

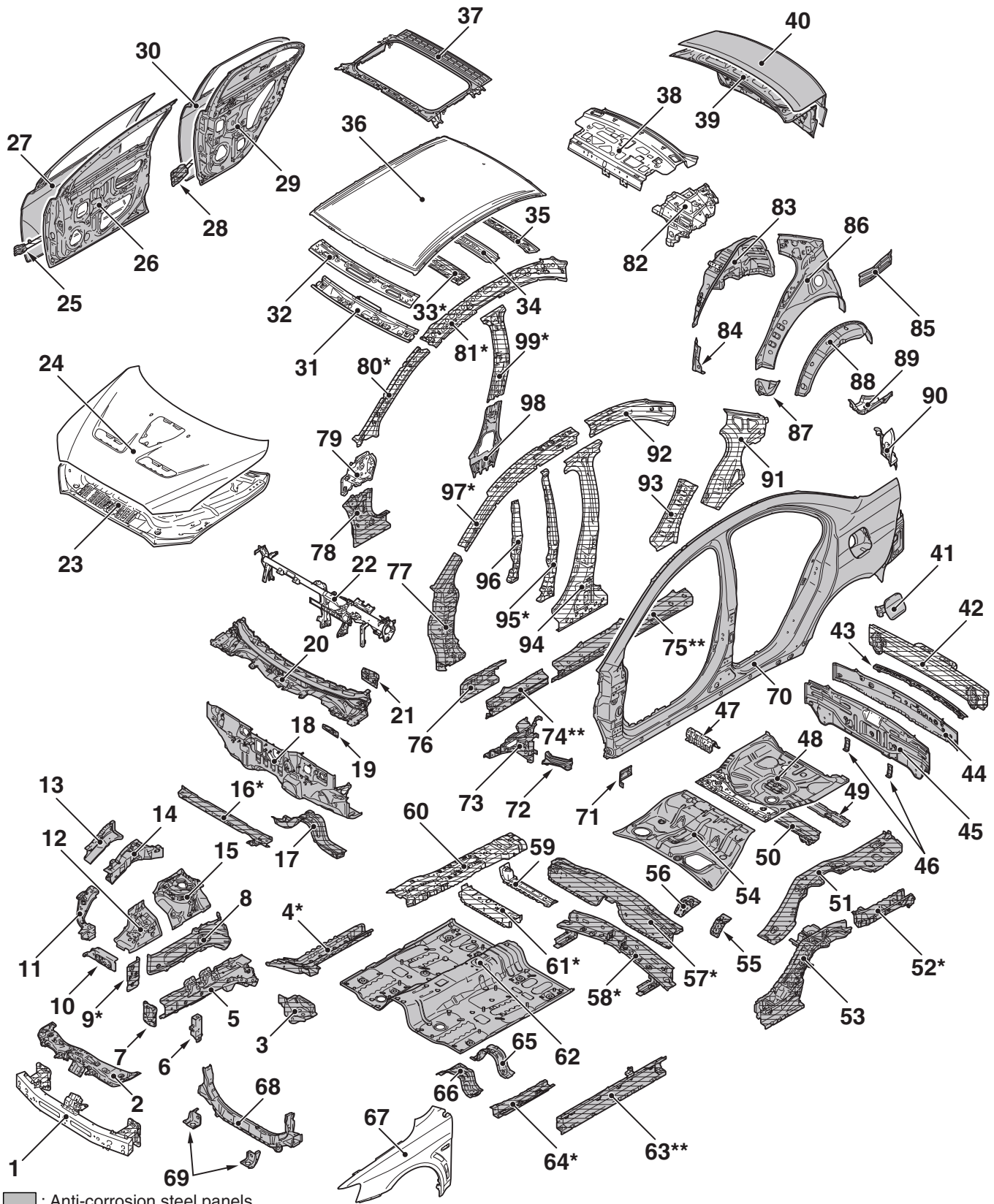
## GROUP 1

# BODY CONSTRUCTION

## CONTENTS

<b>BODY COMPONENTS</b> .....	<b>1-2</b>	UNDER BODY .....	1-20
		DOOR .....	1-24
<b>BODY MAIN CROSS-SECTIONAL VIEWS</b> .....	<b>1-4</b>	<b>SILENCER APPLICATION LOCATIONS</b> .....	<b>1-25</b>
<b>MAINTENANCE, SERVICEABILITY</b> .	<b>1-6</b>	<b>FOAMING MATERIAL USAGE LOCATIONS</b> .....	<b>1-26</b>
<b>BODY CONSTRUCTION CHARACTERISTICS</b> .....	<b>1-8</b>	<b>STIFFENER AND DAMP SHEET APPLICATION LOCATIONS</b> .....	<b>1-27</b>
FRONT BODY .....	1-8		
SIDE BODY .....	1-15	<b>THEFT PROTECTION</b> .....	<b>1-28</b>
REAR BODY .....	1-17		
ROOF .....	1-18		

# BODY COMPONENTS

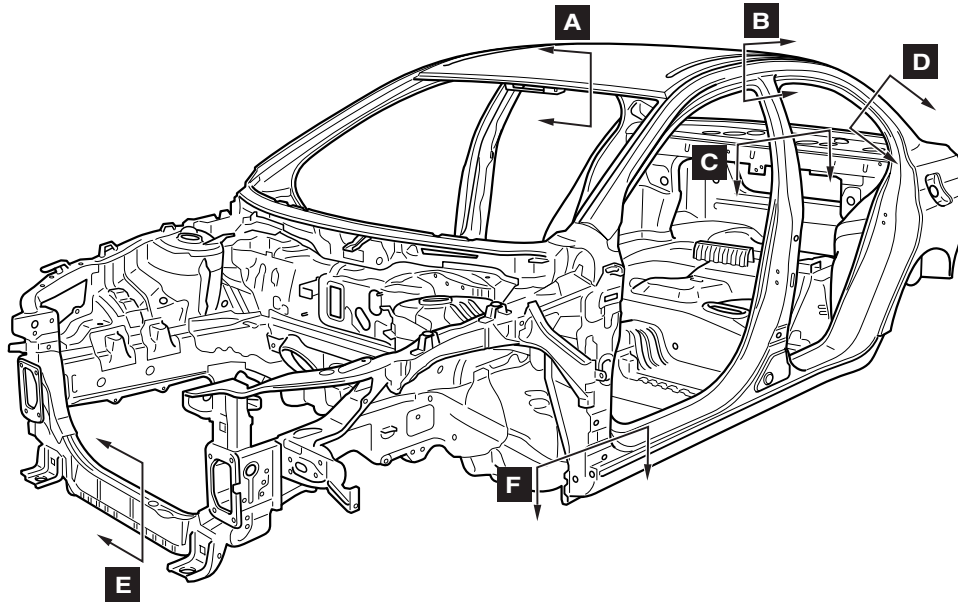


: Anti-corrosion steel panels  
 : High-tensile steel panels (\*: Indicates 590MPa-high-tensile steel panels.)  
 (\*\*: Indicates 980MPa-ultra-high-tensile steel panels.)

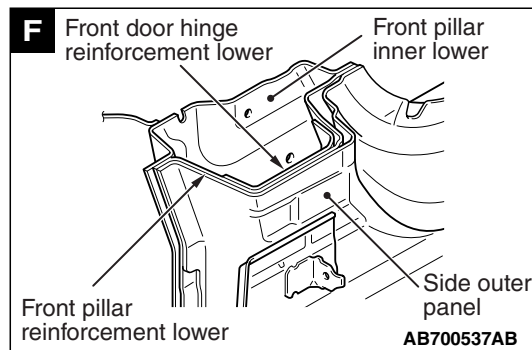
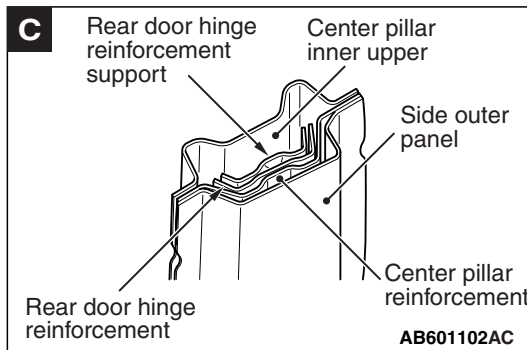
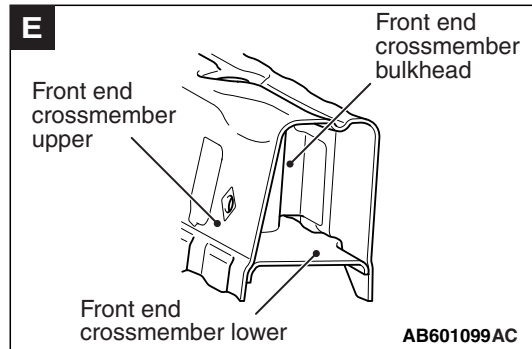
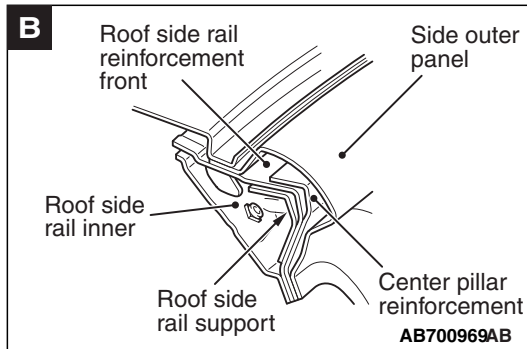
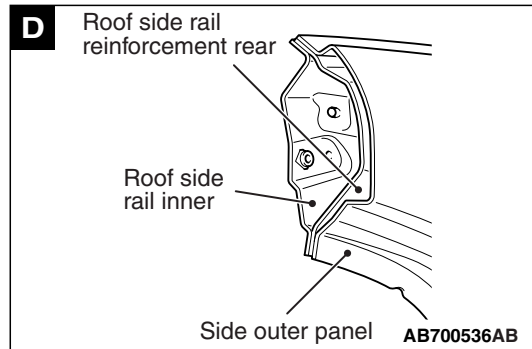
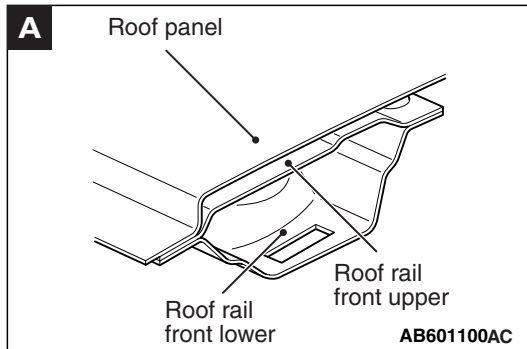
1. Front bumper reinforcement
2. Headlight support panel upper
3. Front body frame to side sill brace
4. Front sidemember rear
5. Front inner sidemember
6. Headlight support panel
7. Front sidemember plate
8. Front outer sidemember
9. Front sidemember extension
10. Front fender gusset
11. Headlight support panel upper
12. Front fender shield
13. Fender shield frame upper outer
14. Fender shield frame upper inner
15. Spring house panel
16. Dash panel crossmember upper
17. Dash panel crossmember lower
18. Dash panel
19. Brake pedal support reinforcement
20. Cowl top panel
21. Brake pedal support bracket
22. Front deck crossmember
23. Hood panel inner
24. Hood panel outer
25. Front door side door beam
26. Front door panel inner
27. Front door panel outer
28. Rear door side door beam
29. Rear door panel inner
30. Rear door panel outer
31. Roof rail front lower
32. Roof rail front upper
33. Roof bow center lower <Vehicles without sunroof (aluminum panel)>
34. Roof bow center upper <Vehicles without sunroof (aluminum panel)>
35. Roof rail rear
36. Roof panel
37. Roof panel reinforcement <Vehicles with sunroof (steel panel)>
38. Rear shelf panel
39. Trunk lid panel inner
40. Trunk lid panel outer
41. Fuel filler door panel (Left side)
42. Rear bumper reinforcement
43. Rear bumper reinforcement
44. Rear end panel outer
45. Rear end panel inner
46. Rear bumper side bracket
47. Rear seatback bracket lower
48. Rear floor
49. Rear floor rear end crossmember
50. Rear floor crossmember
51. Rear floor side panel
52. Rear floor sidemember extension
53. Rear floor sidemember lower
54. Rear seat under floor
55. Rear seat belt reinforcement (Left side)
56. Rear seat belt reinforcement (Right side)
57. Rear floor extension
58. Rear floor rear seat under crossmember
59. Front floor crossmember rear
60. Front floor backbone reinforcement
61. Front floor crossmember front
62. Front floor
63. Front floor side sill inner
64. Front floor sidemember
65. Front floor crossmember rear center
66. Front floor crossmember front
67. Front fender
68. Headlight support panel lower
69. Radiator bracket lower
70. Side outer panel
71. Front fender bracket
72. Upper frame to front pillar brace
73. Front deck frame upper outer
74. Side sill reinforcement outer front
75. Side sill reinforcement outer rear
76. Side sill inner support front
77. Front pillar lower reinforcement
78. Front pillar inner lower
79. Front pillar inner center
80. Front upper inner pillar
81. Roof side rail inner
82. Rear seatback brace
83. Rear wheel house panel inner
84. Rear wheel house panel front lower outer
85. Quarter panel lower inner (Left side)
86. Quarter panel inner
87. Quarter panel extension inner
88. Quarter panel extension lower outer
89. Quarter panel extension outer
90. Rear combination light housing panel
91. Rear pillar reinforcement
92. Roof side rail reinforcement rear
93. Rear pillar reinforcement lower
94. Center pillar reinforcement
95. Rear door hinge reinforcement
96. Rear door hinge reinforcement support
97. Roof side rail reinforcement
98. Center pillar inner lower
99. Center pillar inner upper

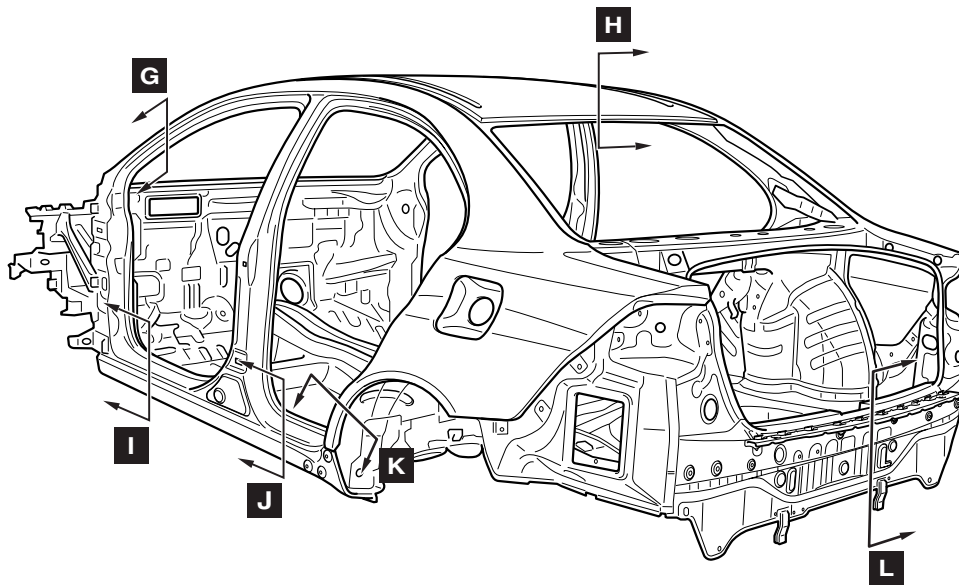
# BODY MAIN CROSS-SECTIONAL VIEWS

M4010002001067

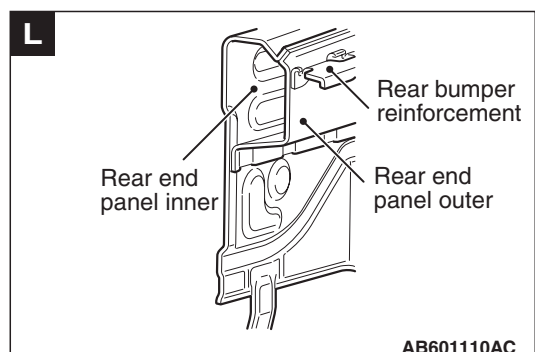
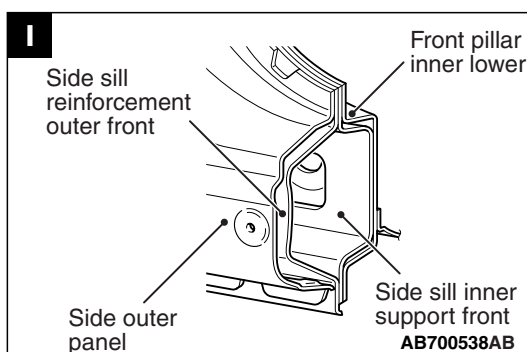
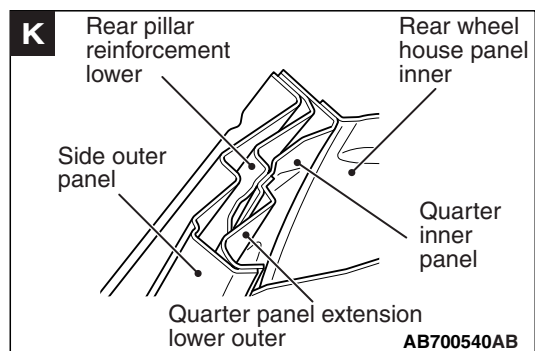
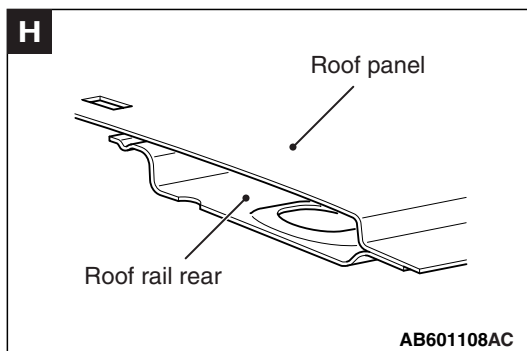
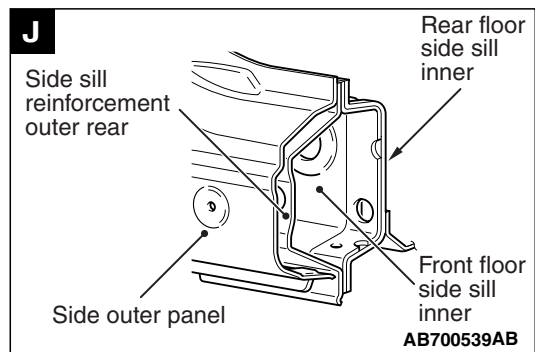
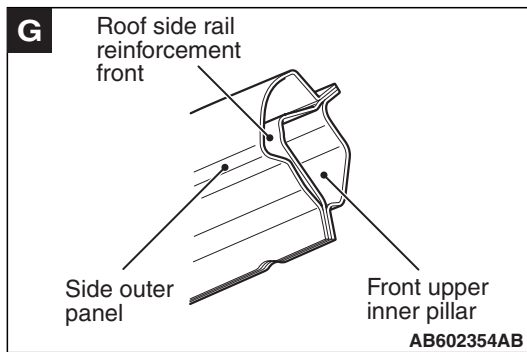


AB700285AB





AB700286AB

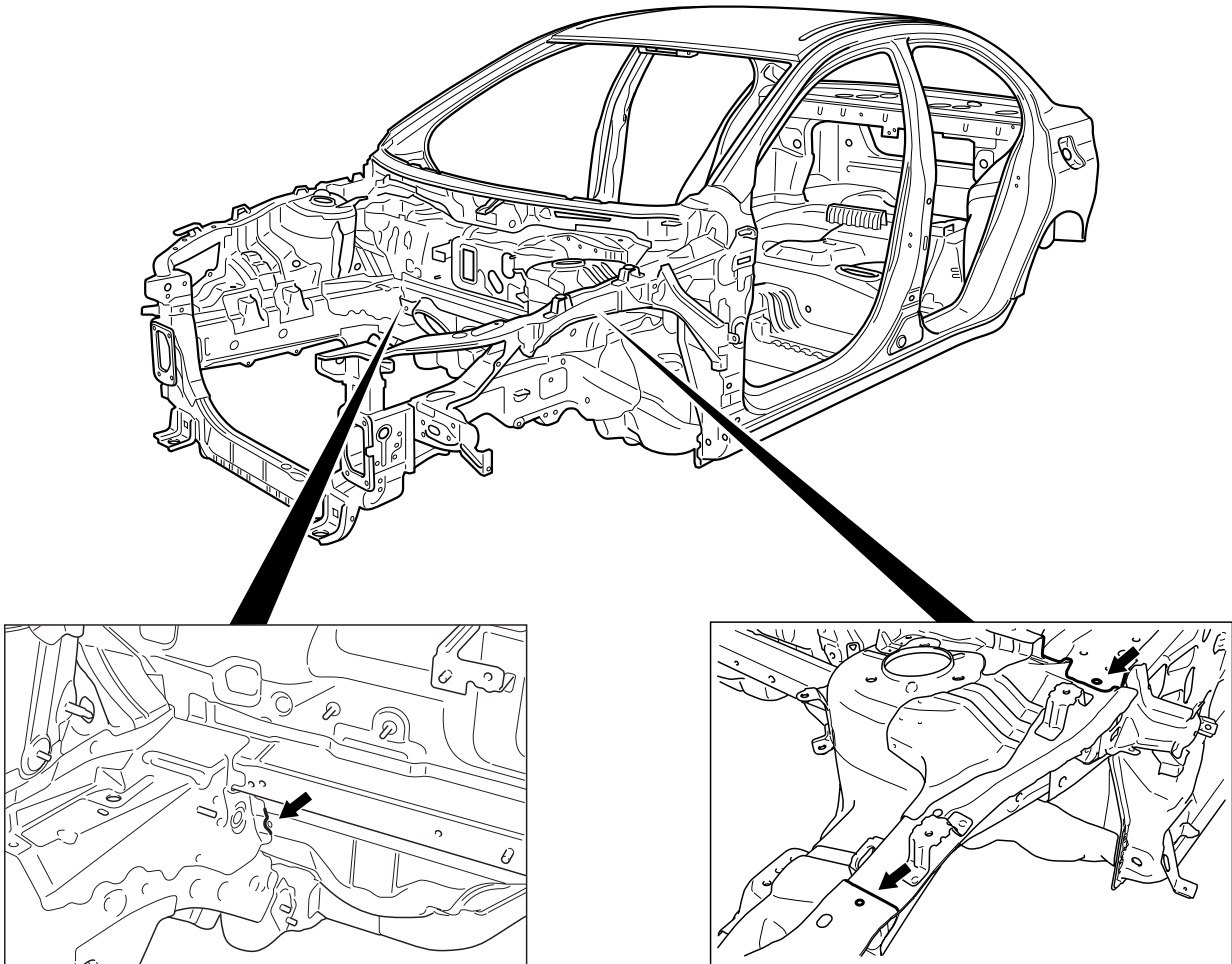


**MAINTENANCE, SERVICEABILITY**

M4010003000948

**FENDER SHIELD**

A positioning hole, lug, and notch have been added on the front end upper bar side, front upper frame inner, upper frame extension inner, front side member brace upper and dash panel to improve assembling workability during panel replacement.

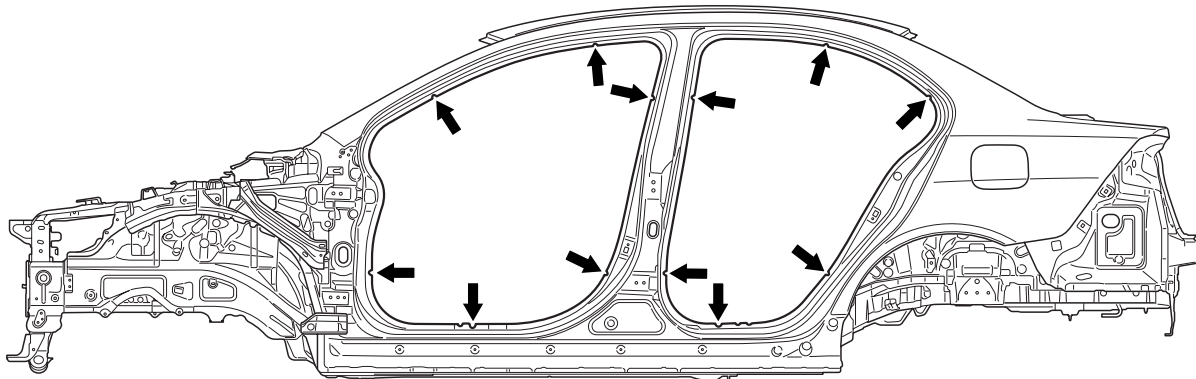
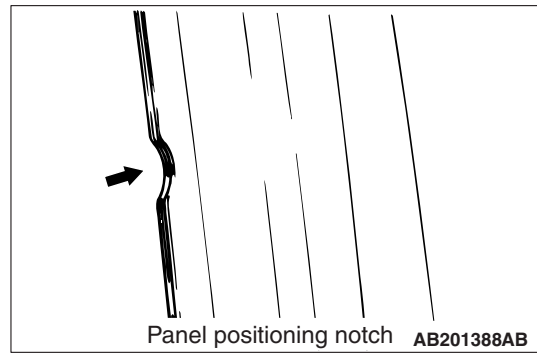


AB700964AB



**SIDE STRUCTURE**

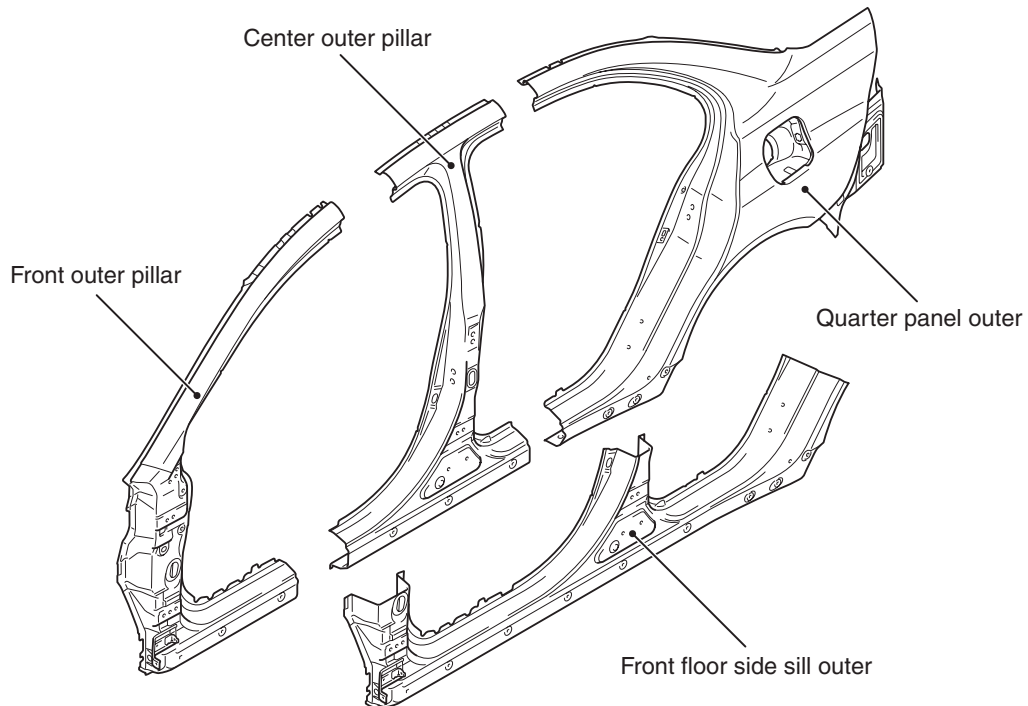
A panel positioning notch has been added on the door opening to improve assembling workability when replacing the panel.



AB700289AB

**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.



AB700613AB

# BODY CONSTRUCTION CHARACTERISTICS

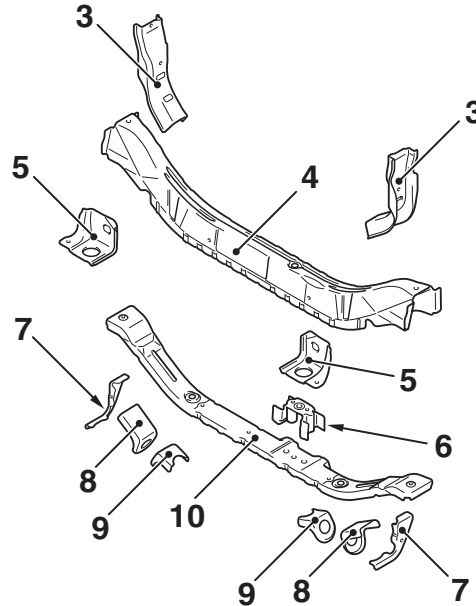
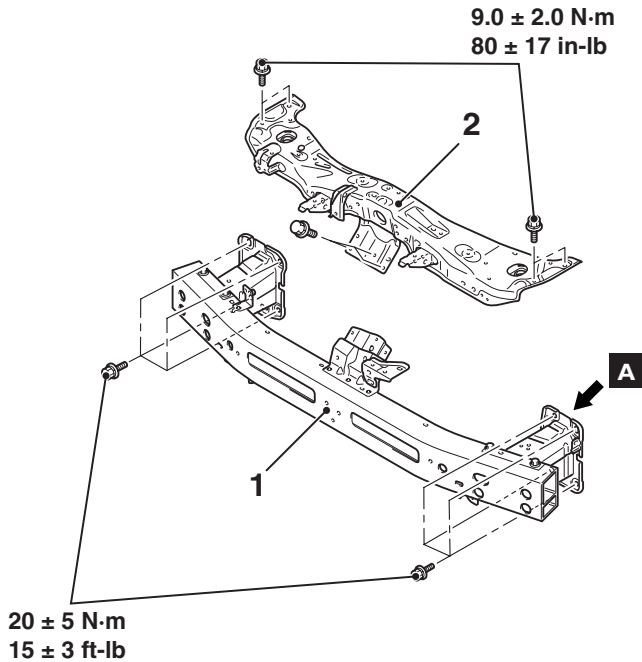
## FRONT BODY

M4010010001200

### HEADLIGHT SUPPORT

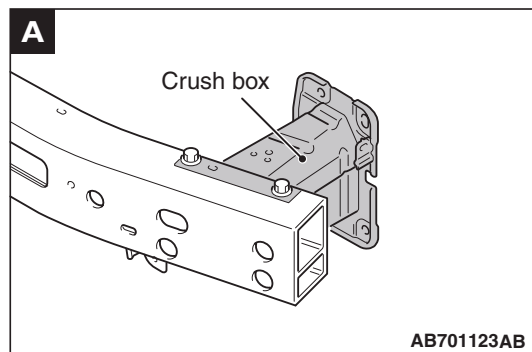
- The crush box structure, which has an octagonal cross-section at the front end of the front side-member, has been adopted. This structure can effectively absorb energy upon frontal impact and reduces the vehicle repair cost caused by a light collision.

- The bolt-on headlight support panel upper is used to improve maintainability.
- An aluminum front bumper reinforcement has been adopted to improve the body rigidity, handling stability, and riding comfort.



1. Front bumper reinforcement
2. Headlight support panel upper
3. Front end crossmember gusset
4. Front end crossmember upper
5. Radiator bracket lower A
6. Front end crossmember bulkhead
7. Radiator bracket lower B
8. Shipping hook front
9. Shipping reinforcement front
10. Front end crossmember lower

AB700911AB



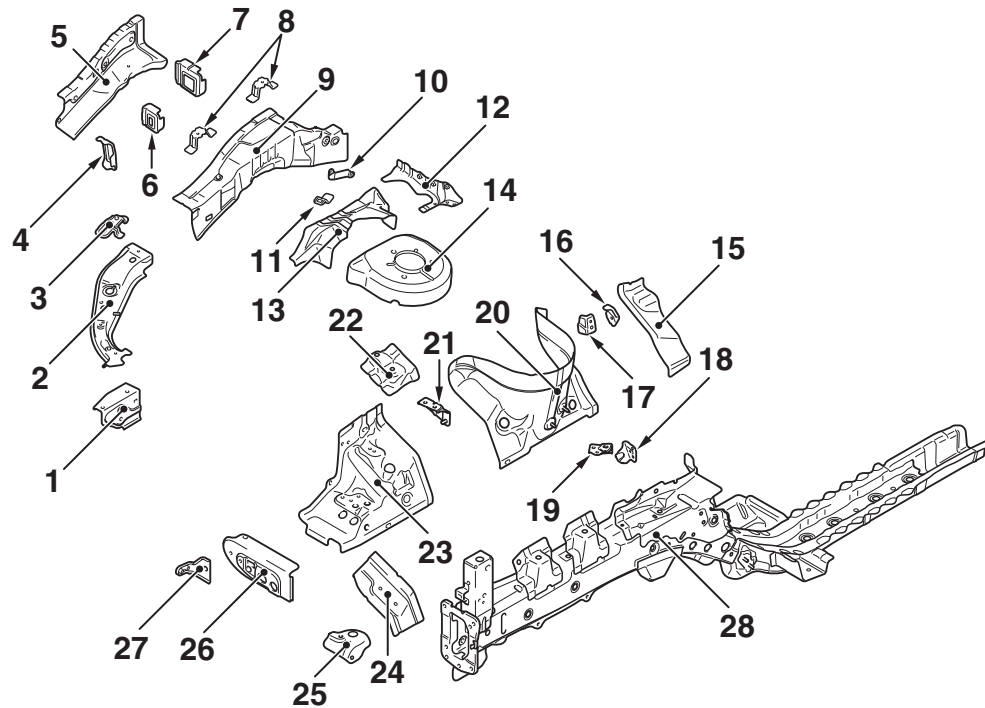
The crush box structure has been changed to straight type with an octagon cross-section so that the structure can effectively absorb energy from the impact at the time of collision.



### FENDER SHIELD

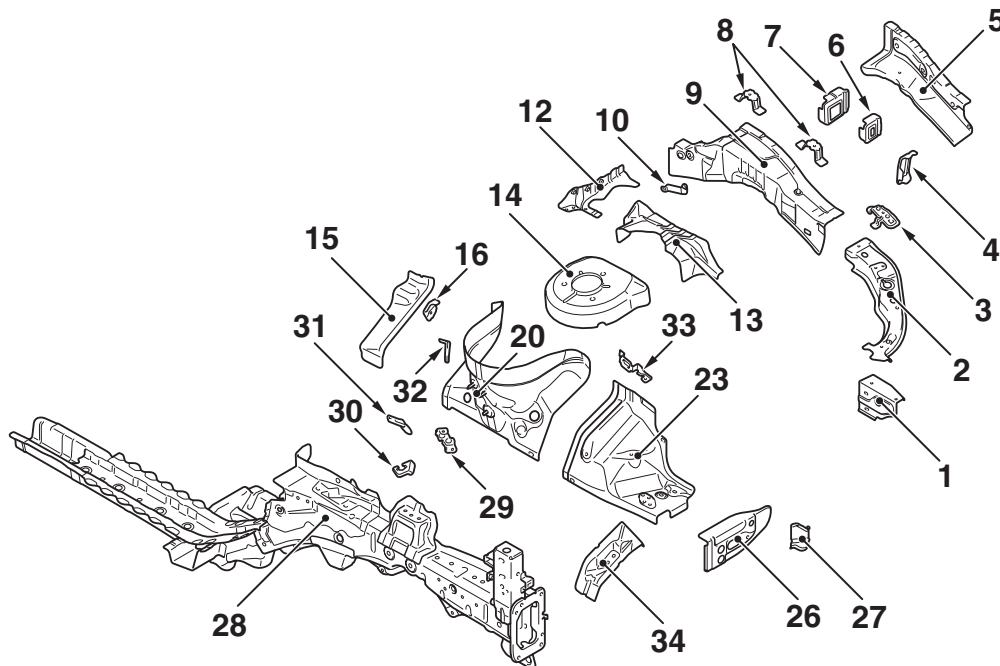
The padding structure of the front fender bracket has been adopted to efficiently absorb energy upon impact by the crushable structure and improve the pedestrian protection capability.

(Right side)



AB700410AB

(Left side)



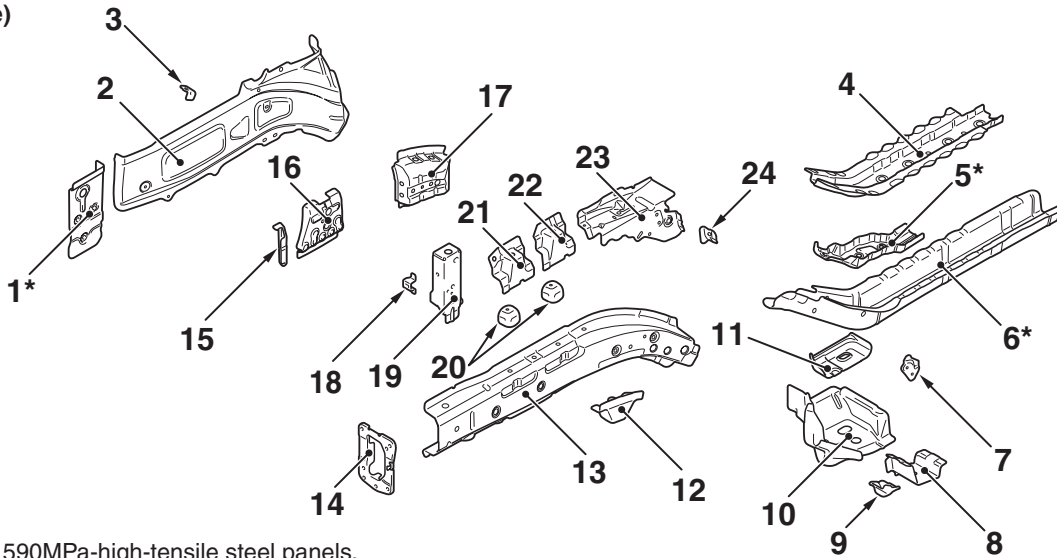
AB700409AB

1. Upper side bar front
2. Front end upper bar side
3. Front fender bracket
4. Upper frame bulkhead front
5. Fender shield frame upper outer
6. Upper frame bulkhead center
7. Upper frame bulkhead rear
8. Front fender bracket
9. Front upper frame inner
10. Upper frame inner plate
11. Harness bracket
12. Spring house corner gusset
13. Spring house bracket reinforcement
14. Spring house bracket front
15. Spring house panel rear
16. Spring house reinforcement rear
17. Horn bracket
18. Spring house harness bracket
19. Suction hose bracket
20. Spring house panel
21. Power steering reservoir tank bracket
22. Engine mounting bracket upper
23. Front fender shield
24. Engine mounting gusset
25. Condense tank reinforcement
26. Fender gusset
27. Front fender bracket
28. Front sidemember
29. Engine control module bracket
30. Clutch tube bracket <M/T>
31. Harness bracket front
32. Harness bracket rear
33. Relay box bracket
34. Transaxle mounting gusset

**FRONT SIDEMEMBER REINFORCEMENT**

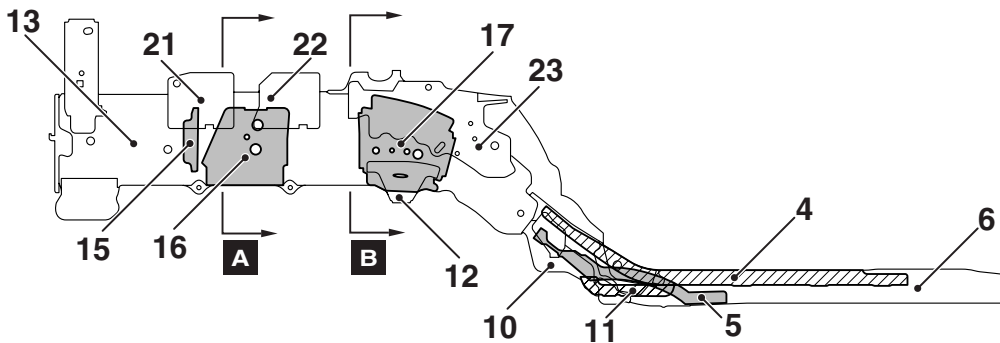
- The front sidemember structure has been changed to a straight frame structure with an octagon cross section that efficiently absorbs energy from the impact at the time of collision.
- The front sidemember is supported in three directions by the dash crossmember center, dash crossmember lower and front sidemember rear in order to improve the frontal collision characteristics, and increase the vehicle body rigidity.

(Right side)



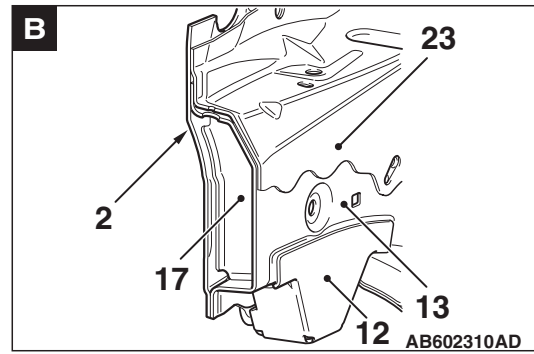
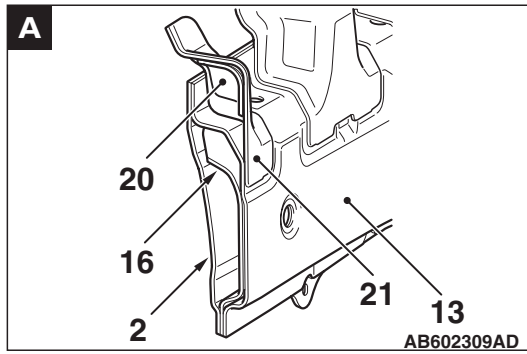
\*: Indicates 590MPa-high-tensile steel panels.

AB700925AB

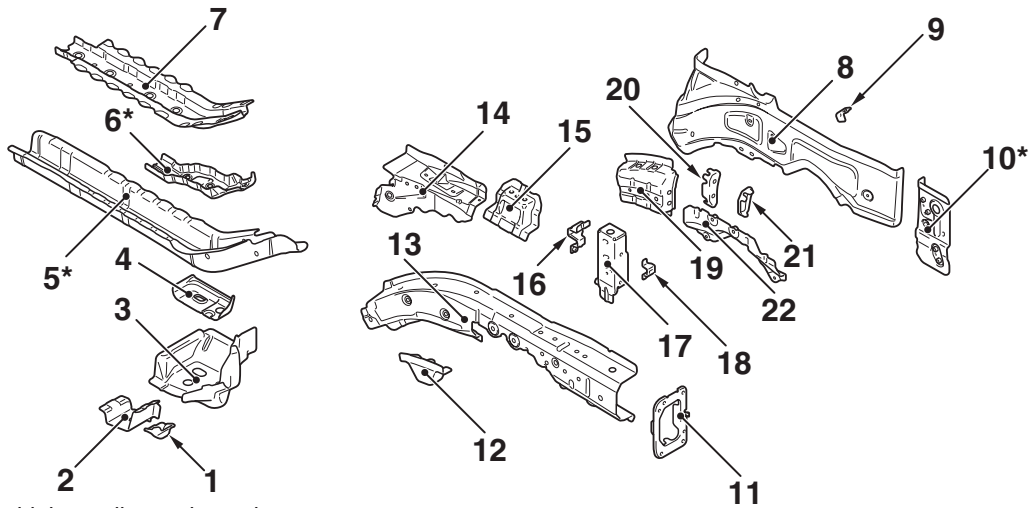


AB700929AC

- |  |   |
|--|---|
| 1. Front sidemember extension                  | 13. Front sidemember inner                |
| 2. Front sidemember outer                      | 14. Front sidemember plate                |
| 3. Front brake hose bracket                    | 15. Front sidemember bulkhead front       |
| 4. Front sidemember reinforcement rear lower   | 16. Engine mounting bulkhead              |
| 5. Front sidemember rear bulkhead              | 17. Front suspension crossmember bulkhead |
| 6. Front sidemember rear                       | 18. Headlight bracket lower               |
| 7. Height sensor bracket                       | 19. Headlight support panel               |
| 8. Dash crossmember extension lower            | 20. Engine mounting reinforcement         |
| 9. I plate bracket                             | 21. Engine mounting bracket front         |
| 10. Front body frame to side sill brace        | 22. Engine mounting bracket rear          |
| 11. Tie down reinforcement front               | 23. Front sidemember brace upper          |
| 12. Front suspension crossmember bracket front | 24. Front sidemember reinforcement rear   |

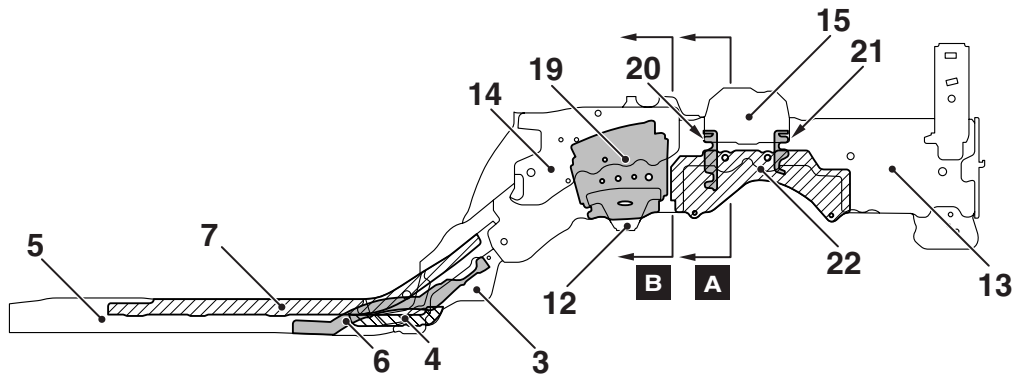


(Left side)



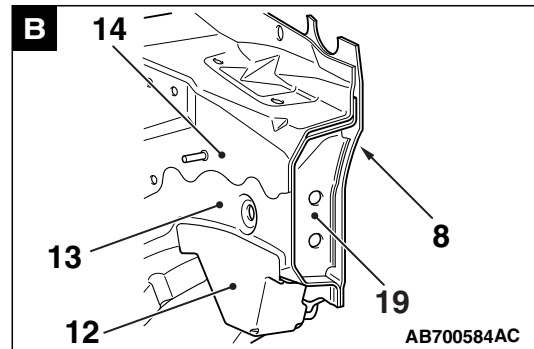
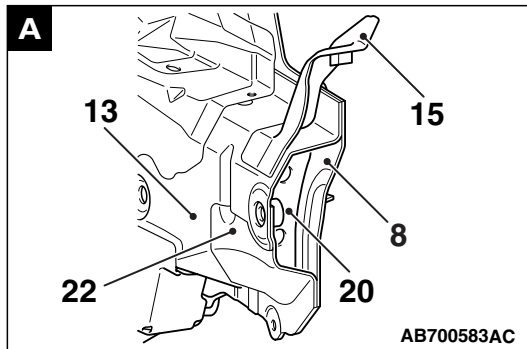
\*: Indicates 590MPa-high-tensile steel panels.

AB700920AB



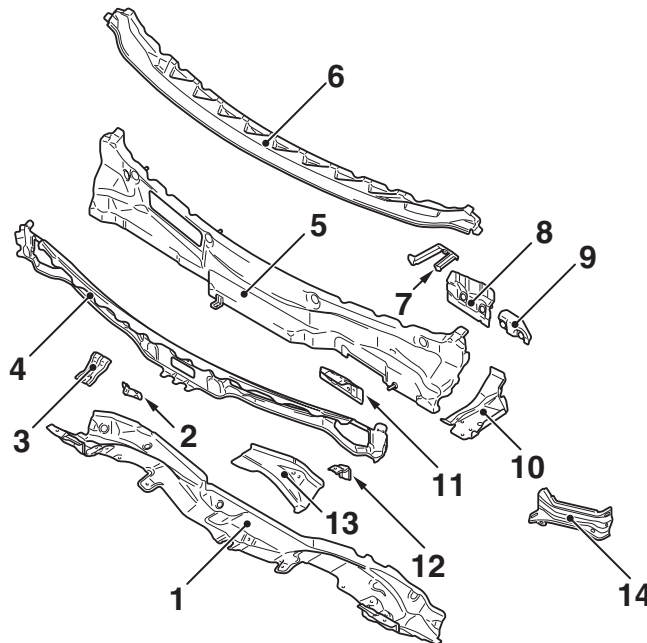
AB700931AC

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>1. I plate bracket</li> <li>2. Dash crossmember extension lower</li> <li>3. Front body frame to side sill brace</li> <li>4. Tie down reinforcement front</li> <li>5. Front sidemember rear</li> <li>6. Front sidemember rear bulkhead</li> <li>7. Front sidemember reinforcement rear lower</li> <li>8. Front sidemember outer</li> <li>9. Front brake hose bracket</li> <li>10. Front sidemember extension</li> <li>11. Front sidemember plate</li> </ul> | <ul style="list-style-type: none"> <li>12. Front suspension crossmember bracket front</li> <li>13. Front sidemember inner</li> <li>14. Front sidemember brace upper</li> <li>15. Transaxle mounting bracket</li> <li>16. Connector bracket</li> <li>17. Headlight support panel</li> <li>18. Headlight bracket lower</li> <li>19. Front suspension crossmember bulkhead</li> <li>20. Transaxle mounting bulkhead rear</li> <li>21. Transaxle mounting bulkhead front</li> <li>22. Front sidemember reinforcement</li> </ul> |
|---|---|



**FRONT DECK**

- The impact absorbing opening on the cowl top outer reinforcement upper has been added to efficiently absorb energy upon impact and improve the pedestrian protection capability.
- Rigidity was heightened and driving stability was improved by bonding the fender shield frame upper outer and front pillar by the upper frame to front pillar brace.

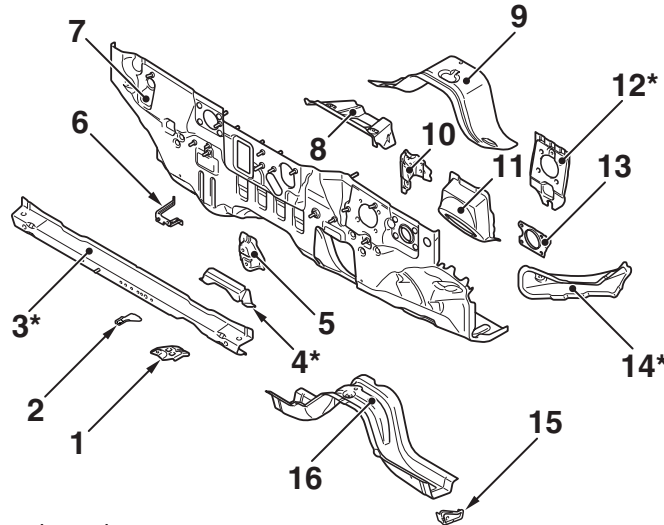


AB602289AC

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>1. Cowl top panel lower</li> <li>2. Wiper B bracket</li> <li>3. Cowl top stay bracket rear</li> <li>4. Cowl top outer reinforcement upper</li> <li>5. Cowl top panel inner</li> <li>6. Cowl top panel outer</li> <li>7. Deck crossmember stay bracket</li> </ul> | <ul style="list-style-type: none"> <li>8. Brake pedal support bracket</li> <li>9. Clutch pedal support bracket &lt;M/T&gt;</li> <li>10. Upper frame extension inner</li> <li>11. Brake pedal support reinforcement</li> <li>12. Front fender bracket</li> <li>13. Cowl top outer reinforcement lower</li> <li>14. Upper frame to front pillar brace</li> </ul> |
|---|--|

## DASH PANEL

The 590-MPa class high tensile strength steel panels have been adopted for the dash crossmember center, dash crossmember extension, dash panel reinforcement and dash crossmember side to improve the body rigidity.



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

AB700934AB

- |                                 |  |
|---------------------------------|--|
| 1. Brake tube bracket           | 9. Dash panel lower                        |
| 2. Harness bracket              | 10. Accelerator pedal bracket              |
| 3. Dash crossmember center      | 11. Steering shaft bracket                 |
| 4. Dash crossmember extension   | 12. Dash panel reinforcement               |
| 5. Canister bracket             | 13. Clutch pedal reinforcement lower <M/T> |
| 6. Dash heat protector bracket  | 14. Dash crossmember side                  |
| 7. Dash panel                   | 15. Dash crossmember lower bulkhead        |
| 8. Backbone reinforcement front | 16. Dash crossmember lower                 |



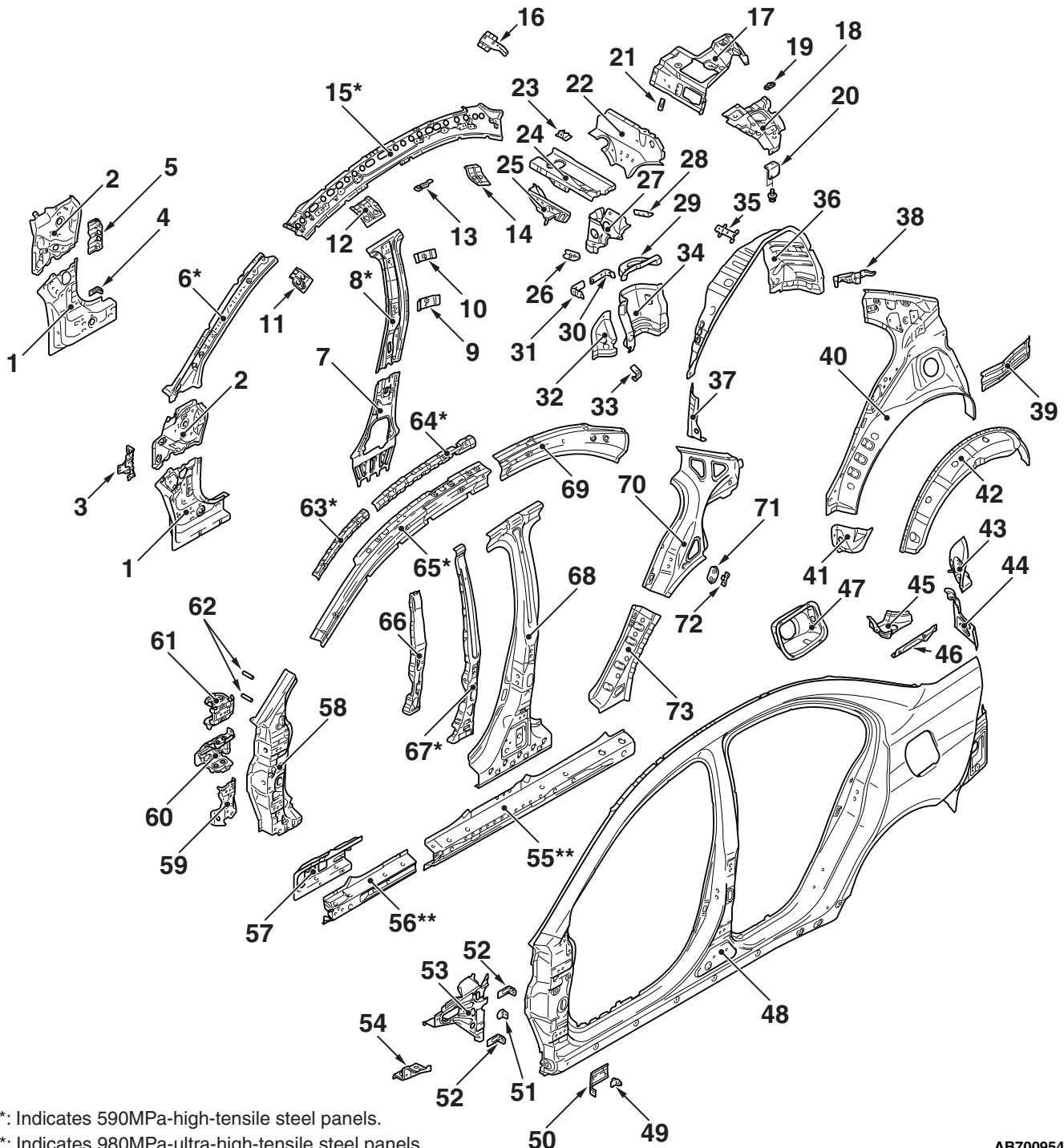
**SIDE BODY**

M4010011001087

**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.
- Rigidity was heightened and driving stability was improved by bonding the roof bow and roof rail and the roof side rail inner by the roof rail extension.

- A rear shelf lower brace is used to connect the spring house middle panel and rear shelf upper brace, so that the body rigidity, handling stability, and riding comfort are improved.
- The number of the spot welding points at the door opening has been increased to heighten the body rigidity and to improve handling stability.



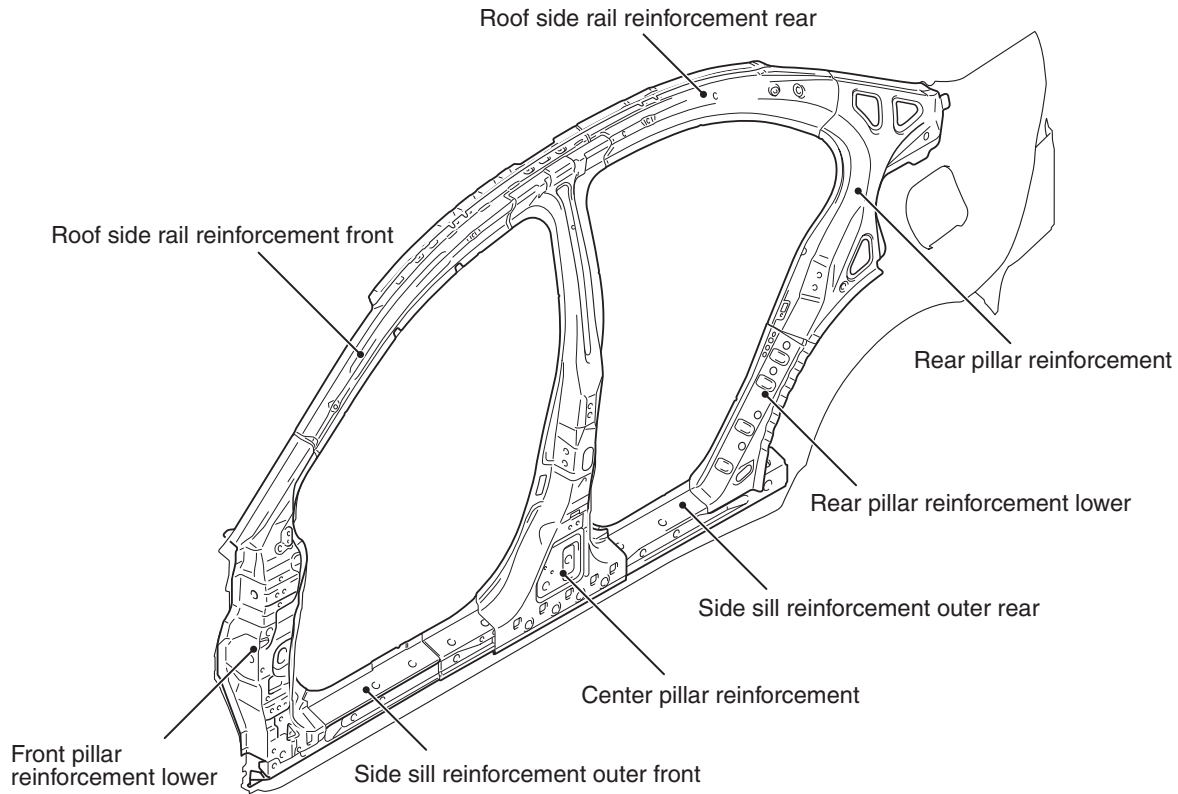
\*: Indicates 590MPa-high-tensile steel panels.

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

- |  |  |
|--|--|
| 1. Front pillar inner lower  | 37. Rear wheel house panel front lower outer   |
| 2. Front pillar inner center   | 38. Curtain air bag bracket                    |
| 3. Hood opener bracket (Left side)   | 39. Quarter panel lower inner (Left side)      |
| 4. Cowl side trim bracket (Right side)                                     | 40. Quarter inner panel                        |
| 5. Deck crossmember bracket (Right side)                                   | 41. Quarter panel extension inner              |
| 6. Front upper inner pillar  | 42. Quarter panel extension lower outer        |
| 7. Center pillar inner lower   | 43. Rear combination light housing             |
| 8. Center pillar inner upper   | 44. Quarter corner panel                       |
| 9. Center pillar seat belt reinforcement lower                             | 45. Quarter outer upper extension              |
| 10. Center pillar seat belt reinforcement upper                            | 46. Quarter outer upper side extension         |
| 11. Roof rail front extension  | 47. Fuel filler neck bracket (Left side)       |
| 12. Roof rail center extension <Vehicles without sunroof (aluminum panel)> | 48. Side outer panel                           |
| 13. Bracket C <Vehicles with sunroof (steel panel)>                        | 49. Fender bracket                             |
| 14. Roof rail rear extension   | 50. Fender bracket lower                       |
| 15. Roof side rail inner   | 51. Front fender bracket                       |
| 16. Harness bracket (Right side)   | 52. Cowl side trim bracket                     |
| 17. Rear shelf upper brace   | 53. Front upper outer frame rear               |
| 18. Rear seat belt reinforcement   | 54. Upper frame outer reinforcement            |
| 19. Nut plate <Vehicles with subwoofer>                                    | 55. Side sill reinforcement outer rear         |
| 20. Subwoofer upper bracket <Vehicles with subwoofer>                      | 56. Side sill reinforcement outer front        |
| 21. Rear seat hook A   | 57. Side sill inner support front              |
| 22. Rear seatback brace rear   | 58. Front pillar reinforcement lower           |
| 23. Rear seatback plate reinforcement                                      | 59. Front door hinge reinforcement lower       |
| 24. Rear seatback brace bulkhead   | 60. Front pillar reinforcement center bulkhead |
| 25. Rear seatback brace front  | 61. Front door hinge reinforcement upper       |
| 26. Rear spring house reinforcement upper front                            | 62. Deck support pipe (Left side)              |
| 27. Rear shelf lower brace   | 63. Front pillar support                       |
| 28. Rear spring house reinforcement upper rear                             | 64. Roof side rail support                     |
| 29. Rear spring house bracket  | 65. Roof side rail reinforcement front         |
| 30. Trunk trim bracket   | 66. Rear door hinge reinforcement support      |
| 31. Washer tank center bracket (Left side)                                 | 67. Rear door hinge reinforcement              |
| 32. Spring house middle front panel (Left side)                            | 68. Center pillar reinforcement                |
| 33. Filler pipe mounting bracket (Left side)                               | 69. Roof side rail reinforcement rear          |
| 34. Spring house middle panel  | 70. Rear pillar reinforcement                  |
| 35. Harness bracket (Left side)  | 71. Flap gate striker reinforcement            |
| 36. Rear wheel house panel inner   | 72. Nut plate                                  |
|  | 73. Rear pillar reinforcement lower            |

**SIDE STRUCTURE REINFORCEMENT**

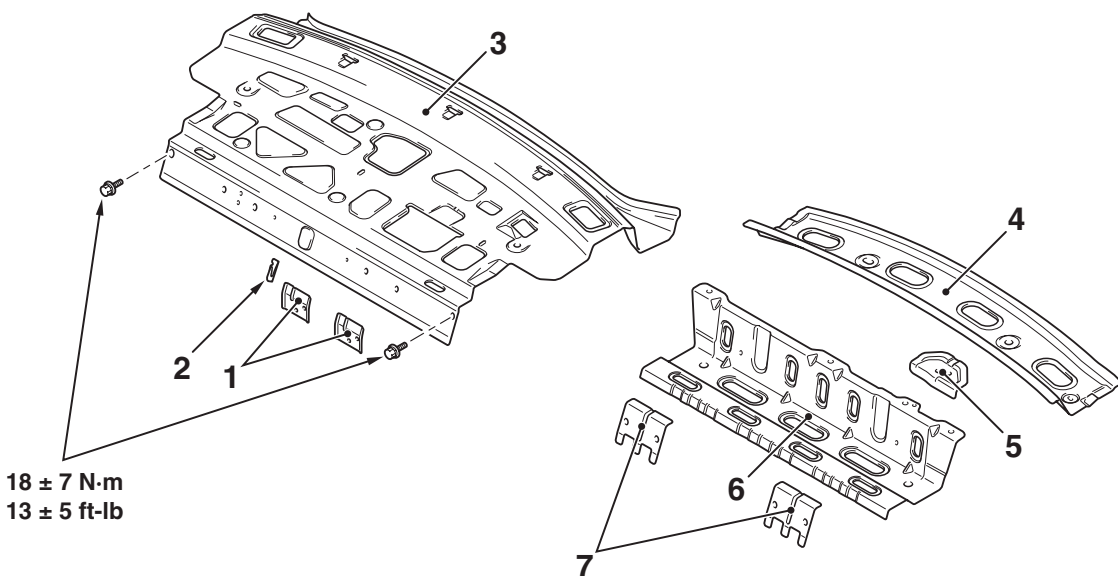
The ring structure of the side structure reinforcement has been adopted to improve the collision characteristics and the rigidity of the whole vehicle.



AB700608AB

M4010012000764

**REAR BODY**  
**REAR DECK**

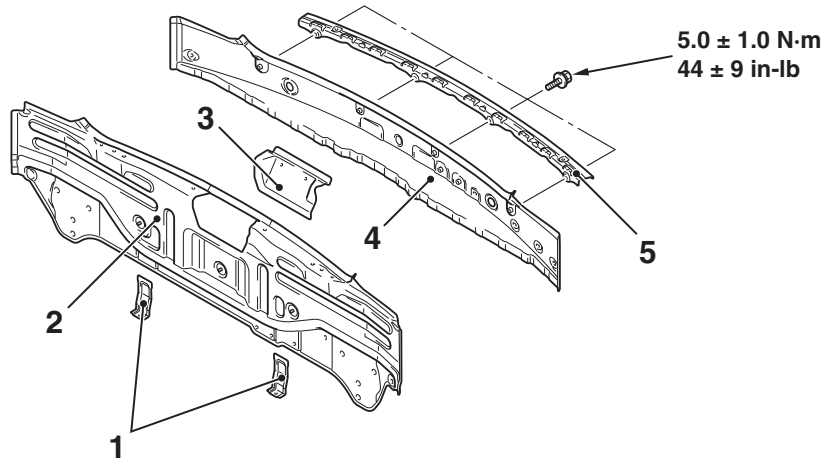


AB700406AB

1. Washer tank bracket upper
2. Rear seat hook A
3. Rear shelf panel
4. Rear shelf reinforcement

5. Seat belt reinforcement center
6. Rear shelf extension
7. Rear seatback reinforcement

## REAR END PANEL



AB700570AB

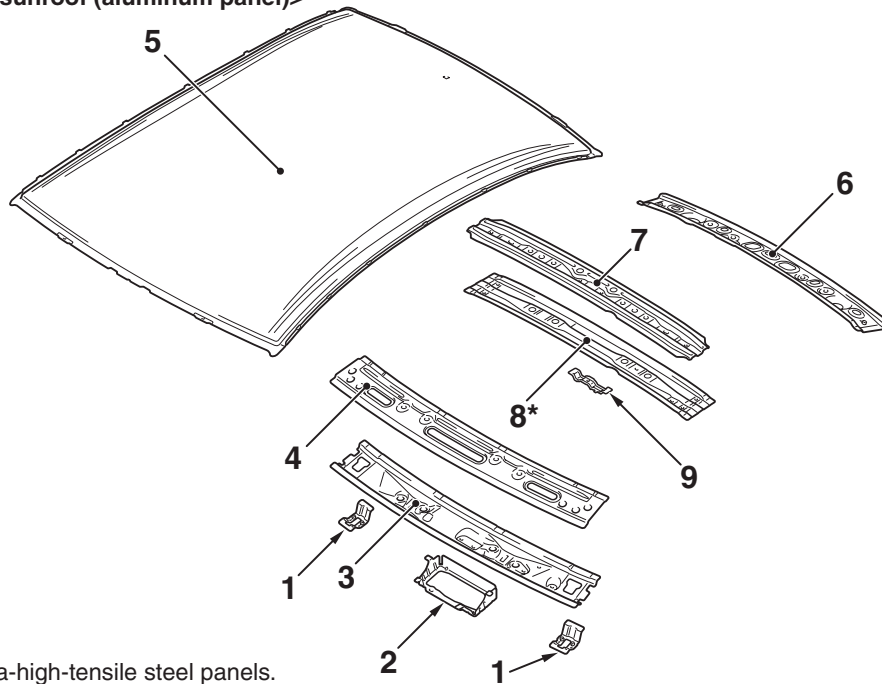
- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. Rear bumper side bracket</li> <li>2. Rear end panel inner</li> <li>3. Trunk lid striker reinforcement</li> </ol> | <ol style="list-style-type: none"> <li>4. Rear end panel outer</li> <li>5. Rear bumper reinforcement</li> </ol> |
|--|---|

## ROOF

- An aluminum roof panel has been adopted to improve lightweightness for greater handling stability. <Vehicles without sunroof (aluminum panel)>
- The closed section structure has been adopted for the roof rail front and the roof bow center to heighten body rigidity, improve handling stability and riding comfort, and to reduce vibration and noise.
- The 590-MPa class high tensile strength steel panel has been adopted for the roof bow center lower to improve the body rigidity. <Vehicles without sunroof (aluminum panel)>

M4010013001306

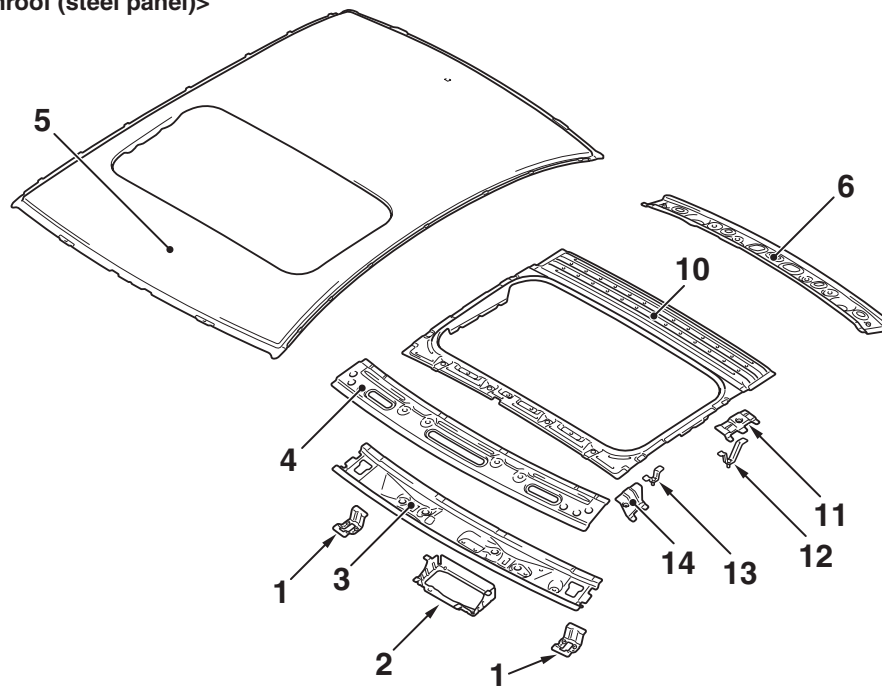
<Vehicles without sunroof (aluminum panel)>



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

AB700936AB

<Vehicles with sunroof (steel panel)>



AB700863AE

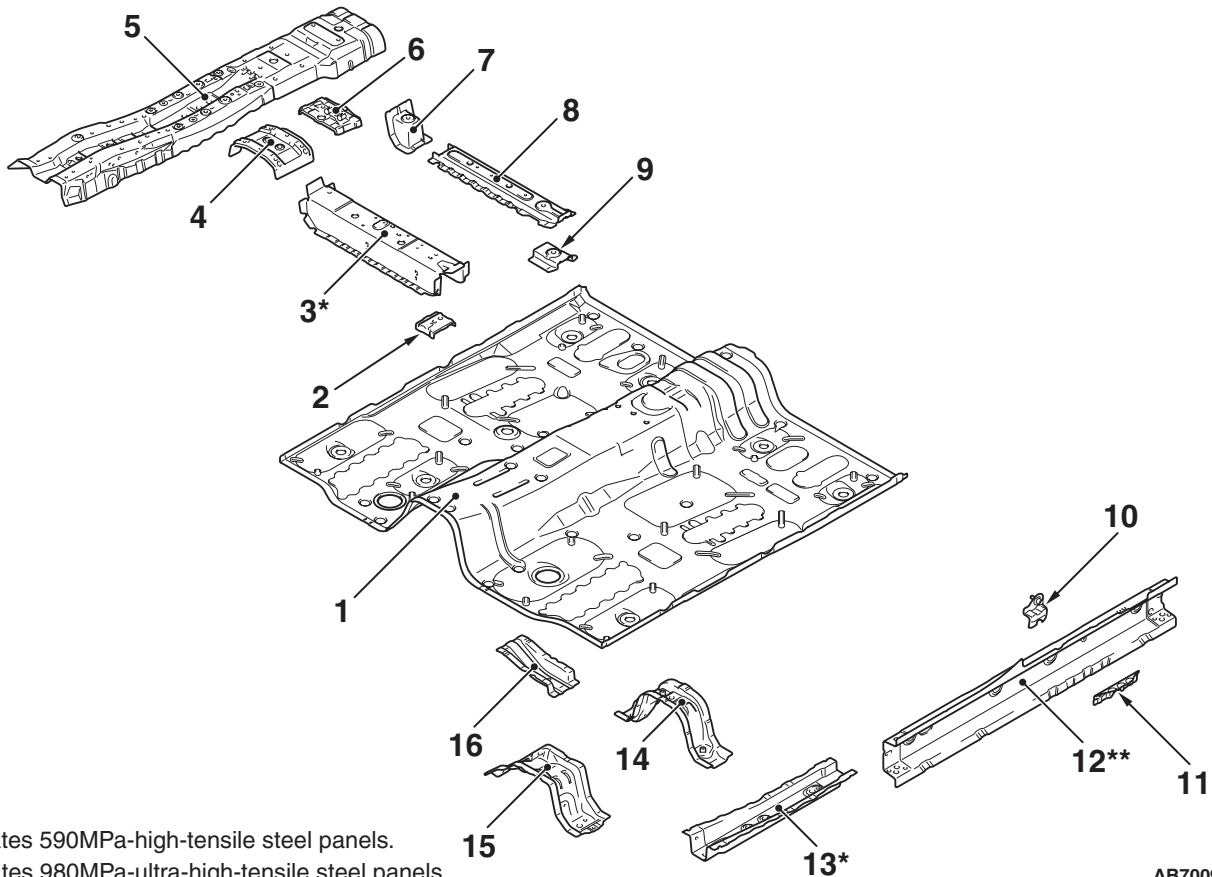
- |                          |                              |
|--------------------------|------------------------------|
| 1. Sunvisor bracket      | 8. Roof bow center lower     |
| 2. Reading light bracket | 9. Dome light bracket        |
| 3. Roof rail front lower | 10. Roof panel reinforcement |
| 4. Roof rail front upper | 11. Set rear bracket         |
| 5. Roof panel            | 12. Bracket A                |
| 6. Roof rail rear        | 13. Bracket B                |
| 7. Roof bow center upper | 14. Set front bracket        |

**UNDER BODY**

M4010014001202

**FRONT FLOOR**

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



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

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

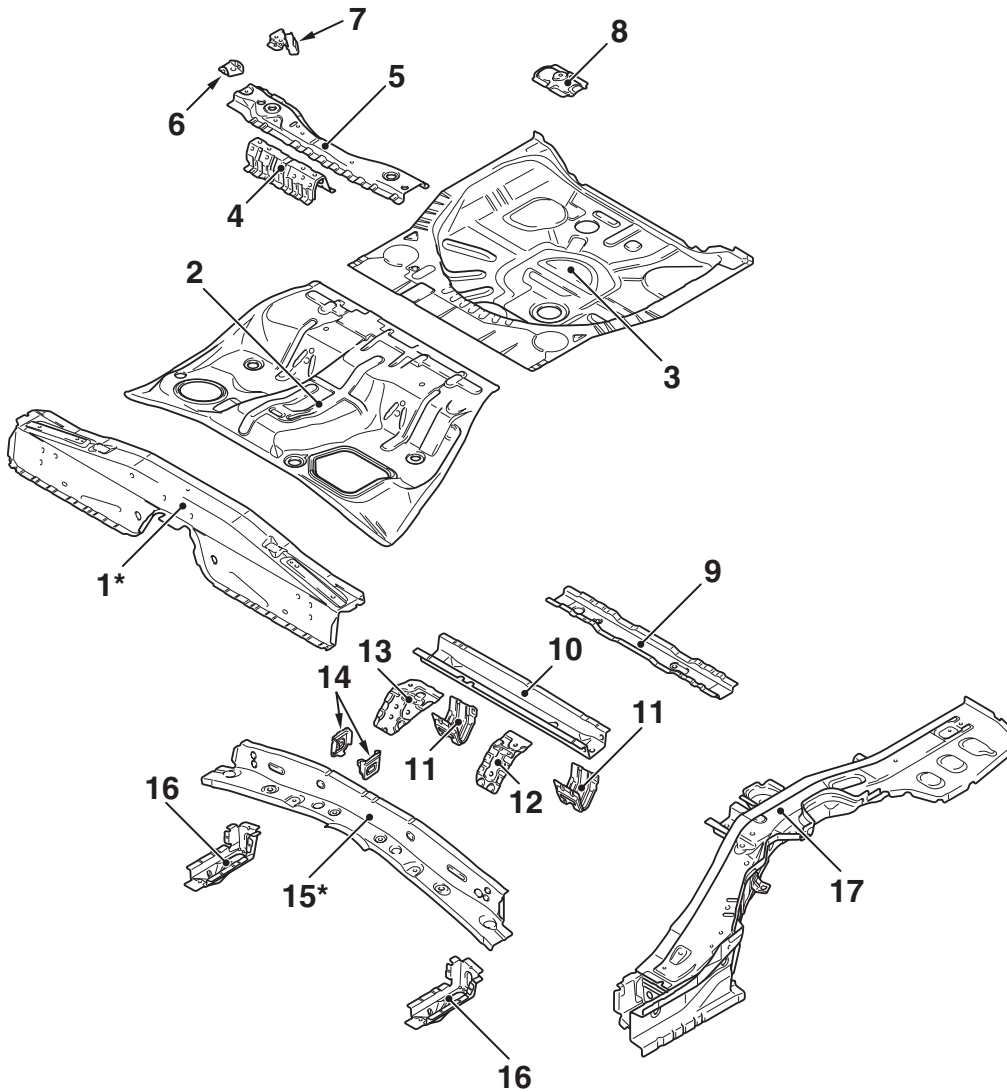
AB700937AB

- |  |  |
|--|--|
| 1. Front floor                                 | 9. Seat side bracket rear                            |
| 2. Front floor crossmember front reinforcement | 10. Seat belt reinforcement                          |
| 3. Front floor crossmember front               | 11. Front floor side sill inner center reinforcement |
| 4. Parking brake lever reinforcement           | 12. Front floor side sill inner                      |
| 5. Backbone reinforcement                      | 13. Front floor sidemember                           |
| 6. Parking brake cable reinforcement           | 14. Front floor crossmember rear center              |
| 7. Seat center bracket rear                    | 15. Front floor crossmember front                    |
| 8. Front floor crossmember rear                | 16. Front floor reinforcement lower (Right side)     |



**REAR FLOOR**

- The 590-MPa class high tensile strength steel panels have been adopted for the rear floor extension and rear seat crossmember to improve the body rigidity.
- The rear floor rear end crossmember has been straightened to heighten body rigidity, improve handling stability and riding comfort, and to reduce vibration and noise.



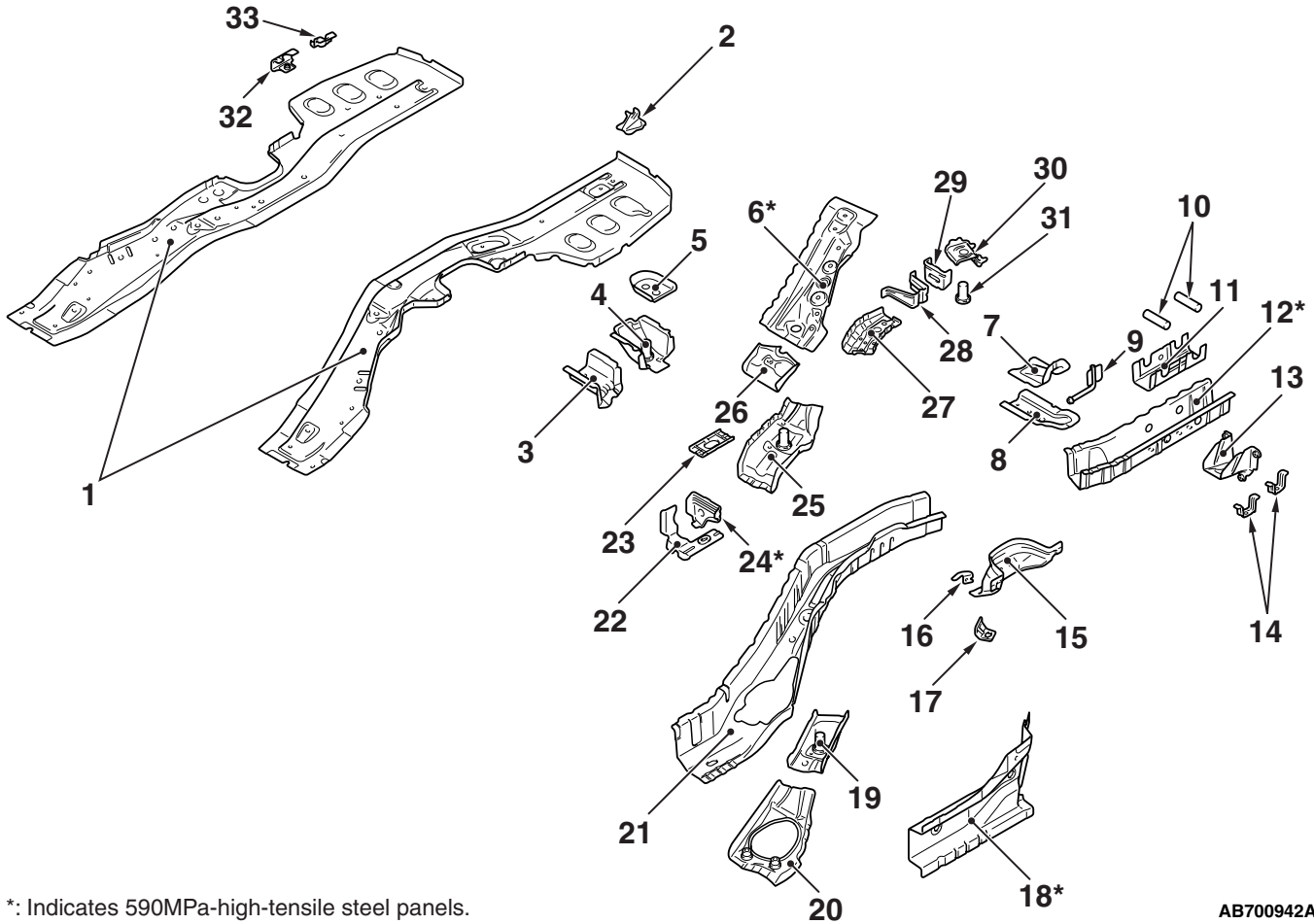
\*: Indicates 590MPa-high-tensile steel panels.

AB700404AB

- |                                     |   |
|-------------------------------------|---|
| 1. Rear floor extension             | 10. Rear floor crossmember front              |
| 2. Rear seat under floor            | 11. Fuel tank rear bracket                    |
| 3. Rear floor pan rear              | 12. Rear seat belt reinforcement (Left side)  |
| 4. Rear seatback bracket lower      | 13. Rear seat belt reinforcement (Right side) |
| 5. Rear floor crossmember upper     | 14. Rear seat crossmember bulkhead inner      |
| 6. Battery bracket rear floor front | 15. Rear seat crossmember                     |
| 7. Battery bracket rear floor       | 16. Sidemember front floor extension          |
| 8. Spare tire bracket               | 17. Rear floor sidemember                     |
| 9. Rear floor rear end crossmember  |   |

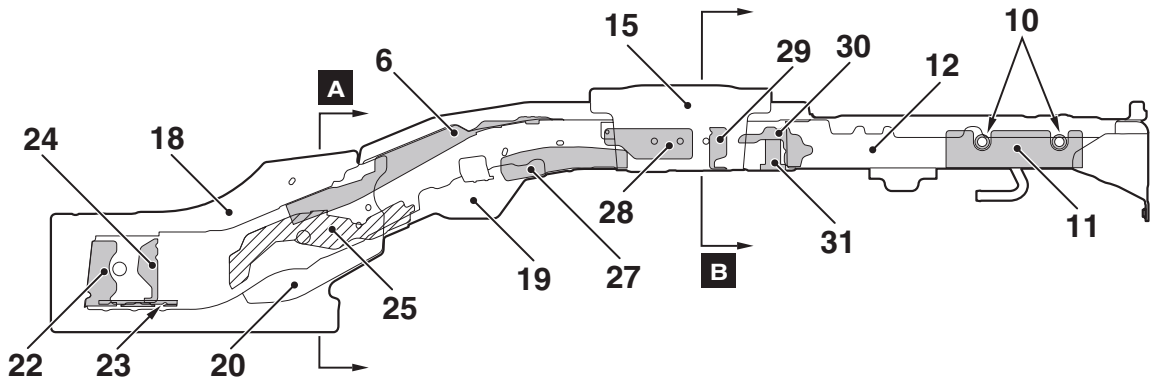
**REAR FLOOR SIDEMEMBER REINFORCEMENT**

The 590-MPa class high tensile strength steel panels have been adopted for the rear floor sidemember reinforcement, rear floor sidemember extension, rear floor side sill inner and rear floor sidemember bulk-head to improve the body rigidity.



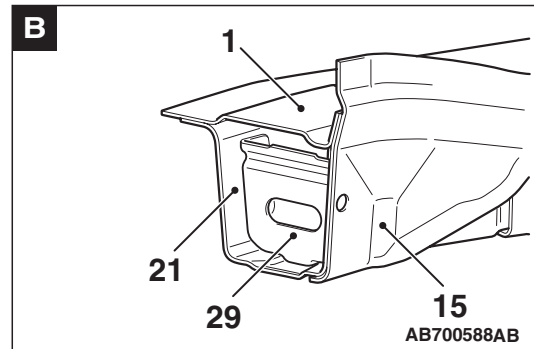
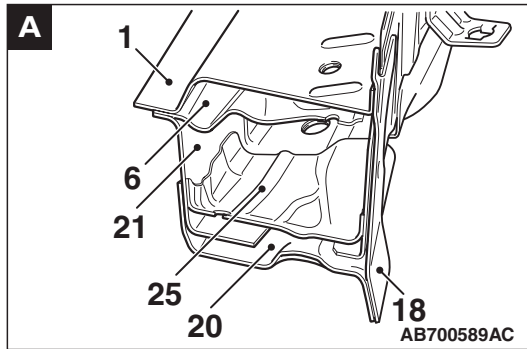
\*: Indicates 590MPa-high-tensile steel panels.

AB700942AB



AB700953AC

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. Rear floor side panel</li> <li>2. Rear bumper beam reinforcement</li> <li>3. Rear floor crossmember extension rear</li> <li>4. Rear suspension bracket center</li> <li>5. Rear suspension center reinforcement</li> <li>6. Rear floor sidemember reinforcement</li> <li>7. Rear floor crossmember extension rear upper</li> <li>8. Rear floor crossmember extension rear</li> <li>9. Muffler hanger rear</li> <li>10. Shipping pipe</li> <li>11. Shipping bracket reinforcement</li> <li>12. Rear floor sidemember extension</li> <li>13. Rear bumper support</li> <li>14. Canister bracket (Left side)</li> <li>15. Rear spring house panel lower</li> <li>16. ABS sensor bracket</li> <li>17. Brake hose bracket</li> </ol> | <ol style="list-style-type: none"> <li>18. Rear floor side sill inner</li> <li>19. Rear suspension bracket front</li> <li>20. Trailing arm bracket lower</li> <li>21. Rear floor sidemember lower</li> <li>22. Rear floor sidemember extension front</li> <li>23. Rear tie down plate</li> <li>24. Rear floor sidemember bulkhead</li> <li>25. Trailing arm bracket</li> <li>26. Trailing arm bulkhead</li> <li>27. Rear floor sidemember rear reinforcement</li> <li>28. Rear suspension center bulkhead</li> <li>29. Rear floor sidemember bulkhead rear</li> <li>30. Rear suspension bracket rear</li> <li>31. Pipe nut</li> <li>32. Hydraulic unit bracket front (Right side)</li> <li>33. Hydraulic unit bracket rear (Right side)</li> </ol> |
|---|--|

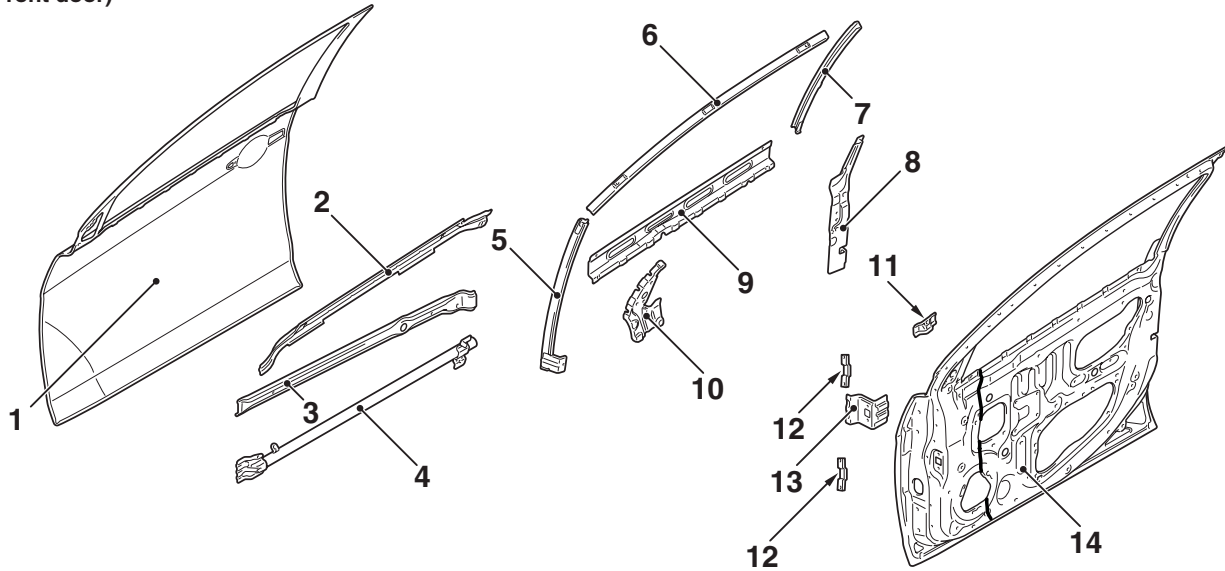


DOOR

An uneven thickness steel sheet\* has been used for the front and rear door panel inners to make the forward part of the vehicle thicker for reduction in vehicle weight and higher rigidity.

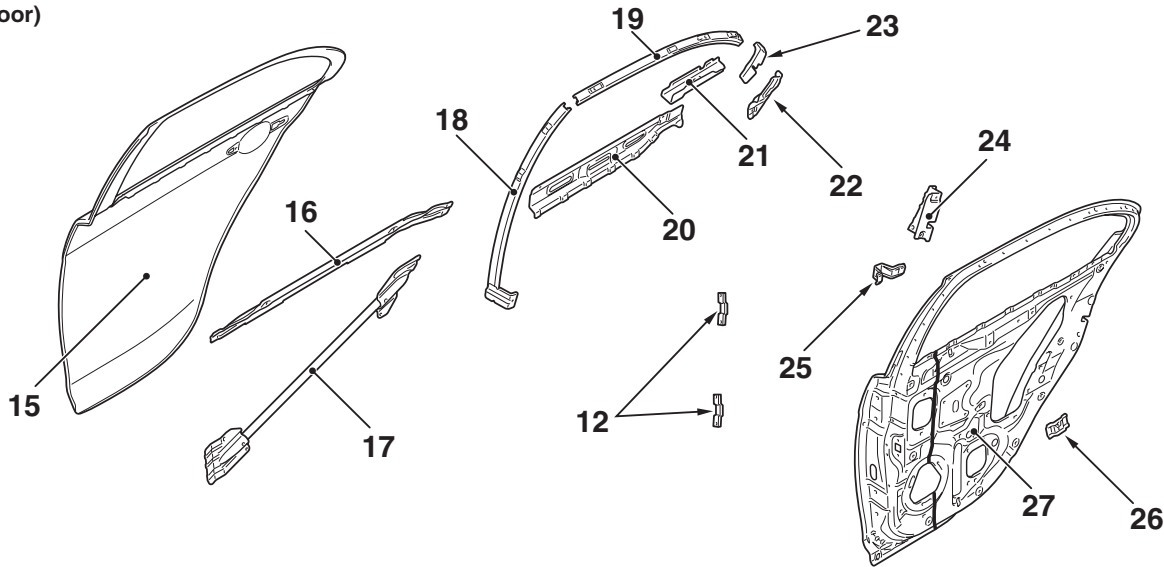
NOTE: \*: A steel sheet of varying thickness that is welded into one steel sheet.

(Front door)



AB602334AB

(Rear door)



AB700413AB

- |  |  |
|--|--|
| 1. Front door panel outer                  | 15. Rear door panel outer                  |
| 2. Front door beltline outer reinforcement | 16. Rear door beltline outer reinforcement |
| 3. Front door outer stiffener              | 17. Rear door side door beam               |
| 4. Front door side door beam               | 18. Rear door window front sash            |
| 5. Front door window front sash            | 19. Rear door window upper sash            |
| 6. Front door window upper sash            | 20. Rear door beltline inner reinforcement |
| 7. Front door window rear sash             | 21. Rear door beltline bracket             |
| 8. Front door latch reinforcement          | 22. Rear door sash reinforcement           |
| 9. Front door beltline inner reinforcement | 23. Rear door stat corner bracket          |
| 10. Front door mirror reinforcement        | 24. Rear door latch reinforcement          |
| 11. Front door inside handle bracket       | 25. Rear door window sash lower bracket    |
| 12. Nut plate                              | 26. Rear door inside handle bracket        |
| 13. Front door checker reinforcement       | 27. Rear door panel inner                  |
| 14. Front door panel inner                 |  |

## SILENCER APPLICATION LOCATIONS

M4010005001271

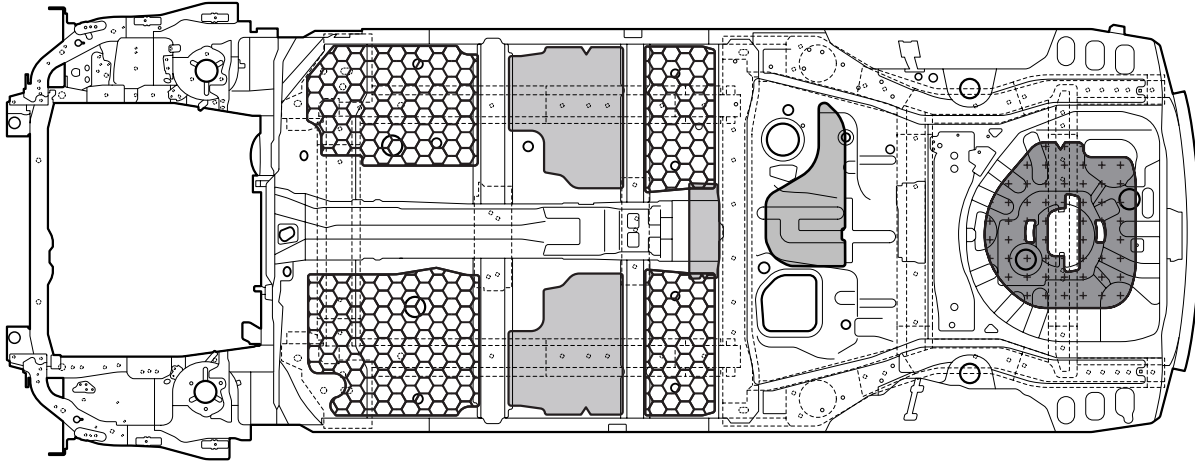
A silencer (MD-12, RSS and melting sheet) has been affixed on the upper surface of the floor for vibration damping.

**NOTE:**

- MD-12 is a high performance sheet composed of asphalt applied with mica and thermosetting resin for improving anti-vibration performance.

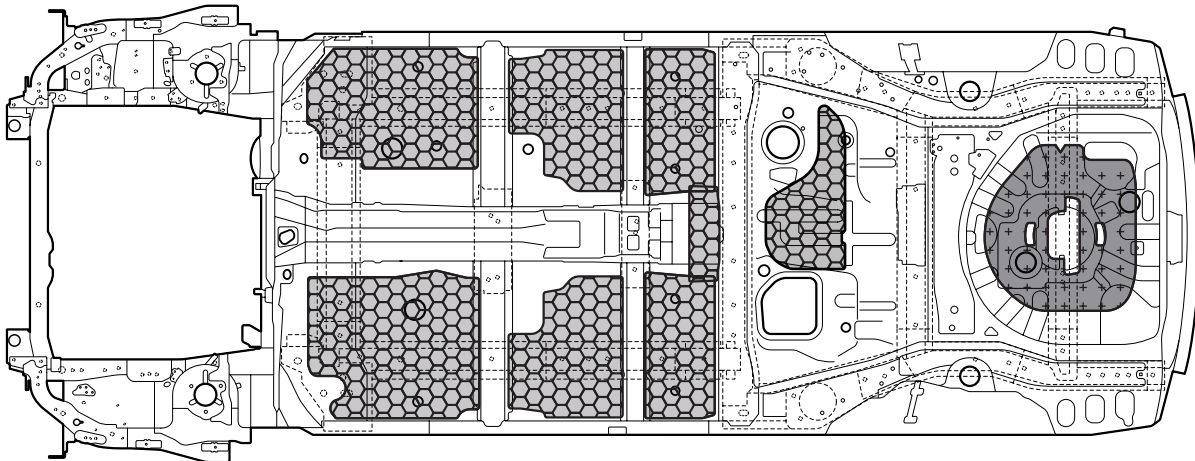
- RSS (*Rubber Special Sheet*) is a product name of Nihon Tokushu Toryo Co., Ltd. The product features the same performance as a steel sheet sandwich type and refers to a heat cured resin sheet that is molded into a sheet with a uniform thickness. It contains degenerating resin and filler with asphalt and rubber as the main contents.

<GSR>



AB700568AB

<MR>



- : 1.6 mm (0.063 in) thick melting sheet
- ▨ : 1.6 mm (0.063 in) thick MD-12 [Place a 1.6 mm (0.063 in) melting sheet.]
- ▩ : 3.2 mm (0.126 in) thick MD-12 [Place two 1.6 mm (0.063 in) melting sheet one on top of another.]
- + : 1.6 mm (0.063 in) thick melting sheet and 2.0 mm (0.079 in) thick RSS [Place three 1.6 mm (0.063 in) melting sheet one on top of the next.]

AB700569AB

**NOTE:** [ ] indicates the number of melting sheets that are used for repair.

## FOAMING MATERIAL USAGE LOCATIONS

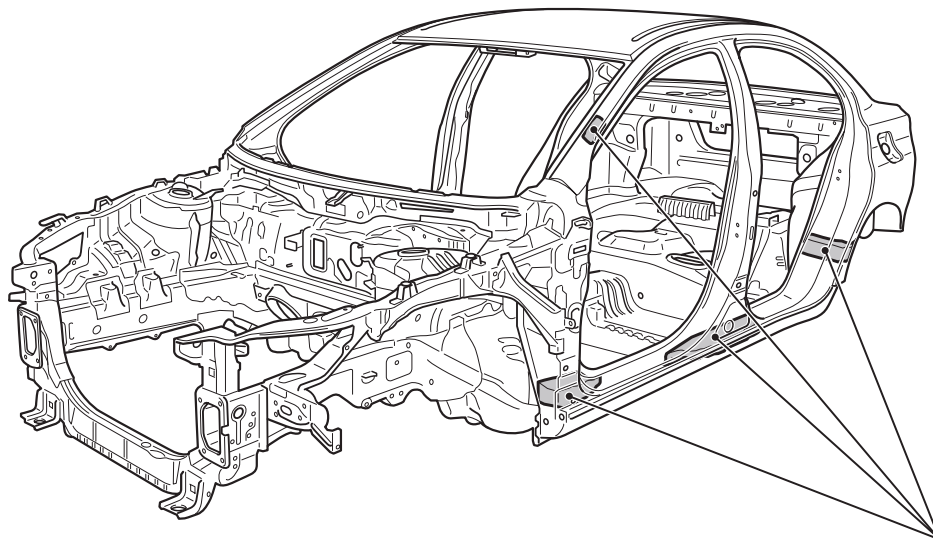
M4010006000163

The sound dampening foam material have been adopted to the upper and lower sections of the front pillar, center pillar lower section, rear pillar and wheel house arch inside to shield from external noise.

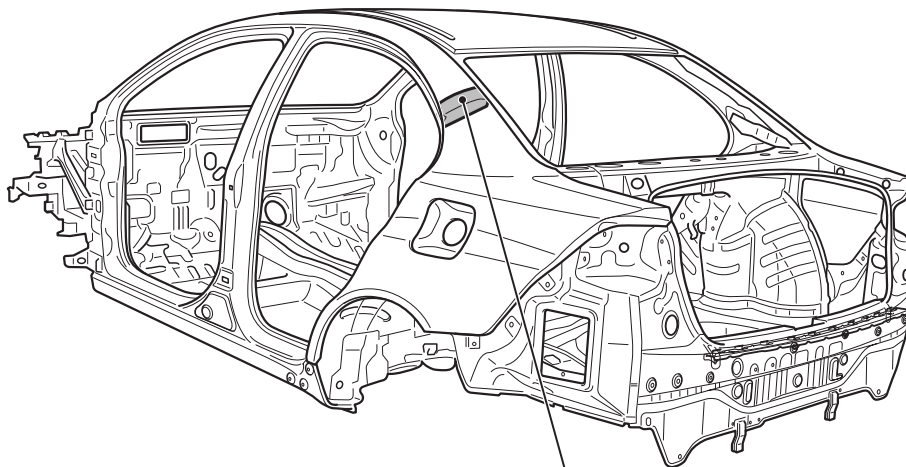
### **⚠ CAUTION**

The sound dampening foam material may burn when heated. Always observe the following instructions:

- Never use a gas burner to burn the areas where sound dampening foam material is used.
- When cutting the parts which are provided with sound dampening foam material, ensure to use tools (air saw, etc.) that do not generate fire.
- If there are residual sound dampening foam material remaining on the cut section (body side), remove the sound dampening foam material from periphery of the welding area before welding work.



Sound dampening foam material



Sound dampening foam material

AB700801AB



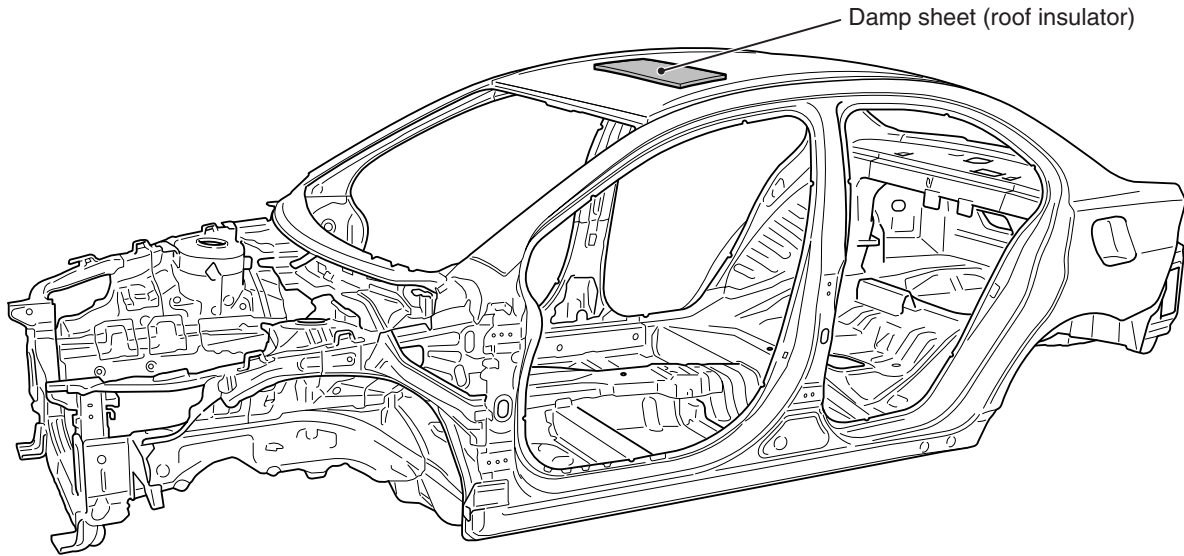
# STIFFENER AND DAMP SHEET APPLICATION LOCATIONS

M4010001400263

A damp sheet (roof insulator) <Vehicles without sun-roof (aluminum panel)> on the inner side of the roof panel and a stiffener on the inner side of the rear door panel outer have been adopted for higher surface rigidity.

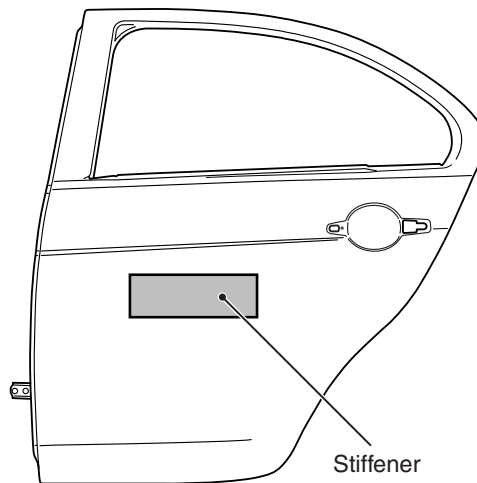
**NOTE:**

- *The main contents of a stiffener are epoxy resin. It comes in a sheet form and contains a mixture of glass fiber and filler, and cures (stiffens) when heated.*
- *No spare part of the stiffener for repair is available in the field. If the stiffener is damaged, replace it together with the panel.*



AB700893AB

(Rear door)



AB700892AB

## THEFT PROTECTION

M4010017000145

**⚠ CAUTION**

When replacing a part that has the theft protection plate, label or stamp on it, be sure that the part has either **A** or **B** shown in the figure. It is illegal if both **A** and **B** are attached, or neither **A** nor **B** is attached.

In order to protect against theft, a Vehicle Identification Number (VIN) is attached as a plate or label to the following major parts of the engine, transaxle and main outer panels: Engine cylinder block, Transaxle housing, Front fender, Hood, Trunk lid, Bumpers, Side outer panel, Doors. In addition, a theft-protection label is attached to replacement parts for main outer panels. The same data is stamped into replacement parts for the engine and the transaxle.

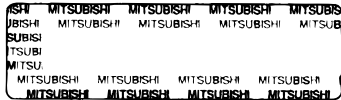
**⚠ CAUTION**

Cautions regarding panel repairs:

- When repainting original parts, do so after first masking the theft-protection label. After painting, be sure to peel off the masking tape.
- The theft-protection label for replacement parts is covered by masking tape, so such parts can be painted as is. The masking tape should be removed after painting is finished.
- The theft-protection label should not be removed from original parts or replacement parts.

**Theft protection plate and label**

For original parts



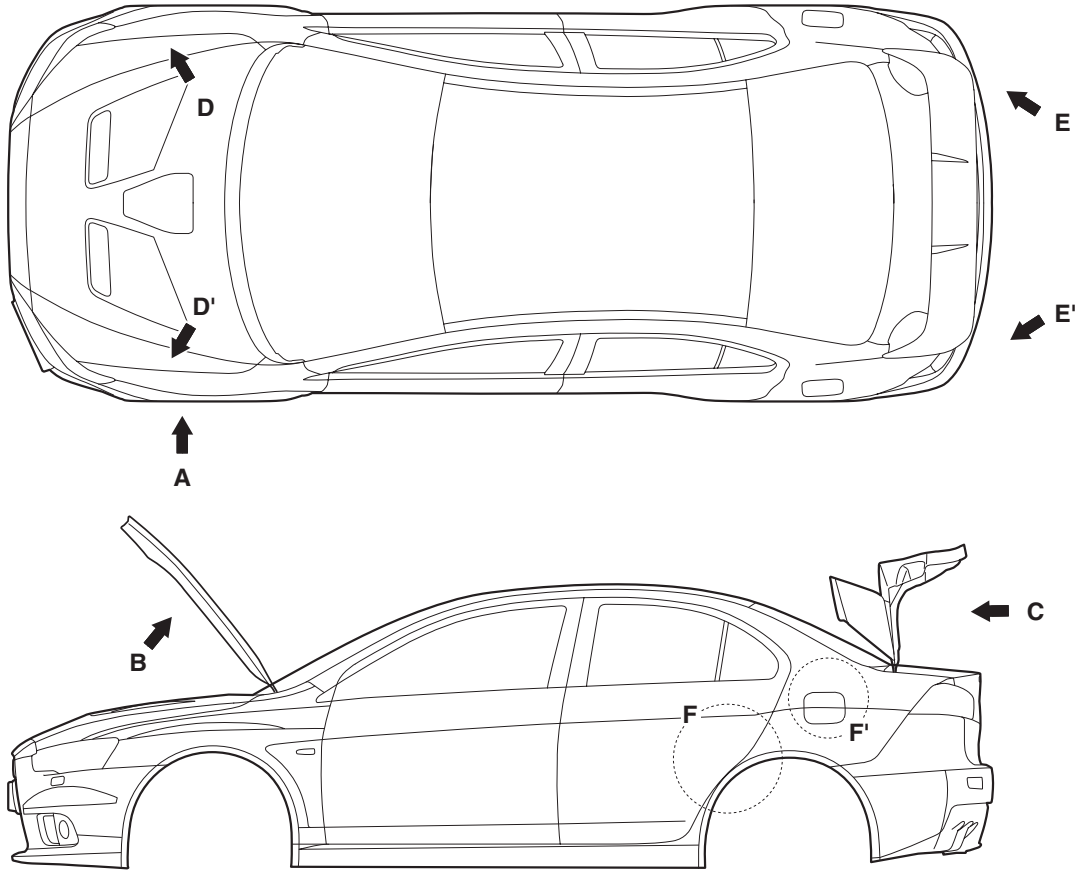
MITSUBISHI MOTORS

For replacement parts



AC704152AB

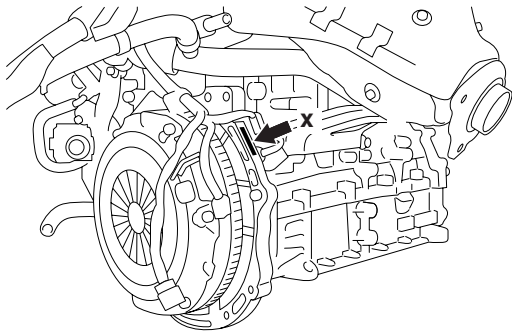
LOCATIONS



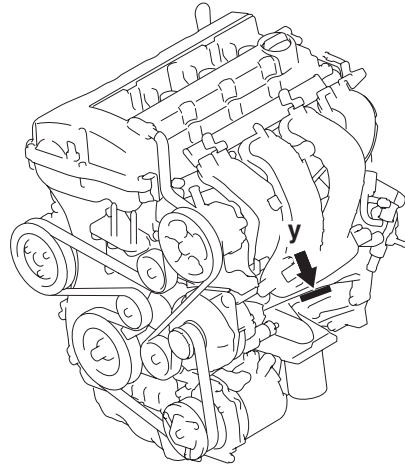
AC710510AC

Label area (x: for original equipment parts, y: for replacement parts)

Engine

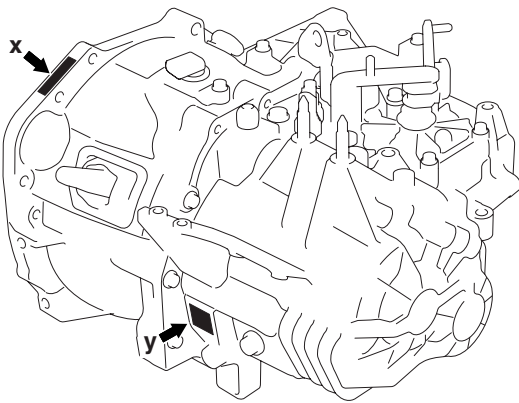


AC609841AB



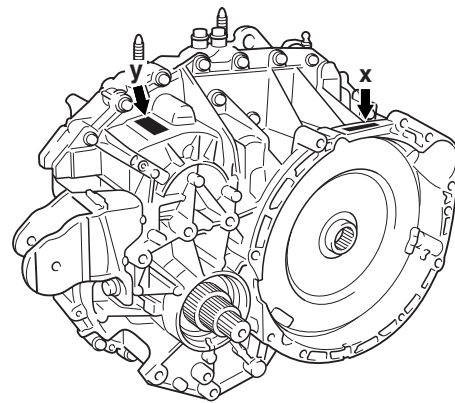
AC612304AB

Manual transaxle (M/T)



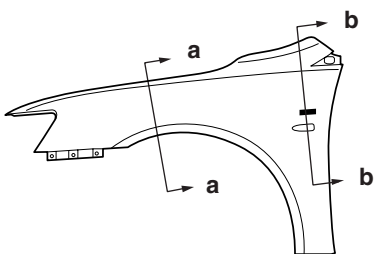
AC708134AB

Twin clutch sportronic shift transmission (TC-SST)

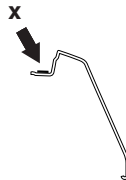


AC707965AB

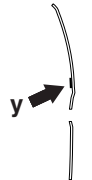
View A (Front fender)



Section a - a



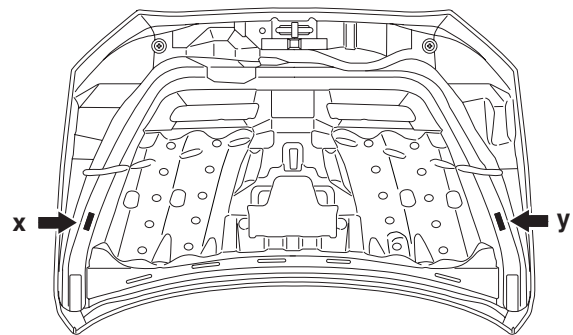
Section b - b



The illustration indicates left outer side.  
Right side is symmetrically opposite.

AC608723AB

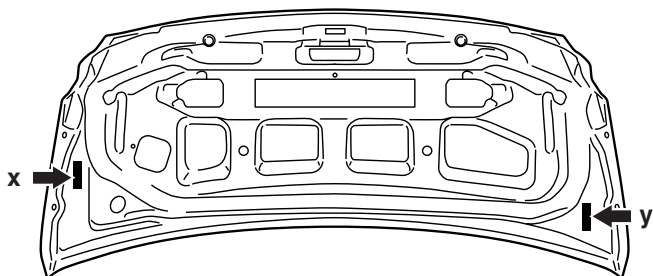
View B (Hood)



AC708456AB

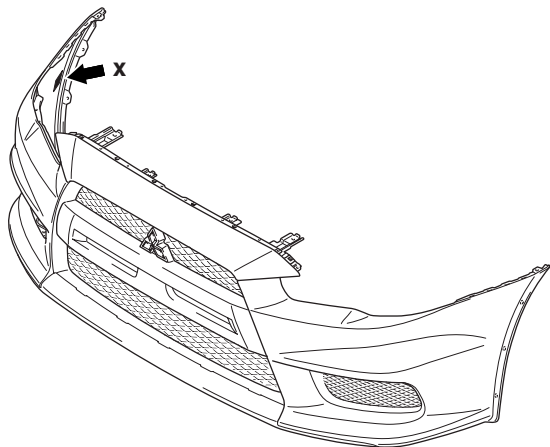
Label area (x: for original equipment parts, y: for replacement parts)

View C (Trunk lid)



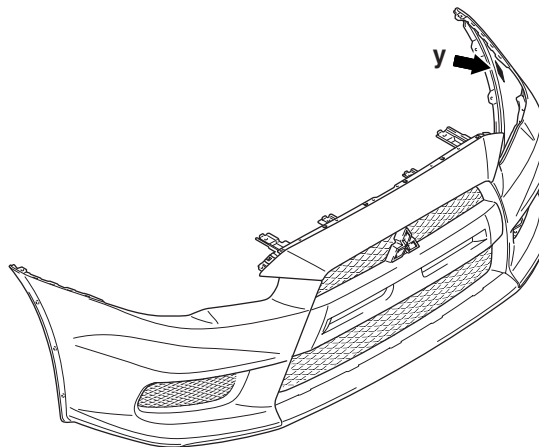
AC612302AB

View D (Front bumper)



AC710511AB

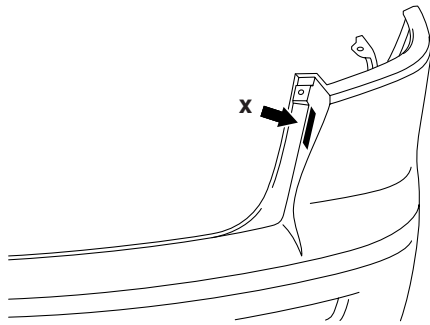
View D'



AC710513

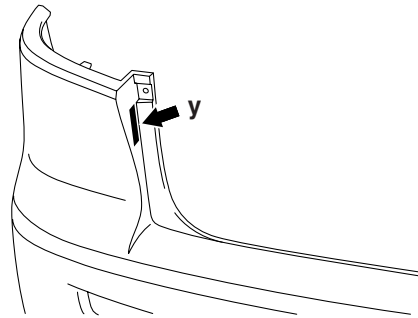
Label area (x: for original equipment parts, y: for replacement parts)

View E (Rear bumper)



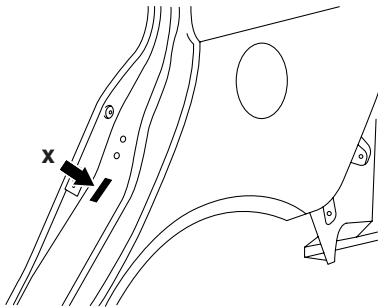
AC608729AB

View E'



AC608730AB

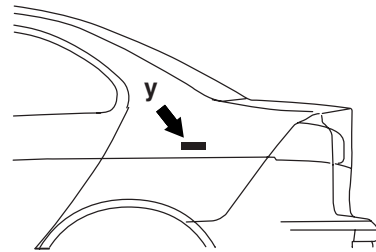
View F (Side outer panel)



The illustration indicates left outer side.  
Right side is symmetrically opposite.

AC608733AB

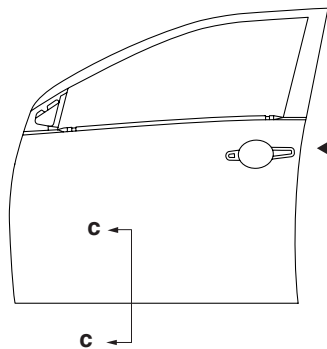
View F'



The illustration indicates left outer side.  
Right side is symmetrically opposite.

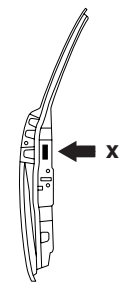
AC611136AB

Front door (both side)



The illustration indicates left outer side.  
Right side is symmetrically opposite.

View G

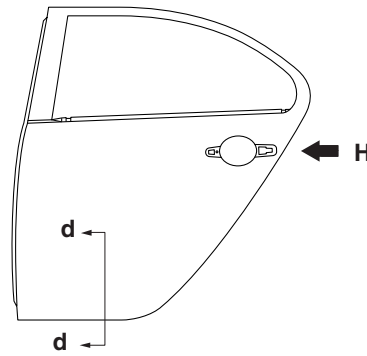


Section c - c



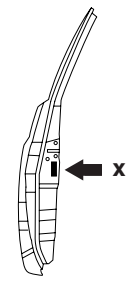
AC608731AC

Rear door (both side)



The illustration indicates left outer side.  
Right side is symmetrically opposite.

View H



Section d - d



AC608734AC