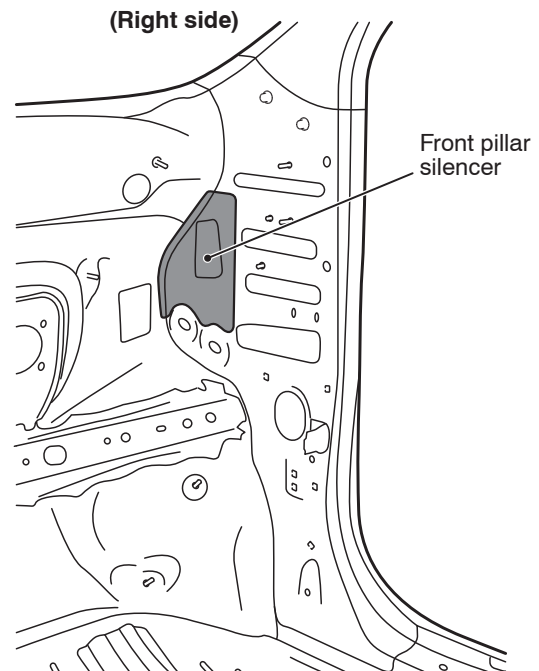
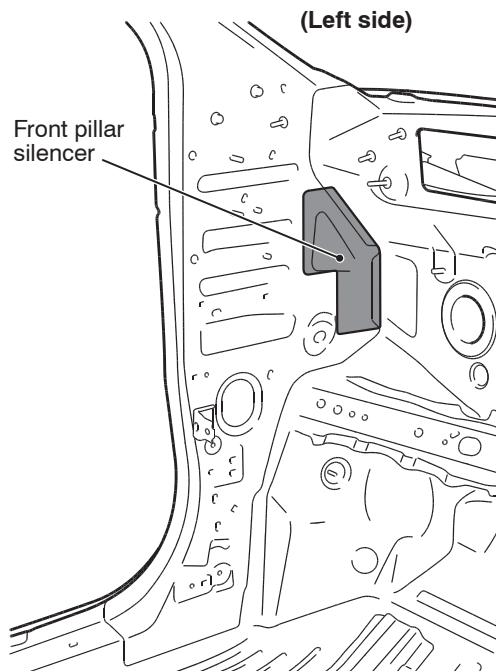
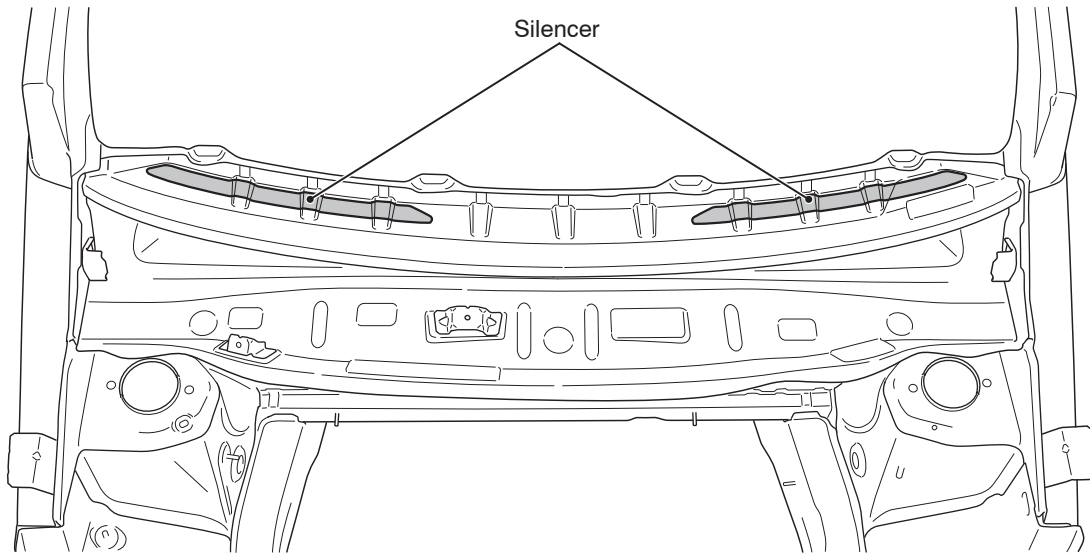
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| 1. Front door panel outer | 13. Rear door panel outer |
| 2. Front door window front sash | 14. Rear door window front sash |
| 3. Front door hinge reinforcement | 15. Rear door hinge reinforcement |
| 4. Front door beltline outer reinforcement | 16. Rear door beltline outer reinforcement |
| 5. Front door glass guide | 17. Rear door glass rear guide |
| 6. Glass stopper | 18. Glass stopper |
| 7. Front door panel inner | 19. Rear door panel inner |
| 8. Nut plate | 20. Nut plate |
| 9. Front door side door beam | 21. Rear door outer lower stiffener |
| 10. Front door outer front stiffener | 22. Rear door outer upper front stiffener |
| 11. Front door outer rear stiffener | 23. Rear door outer upper rear stiffener |
| 12. Front door latch reinforcement | 24. Rear door latch reinforcement |

SILENCER APPLICATION LOCATIONS

M4010005002627

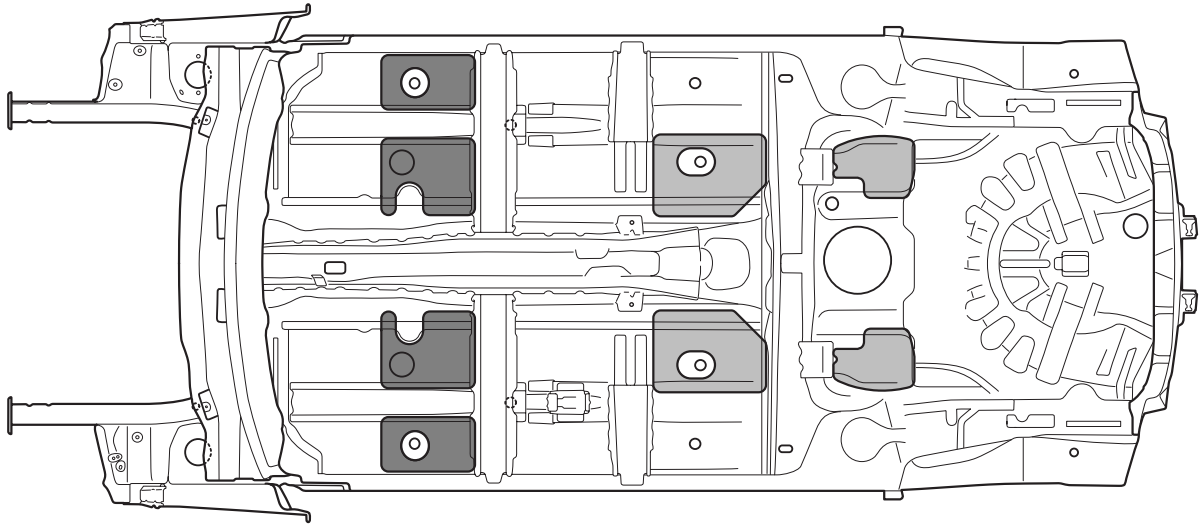
- In order to suppress noise, a silencer (melting sheet) has been adhered on the cowl top outer panel.
- In order to suppress noise, a front pillar silencer (damping sheet) has been adhered on the front inner pillar lower.
- A silencer (melting sheet) has been affixed on the upper surface of the floor for vibration dampening.



NOTE:

- : 1.5 mm (0.06 in) thick melting sheet (Place a melting sheet.)
■ : 2.0 mm (0.08 in) thick damp sheet (Place two melting sheet one on top of another.)
() indicates the number of 1.6 mm (0.06 in) melting sheets that are used for repair.

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NOTE:

□: 1.6 mm (0.06 in) thick melting sheet (Place a melting sheet.)

■: 3.2 mm (0.13 in) thick damp sheet (Place two melting sheet one on top of another.)

() indicates the number of 1.6 mm (0.06 in) melting sheets that are used for repair.

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URETHANE FOAM USAGE LOCATIONS

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- A front door inner panel pad (urethane foam) is inserted in the front door sash to reduce the transfer of noises to the interior.
- In order to suppress noise, a center pillar pad (urethane foam) has been filled in the bottom of the center pillar.

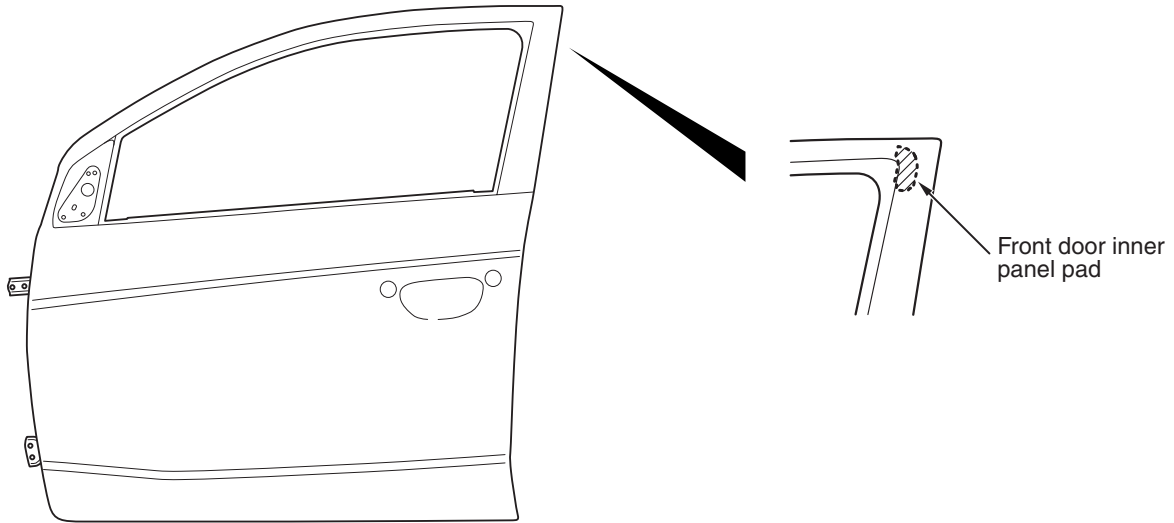
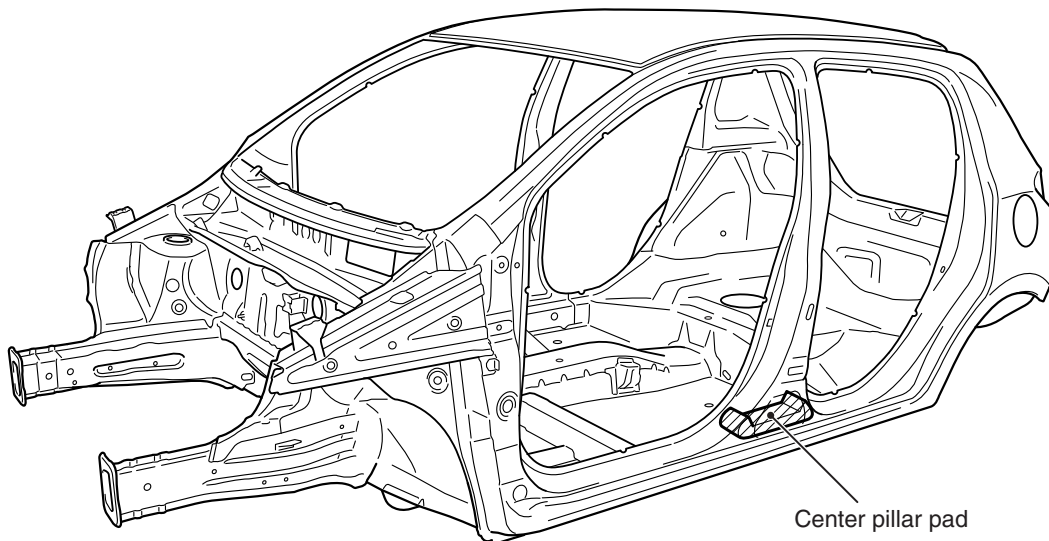


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