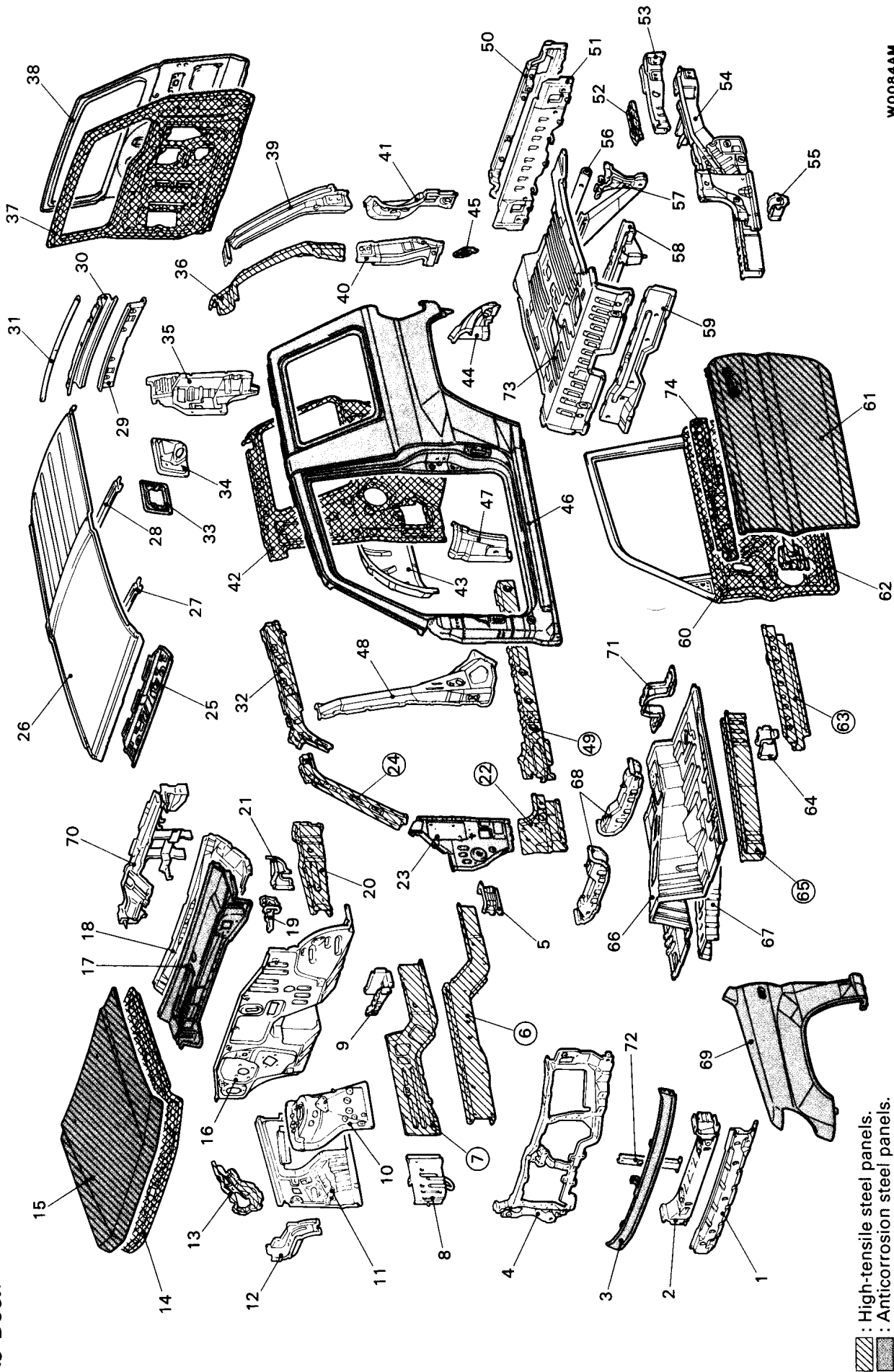


1 BODY CONSTRUCTION

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BODY COMPONENTS

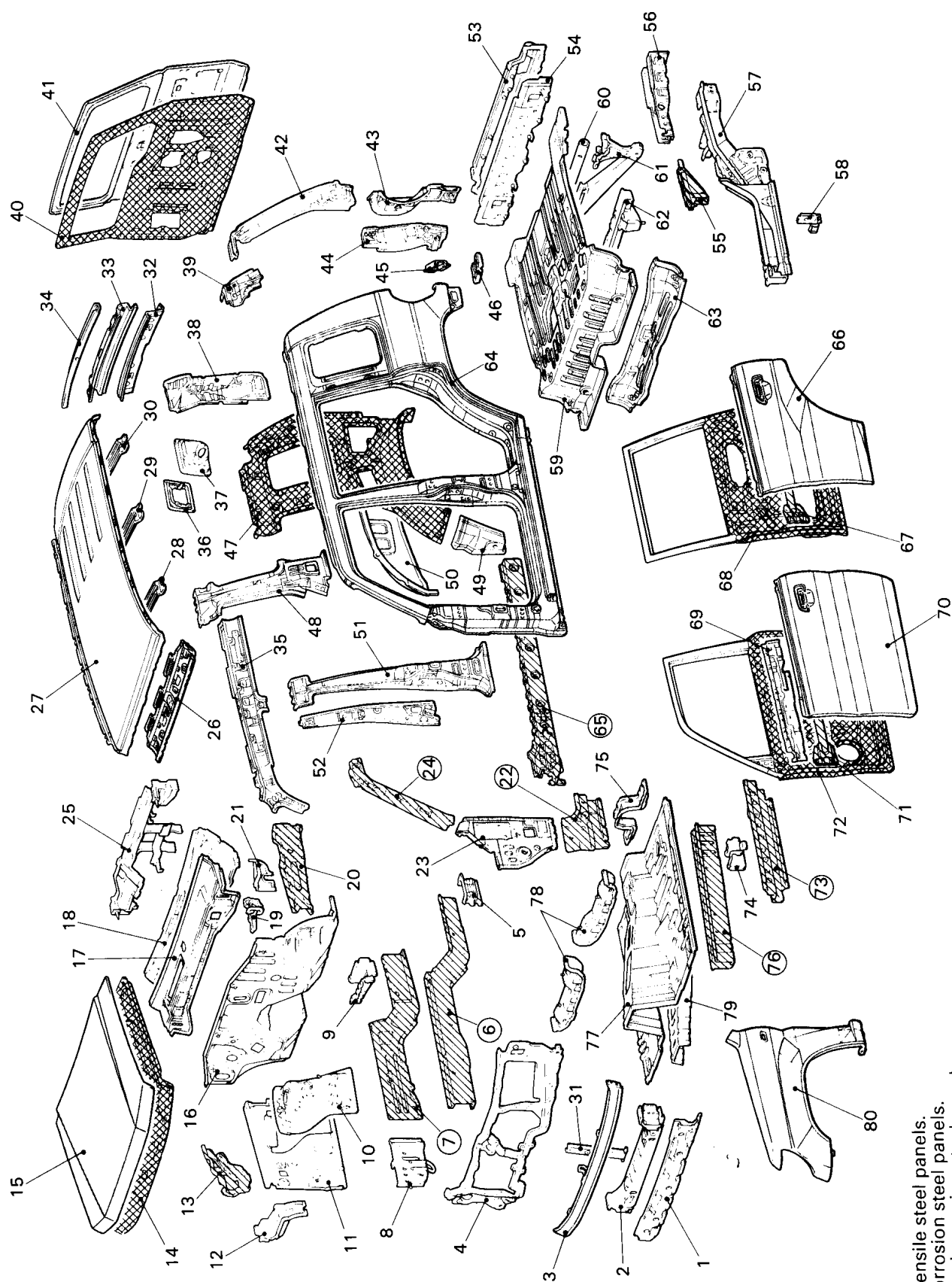
<3 Door>



W0084AM

1. Front bumper beam
2. Front end crossmember
3. Grille filler panel
4. Headlamp support panel
5. Transmission support reinforcement
6. Front sidemember, inner
7. Front sidemember, outer
8. Shipping hook bracket
9. Front floor front brace
10. Strut house panel
11. Fender shield
12. Fender shield front reinforcement
13. Upper front frame
14. Hood panel, inner
15. Hood panel, outer
16. Dash panel
17. Cowl top outer panel
18. Cowl top inner panel
19. Hood hinge
20. Upper frame, outer
21. Upper frame, inner
22. Front pillar inner lower extension
23. Front pillar, inner lower
24. Front pillar, inner upper
25. Front roof rail
26. Roof panel
27. Front roof bow
28. Center roof bow
29. Rear roof rail, inner
30. Rear roof rail, outer
31. Rear drip channel
32. Side roof rail, inner
33. Fuel filler door
34. Fuel filler neck bracket
35. Rear pillar hinge reinforcement
36. Rear pillar reinforcement
37. Back door inner panel
38. Back door outer panel
39. Quarter outer upper extension
40. Quarter outer lower extension
41. Rear lamp housing
42. Quarter panel, inner
43. Rear wheel house inner panel
44. Quarter inner lower extension
45. Quarter corner panel
46. Side outer panel
47. Shield plate, front
48. Center pillar reinforcement
49. Side sill outer reinforcement
50. Rear end crossmember, outer
51. Rear end crossmember, inner
52. Rear seat belt reinforcement
53. Rear floor sidemember extension, rear
54. Rear floor sidemember
55. Rear floor rear brace
56. Rear floor crossmember pipe
57. Lateral rod bracket
58. Rear floor crossmember
59. Rear floor crossmember, front
60. Front door inner panel
61. Front door outer panel
62. Front door side door beam
63. Front floor side sill, inner
64. Front floor center brace
65. Front floor sidemember
66. Front floor pan
67. Backbone reinforcement
68. Front floor crossmember
69. Front fender
70. Front deck crossmember
71. Center bearing crossmember
72. Hood lock stay
73. Rear floor pan
74. Front door beltline inner reinforcement

<5 Door>



▨ : High-tensile steel panels.

□ : Anticorrosion steel panels.

▩ : High-anticorrosion steel panels.

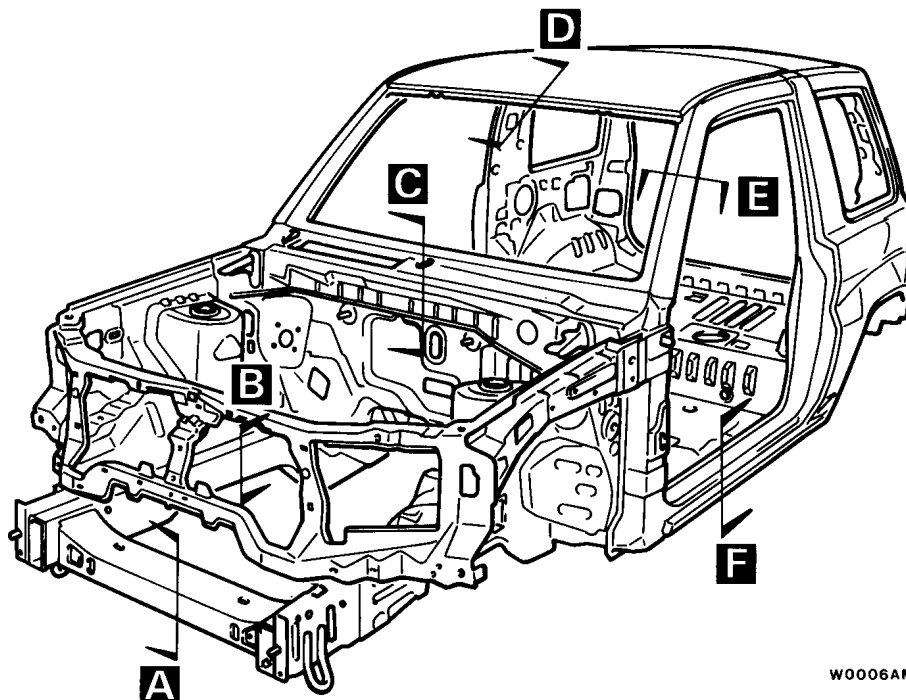
NOTE

- (1) The high-tensile steel panels with a circled number are high-residue austenite steel panels having a high energy adsorption level.
 (2) The high-anticorrosion steel panels have an increased copper additive to provide a higher anticorrosion than normal steel panels.

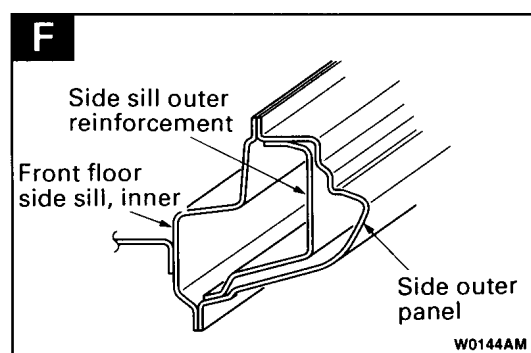
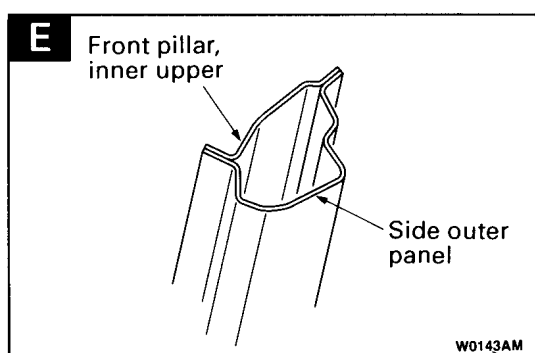
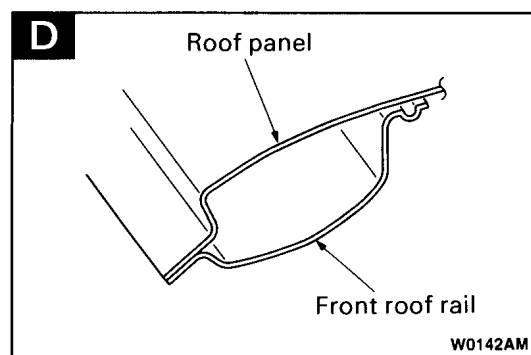
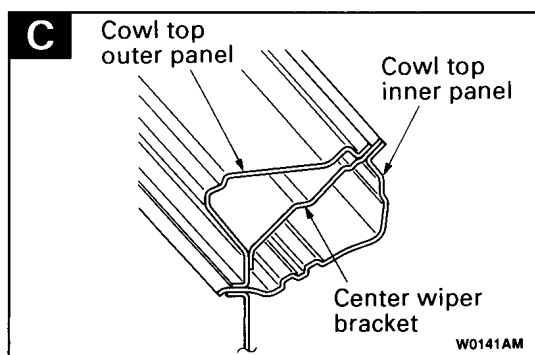
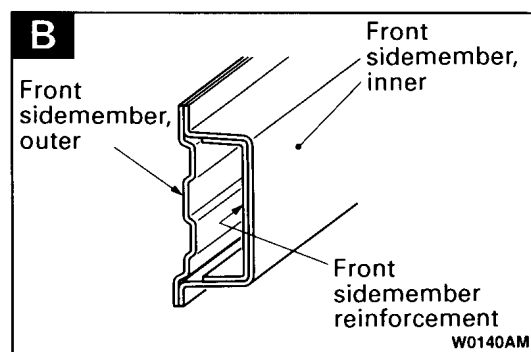
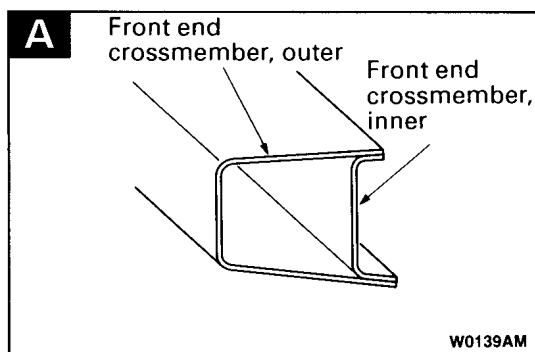
1. Front bumper beam
2. Front end crossmember
3. Grille filler panel
4. Headlamp support panel
5. Transmission support reinforcement
6. Front sidemember, inner
7. Front sidemember, outer
8. Shipping hook bracket
9. Front floor front brace
10. Strut house panel
11. Fender shield
12. Fender shield front reinforcement
13. Upper front frame
14. Hood panel, inner
15. Hood panel, outer
16. Dash panel
17. Cowl top outer panel
18. Cowl top inner panel
19. Hood hinge
20. Upper frame, outer
21. Upper frame, inner
22. Front pillar inner lower extension
23. Front pillar, inner lower
24. Front pillar, inner upper
25. Front deck crossmember
26. Front roof rail
27. Roof panel
28. Front roof bow
29. Center roof bow
30. Rear roof bow
31. Hood lock stay
32. Rear roof rail, inner
33. Rear roof rail, outer
34. Rear drip channel
35. Side roof rail, inner
36. Fuel filler door
37. Fuel filler neck bracket
38. Rear pillar hinge reinforcement
39. Rear pillar reinforcement
40. Back door inner panel
41. Back door outer panel
42. Quarter outer upper extension
43. Rear lamp housing
44. Quarter outer lower extension
45. Quarter corner panel
46. Shield plate, rear
47. Quarter panel, inner
48. C pillar reinforcement
49. Shield plate
50. Rear wheel house inner panel
51. Center pillar reinforcement
52. Center pillar, inner
53. Rear end crossmember, outer
54. Rear end crossmember, inner
55. Rear seat belt reinforcement
56. Rear floor sidemember extension, rear
57. Rear floor rear sidemember
58. Rear floor rear brace
59. Rear floor pan
60. Rear floor crossmember pipe
61. Lateral rod bracket
62. Rear floor crossmember
63. Rear seat crossmember
64. Side outer panel
65. Side sill outer reinforcement
66. Rear door outer panel
67. Rear door side door beam
68. Rear door inner panel
69. Front door beltline inner reinforcement
70. Front door outer panel
71. Front door side door beam
72. Front door inner panel
73. Front floor side sill, inner
74. Front floor center brace
75. Center bearing crossmember
76. Front floor sidemember
77. Front floor pan
78. Front floor crossmember
79. Backbone reinforcement
80. Front fender

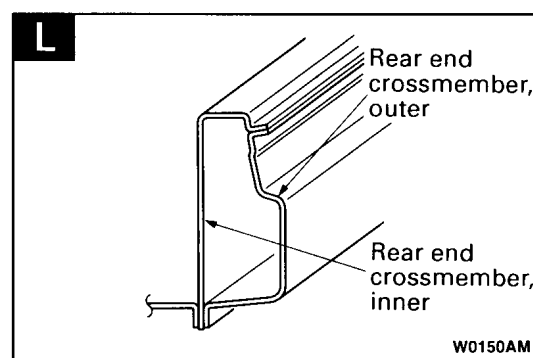
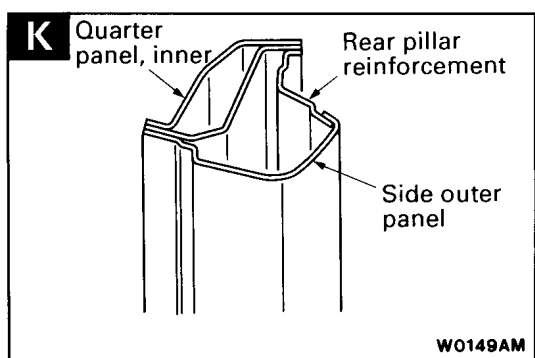
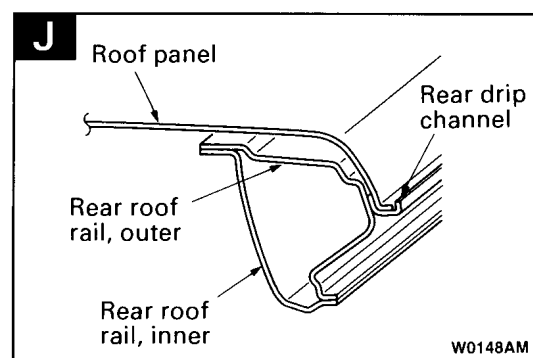
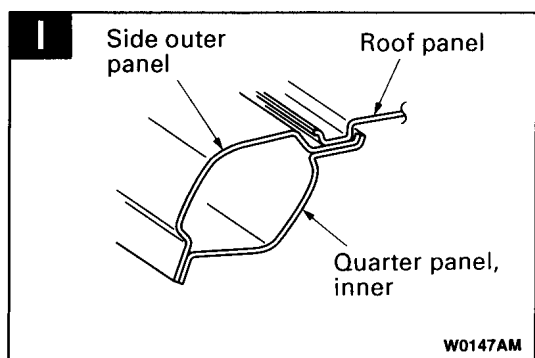
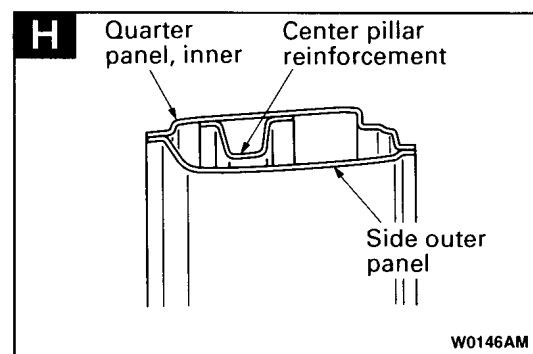
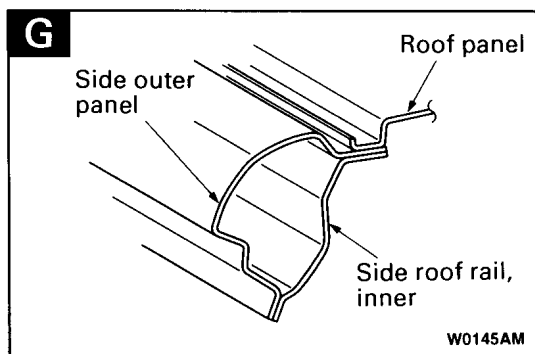
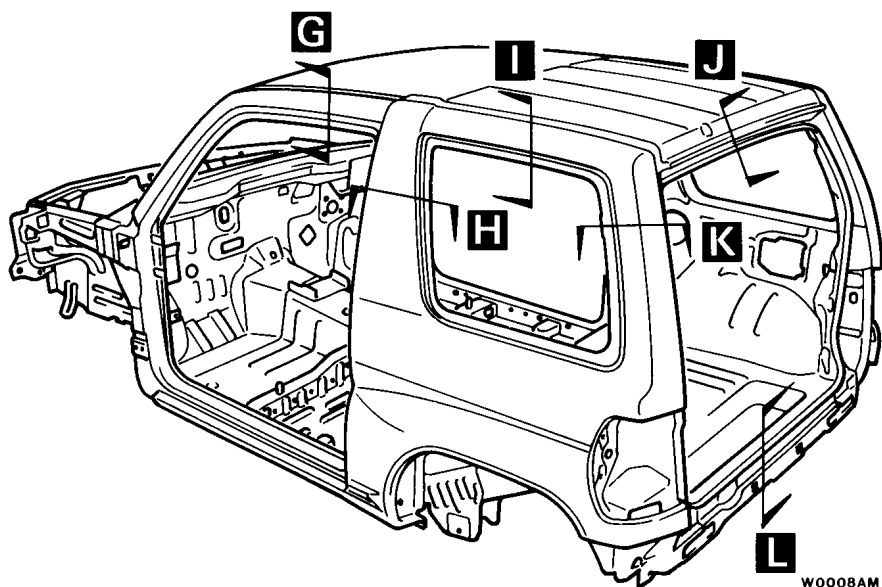
BODY MAIN CROSS-SECTIONAL VIEWS

<3 Door>

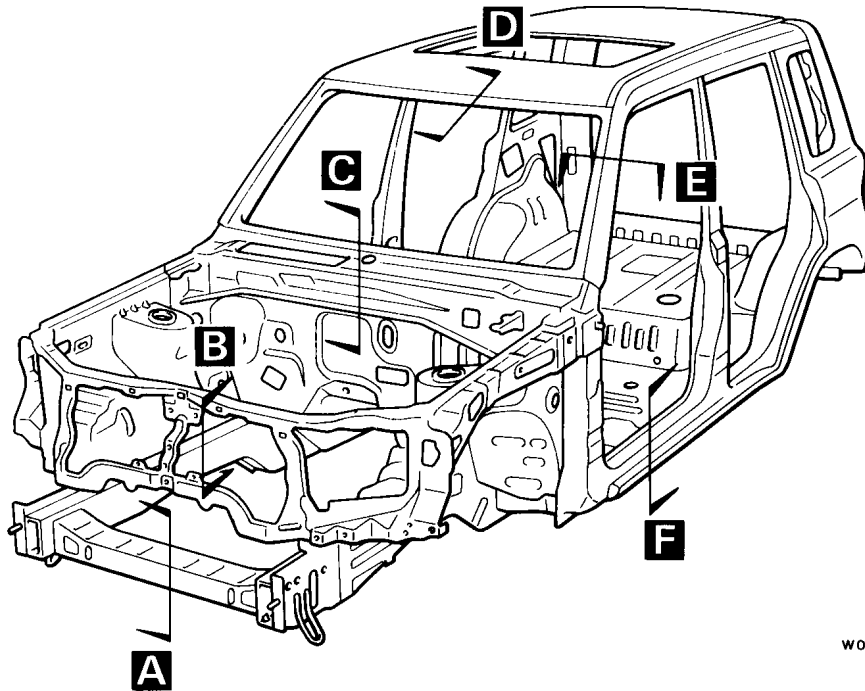


W0006AM

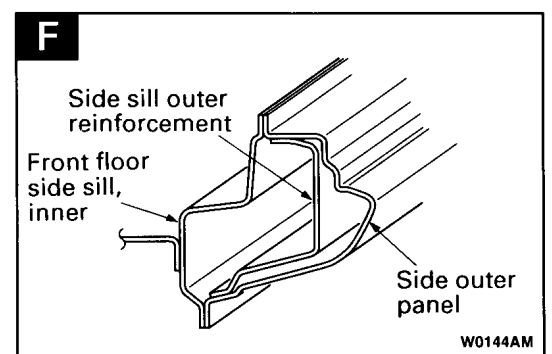
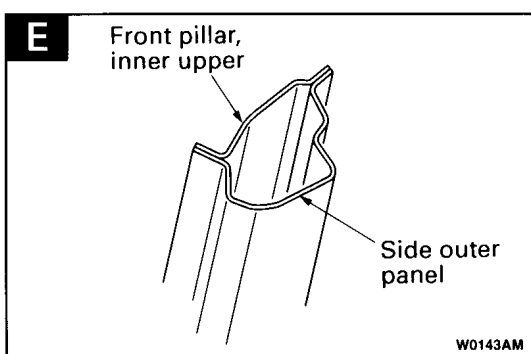
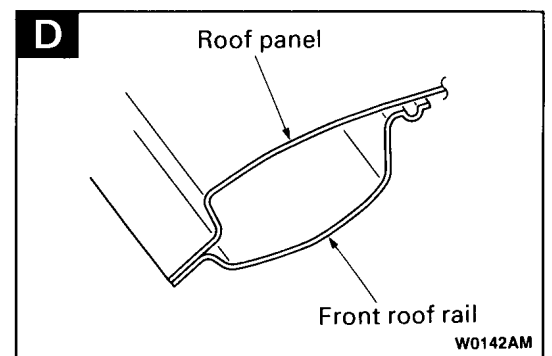
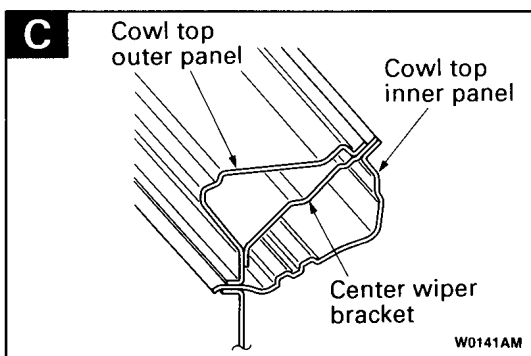
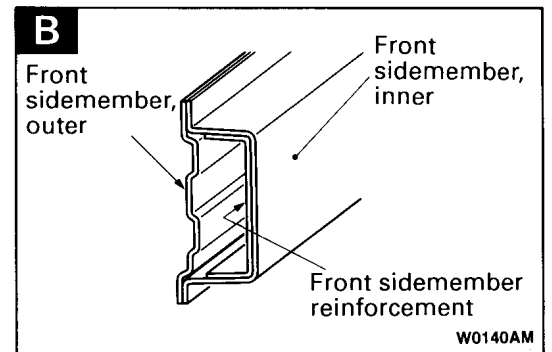
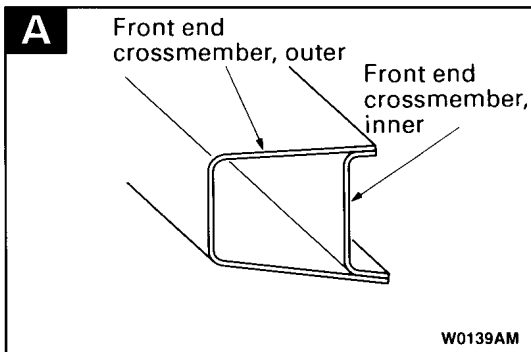


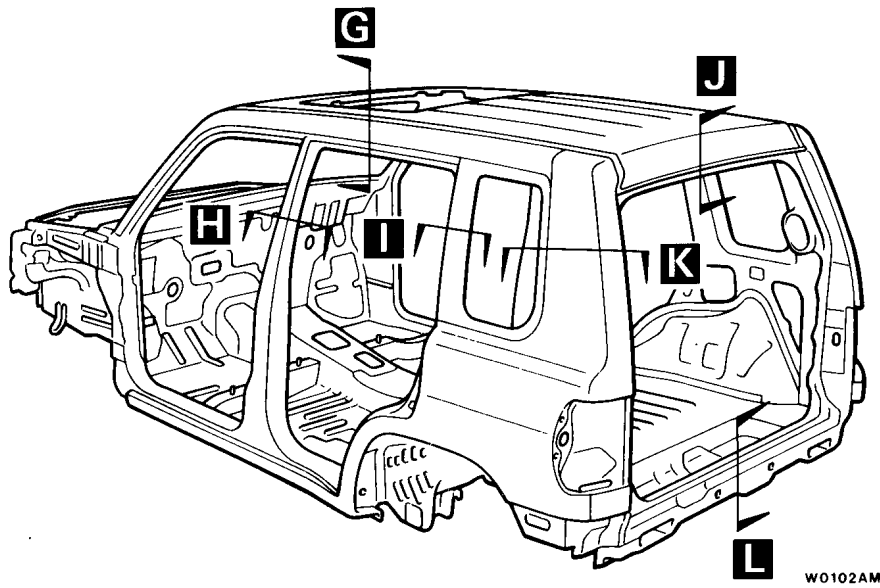


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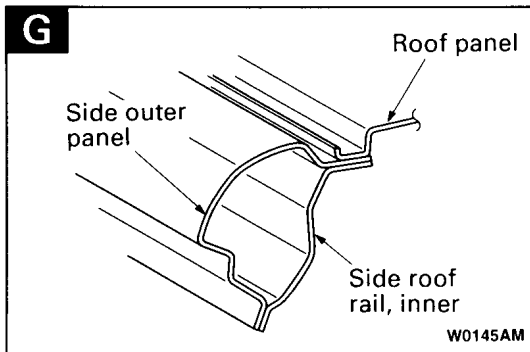


W0101AM

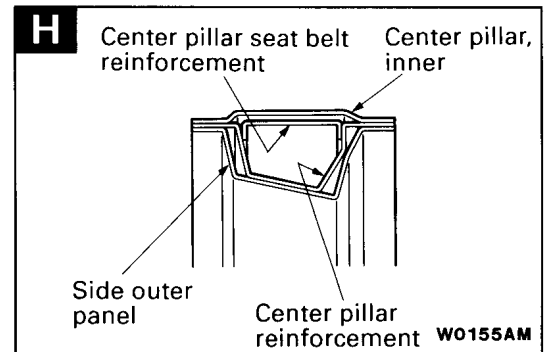




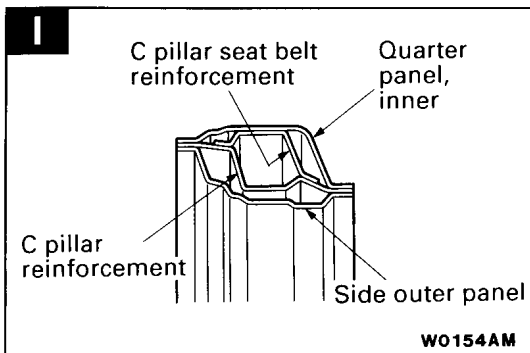
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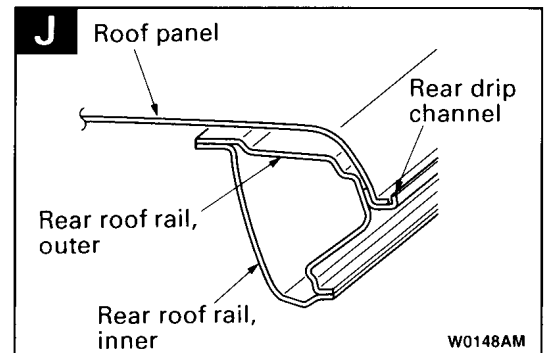
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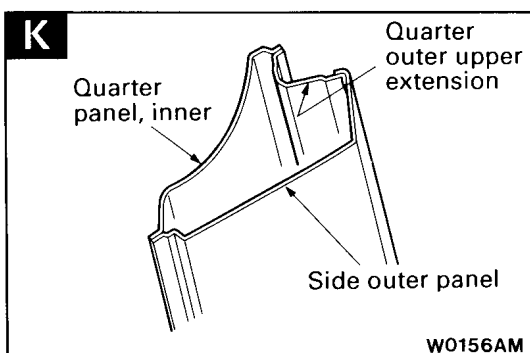
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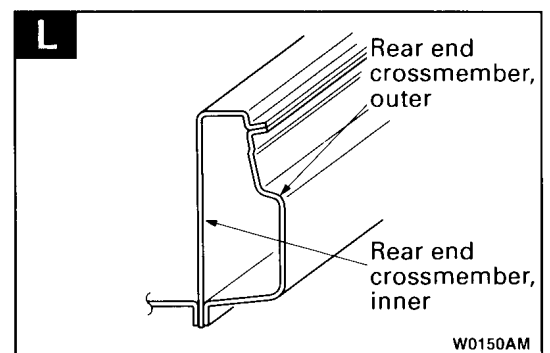
W0154AM



W0148AM



W0156AM

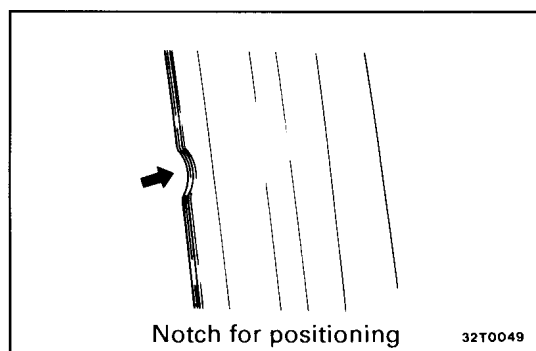


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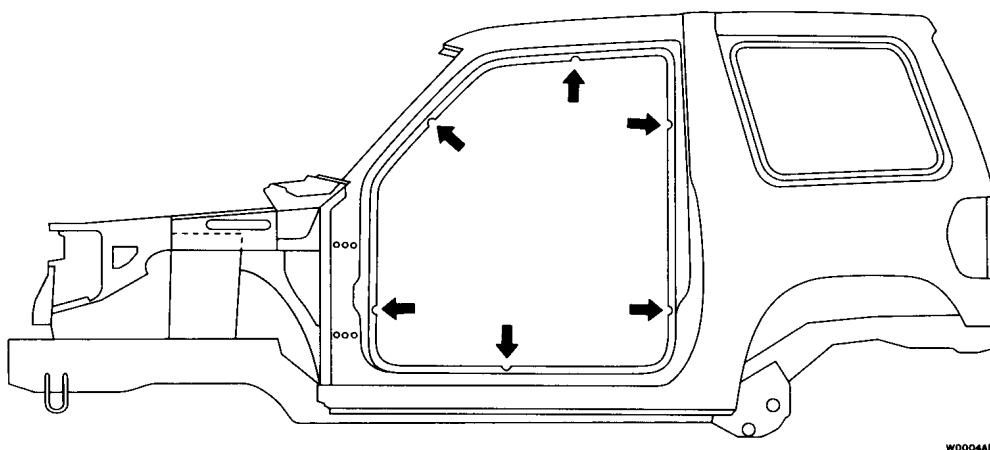
MAINTENANCE, SERVICEABILITY

SIDE STRUCTURE

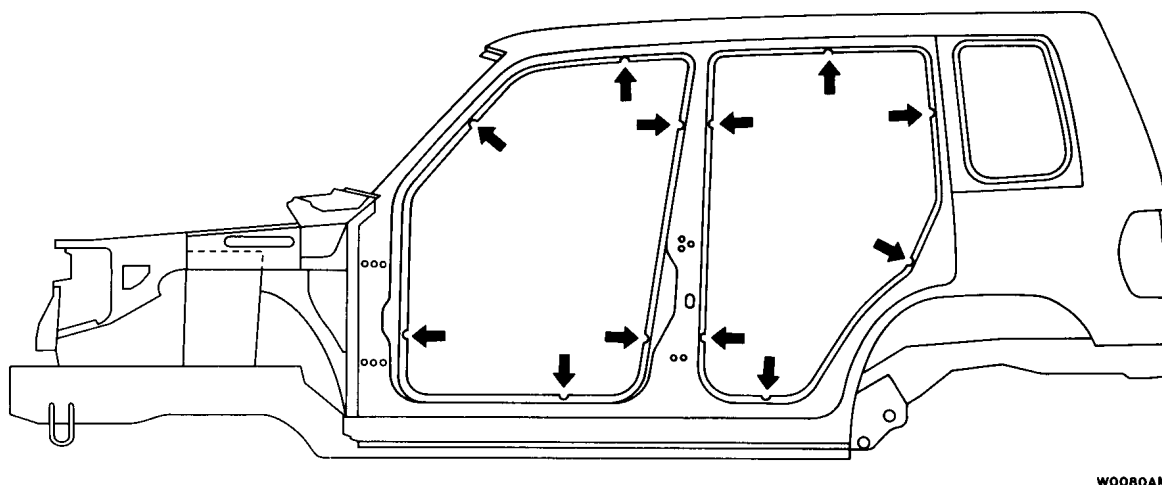
A notch for panel positioning is provided on the door opening to improve the assembly work when replacing panels.



<3 Door>

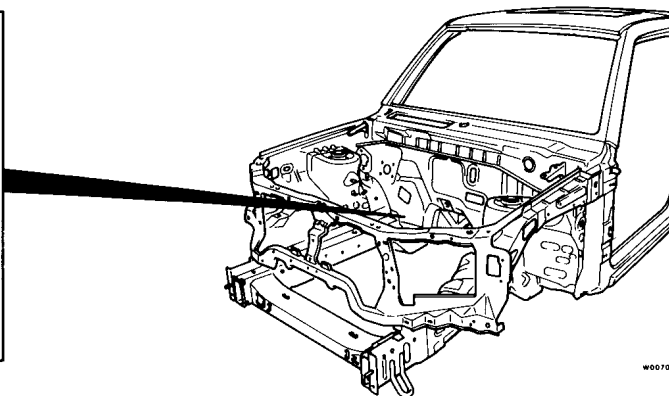
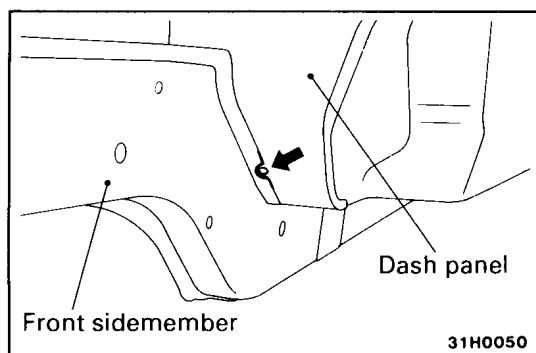


<5 Door>



FENDER SHIELD

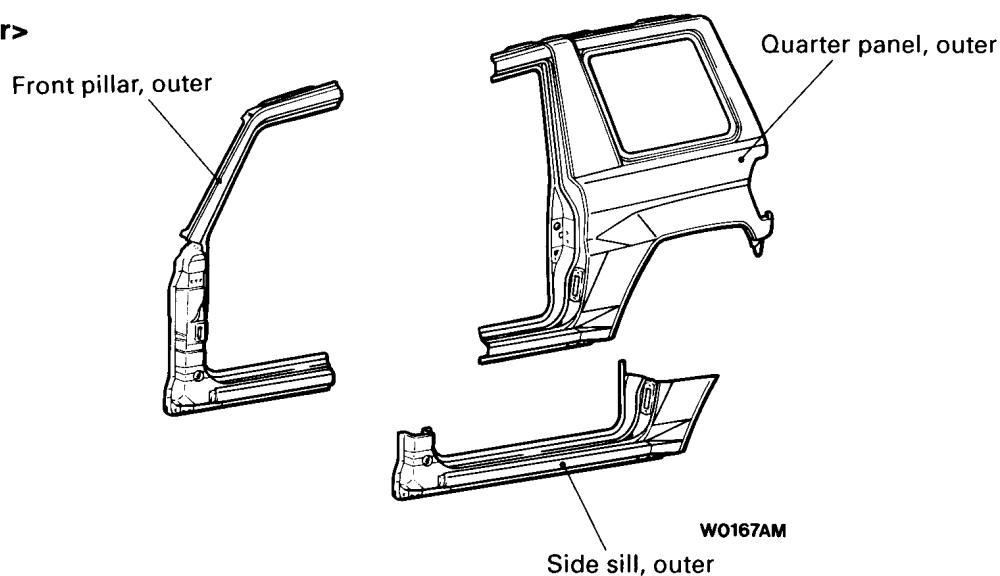
A notch for positioning is provided at the section where the front side member and dash panel overlap to improve the workability when assembling the panel.



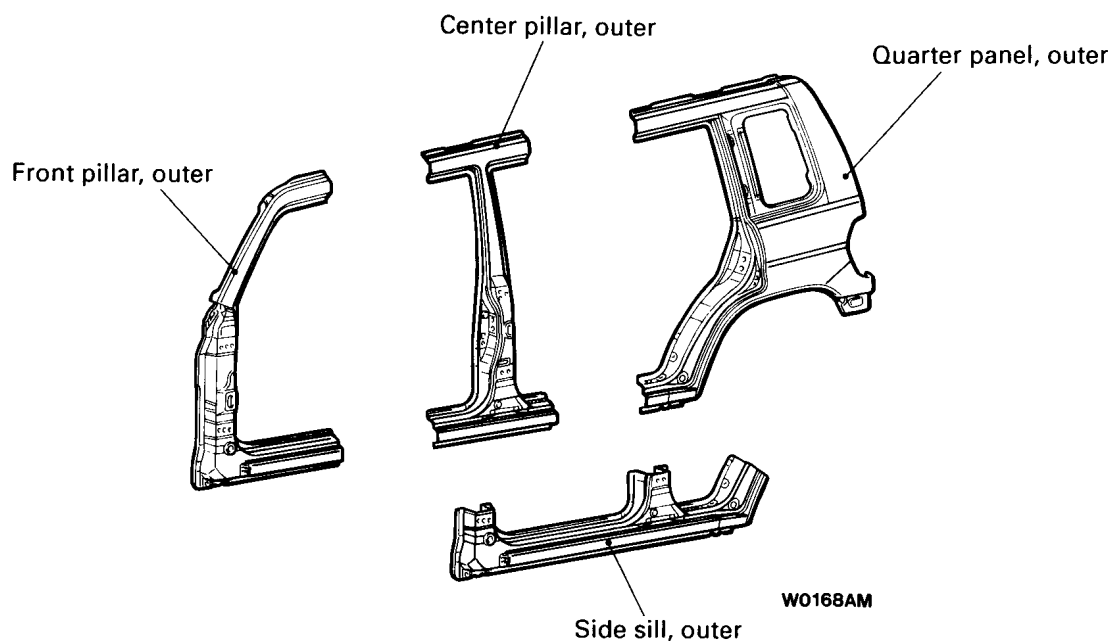
SIDE OUTER PANEL

With the adoption of a side frame integrated side outer panel, the repair parts are supplied in the cut format shown below.

<3 Door>



<5 Door>

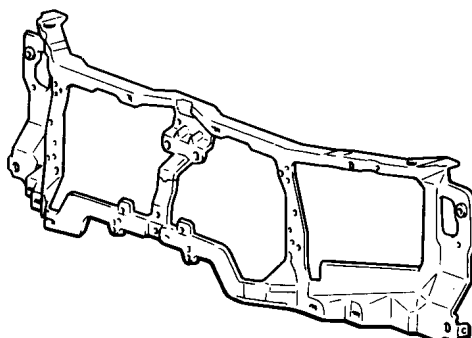


BODY CONSTRUCTION CHARACTERISTICS

FRONT BODY

HEADLAMP SUPPORT

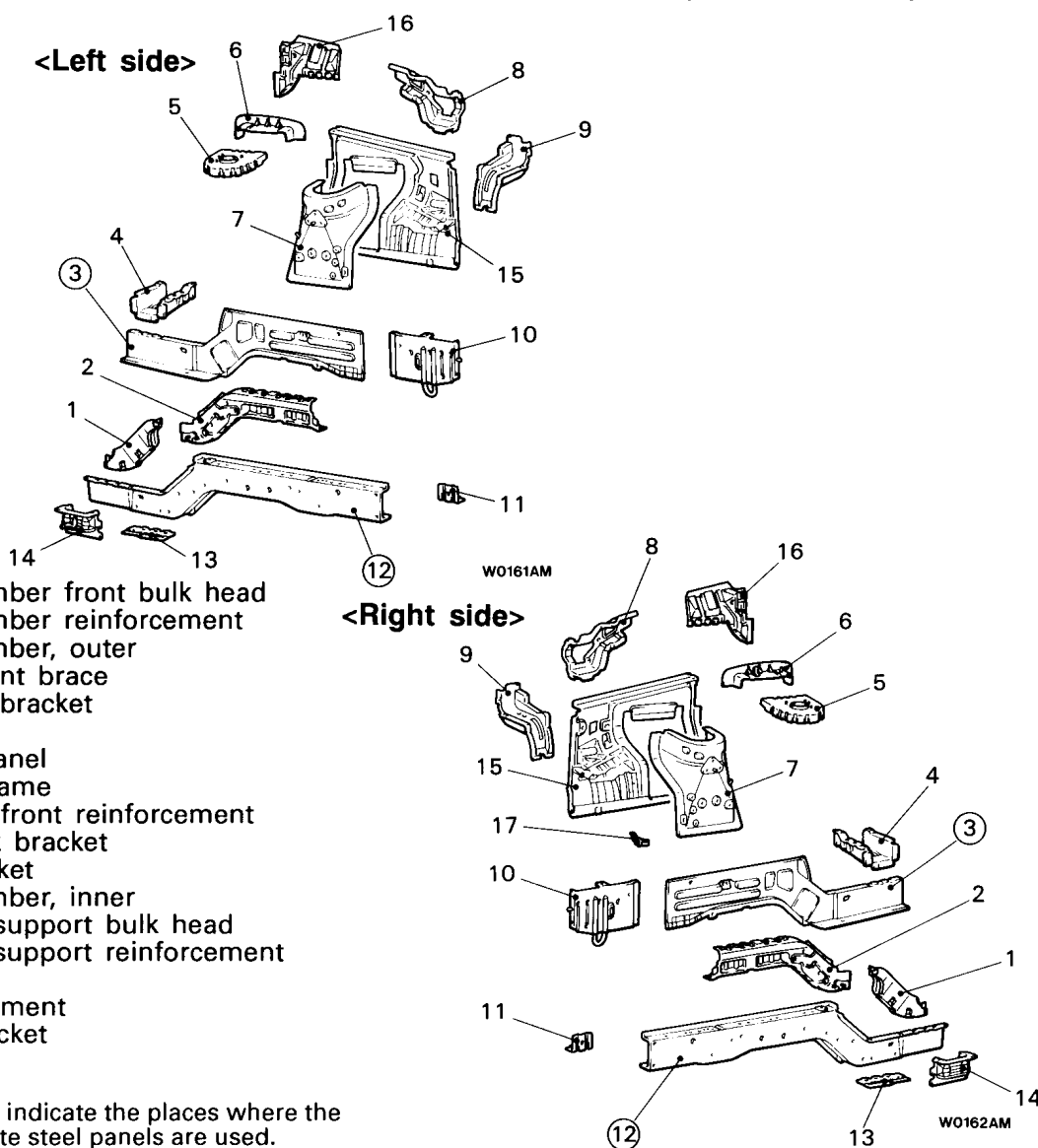
An integrated headlamp support has been used to improve the body precision and to lighten the weight.



W0160AM

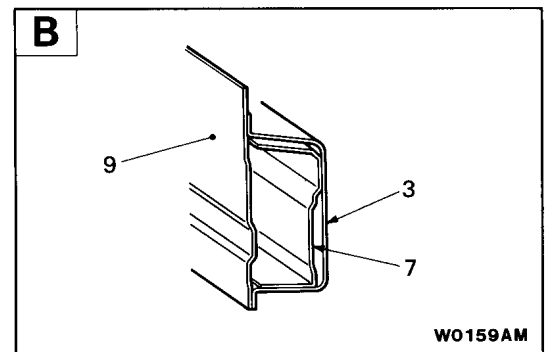
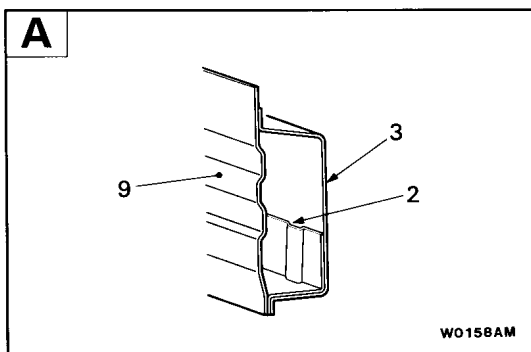
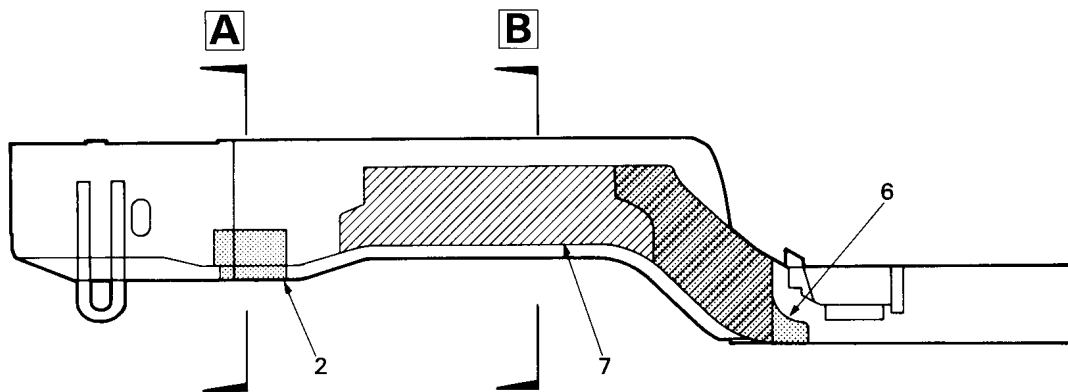
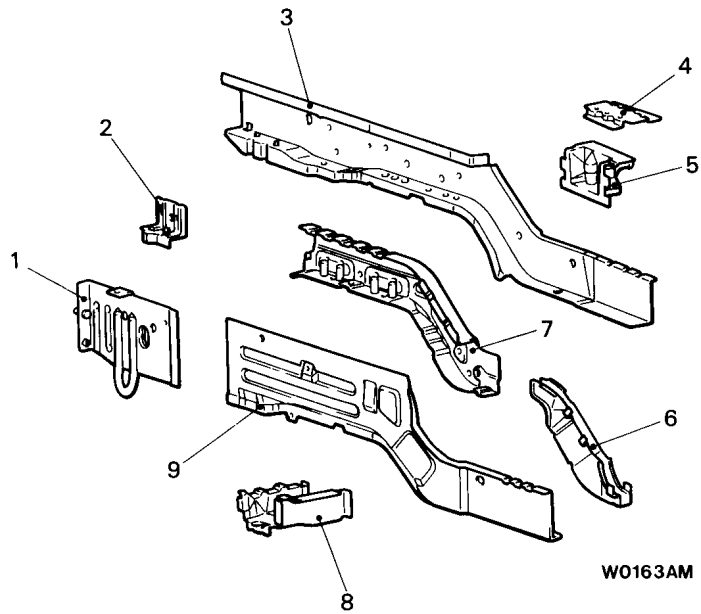
FENDER SHIELD

For the front side members, high-tensile steel panels (high-residue austenite steel panels) having a higher capacity to adsorb crash energy than the conventional high-tensile steel panels have been used.

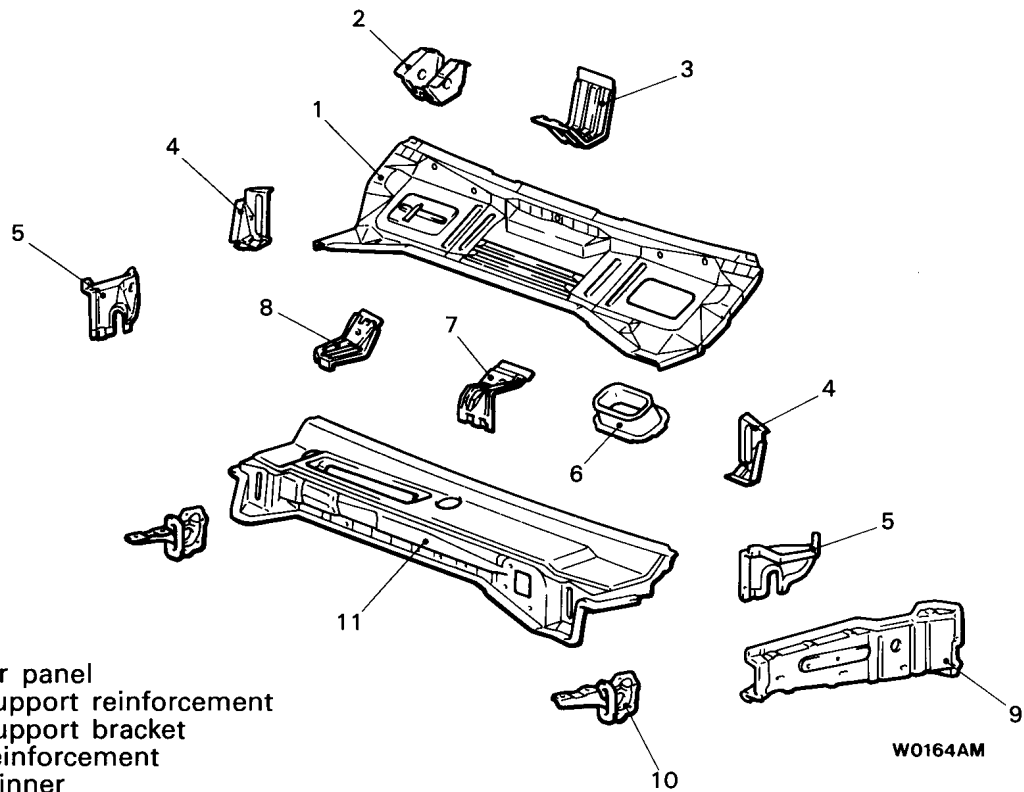


FRONT SIDEMEMBER REINFORCEMENT

1. Shipping hook bracket
2. Strut bar reinforcement
3. Front sidemember, inner
4. Transmission support
5. Transmission support reinforcement
6. Front sidemember front bulk head
7. Front sidemember reinforcement
8. Front floor front brace
9. Front sidemember, inner

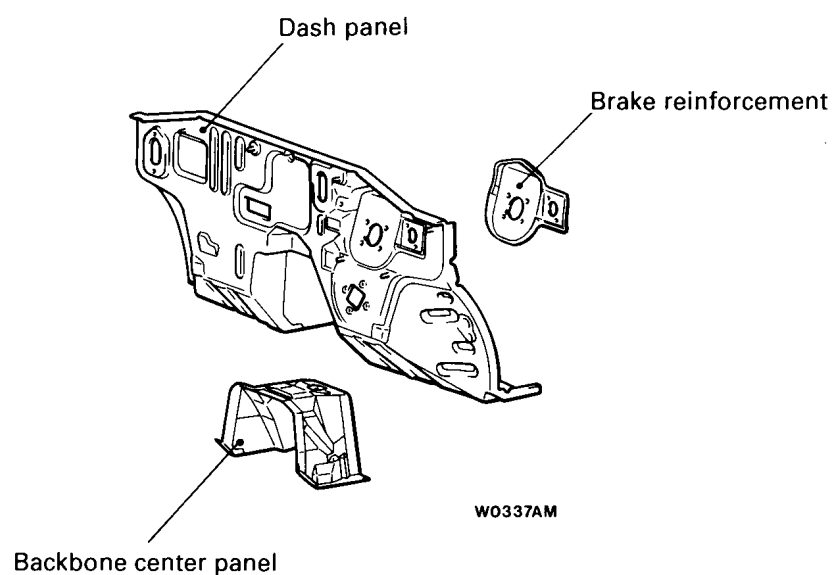


FRONT DECK



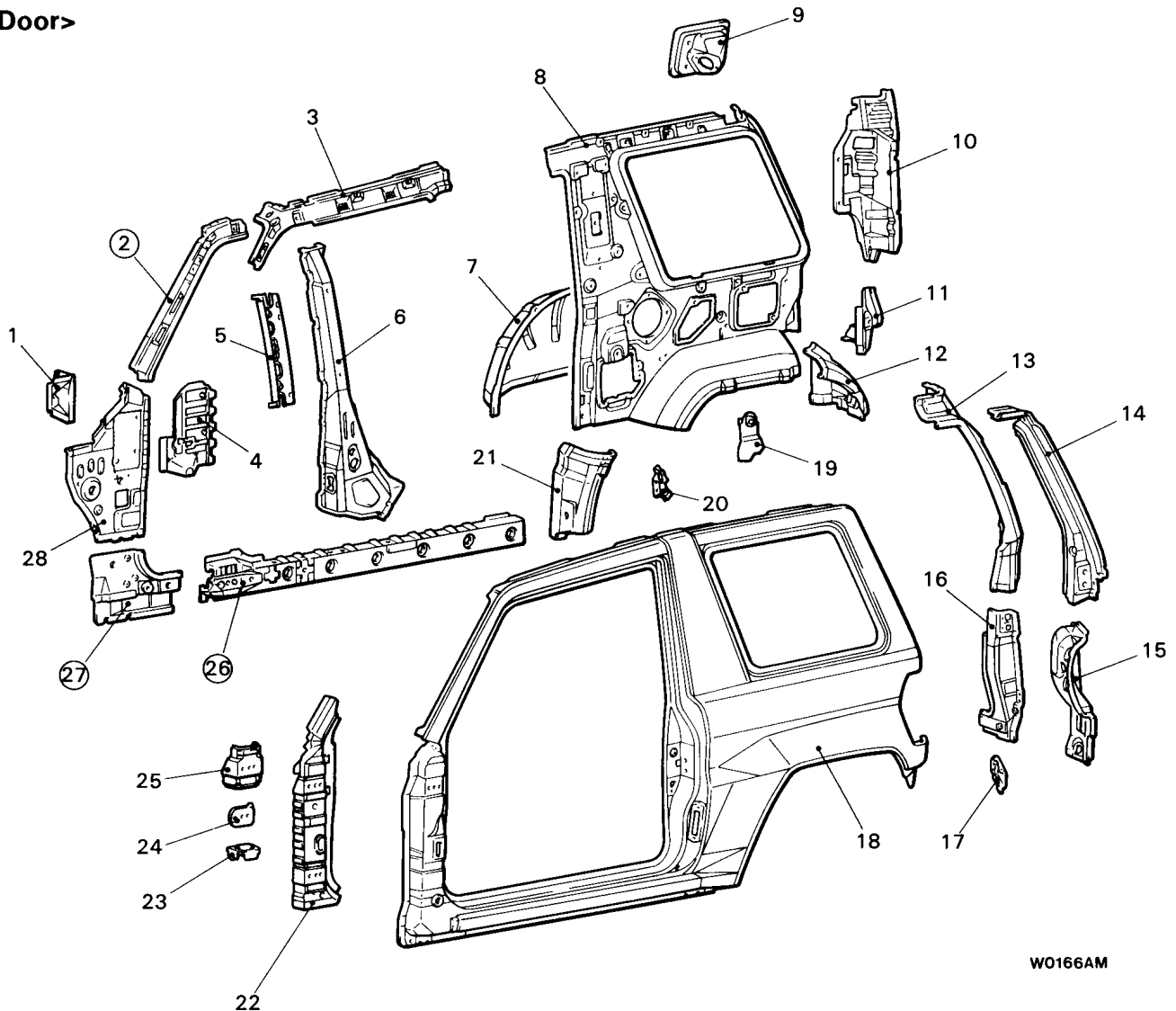
1. Cowl top inner panel
2. Brake pedal support reinforcement
3. Brake pedal support bracket
4. Hood hinge reinforcement
5. Upper frame, inner
6. Ventilator chamber panel
7. Wiper bracket, center
8. Wiper bracket, side
9. Upper frame, outer
10. Hood hinge
11. Cowl top outer panel

DASH PANEL



SIDE BODY**SIDE STRUCTURE**

An integrated structure has been adopted for the side outer panel to improve the body precision. For the impact adsorption parts such as the side sill, high-tension steel panels (high-residue austenite steel panels) having a high energy adsorption level have been used.

<3 Door>

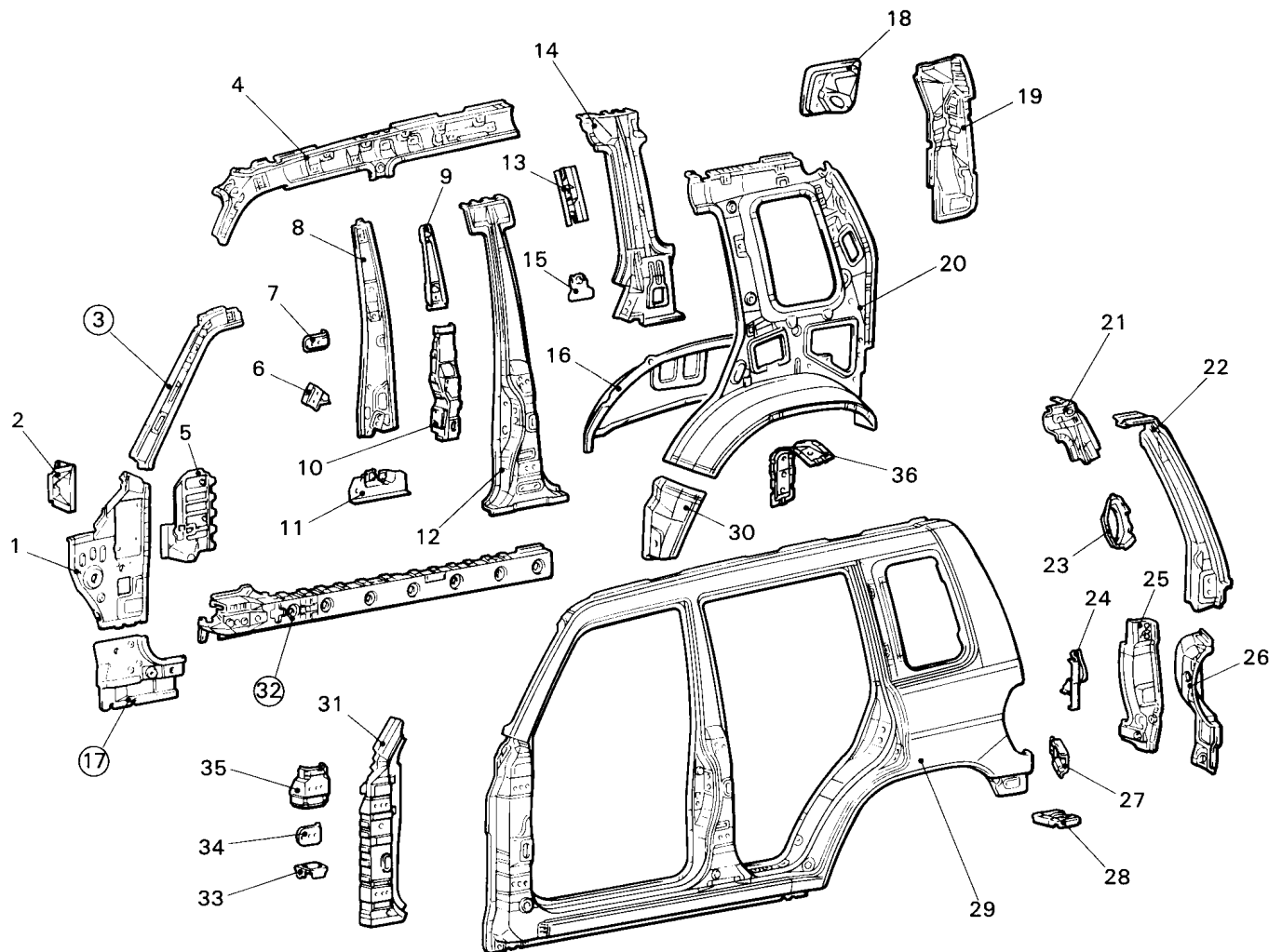
W0166AM

- | | |
|--|---|
| 1. Deck crossmember stay | 15. Rear lamp housing |
| 2. Front pillar, inner upper | 16. Quarter outer lower extension |
| 3. Side roof rail, inner | 17. Quarter corner panel |
| 4. Deck crossmember reinforcement | 18. Side outer panel |
| 5. Seat belt reinforcement, center | 19. Seat belt reinforcement, lower |
| 6. Center pillar reinforcement | 20. G-sensor reinforcement |
| 7. Rear wheel house inner panel | 21. Shield plate, front |
| 8. Quarter panel, inner | 22. Front pillar hinge reinforcement |
| 9. Fuel filler neck bracket (right side) | 23. Front door check reinforcement |
| 10. Rear pillar hinge reinforcement (right side) | 24. Front door hinge reinforcement |
| 11. Quarter inner extension | 25. Front door hinge reinforcement, upper |
| 12. Quarter inner lower extension | 26. Side sill outer reinforcement |
| 13. Rear pillar reinforcement | 27. Front pillar inner lower extension |
| 14. Quarter outer upper extension | 28. Front pillar, inner lower |

NOTE

The circled numbers indicate the places where the high-residue austenite steel panels are used.

<5 Door>



W0169AM

- | | |
|--|--|
| 1. Front pillar, inner lower | 19. Rear pillar hinge reinforcement (right side) |
| 2. Deck crossmember stay | 20. Quarter panel, inner |
| 3. Front pillar, inner upper | 21. Rear pillar reinforcement |
| 4. Side roof rail, inner | 22. Quarter outer upper extension |
| 5. Deck crossmember reinforcement | 23. Speaker bracket |
| 6. Air bag sensor reinforcement | 24. Quarter inner extension |
| 7. Center pillar hinge reinforcement, lower | 25. Quarter outer lower extension |
| 8. Center pillar, inner | 26. Rear lamp housing |
| 9. Center pillar seat belt reinforcement | 27. Quarter corner panel |
| 10. Center pillar hinge reinforcement, lower | 28. Shield plate, rear |
| 11. Front seat belt reinforcement, lower | 29. Side outer panel |
| 12. Center pillar reinforcement | 30. Shield plate |
| 13. C pillar seat belt reinforcement | 31. Front pillar hinge reinforcement |
| 14. C pillar reinforcement | 32. Side sill outer reinforcement |
| 15. Rear seat belt reinforcement, lower | 33. Front door check reinforcement |
| 16. Rear wheel house inner panel | 34. Front door hinge reinforcement |
| 17. Front pillar inner lower extension | 35. Front door hinge reinforcement, upper |
| 18. Fuel filler neck bracket (right side) | 36. Rear wheel house inner reinforcement |

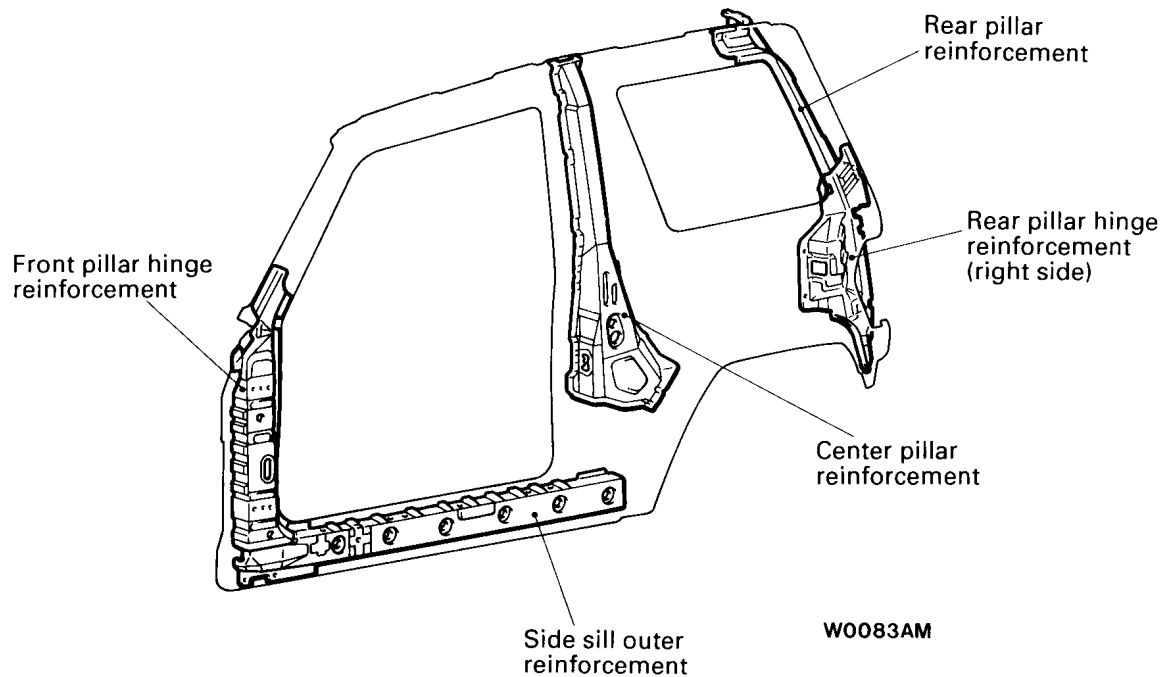
NOTE

The circled numbers indicate the places where the high-residue austenite steel panels are used.

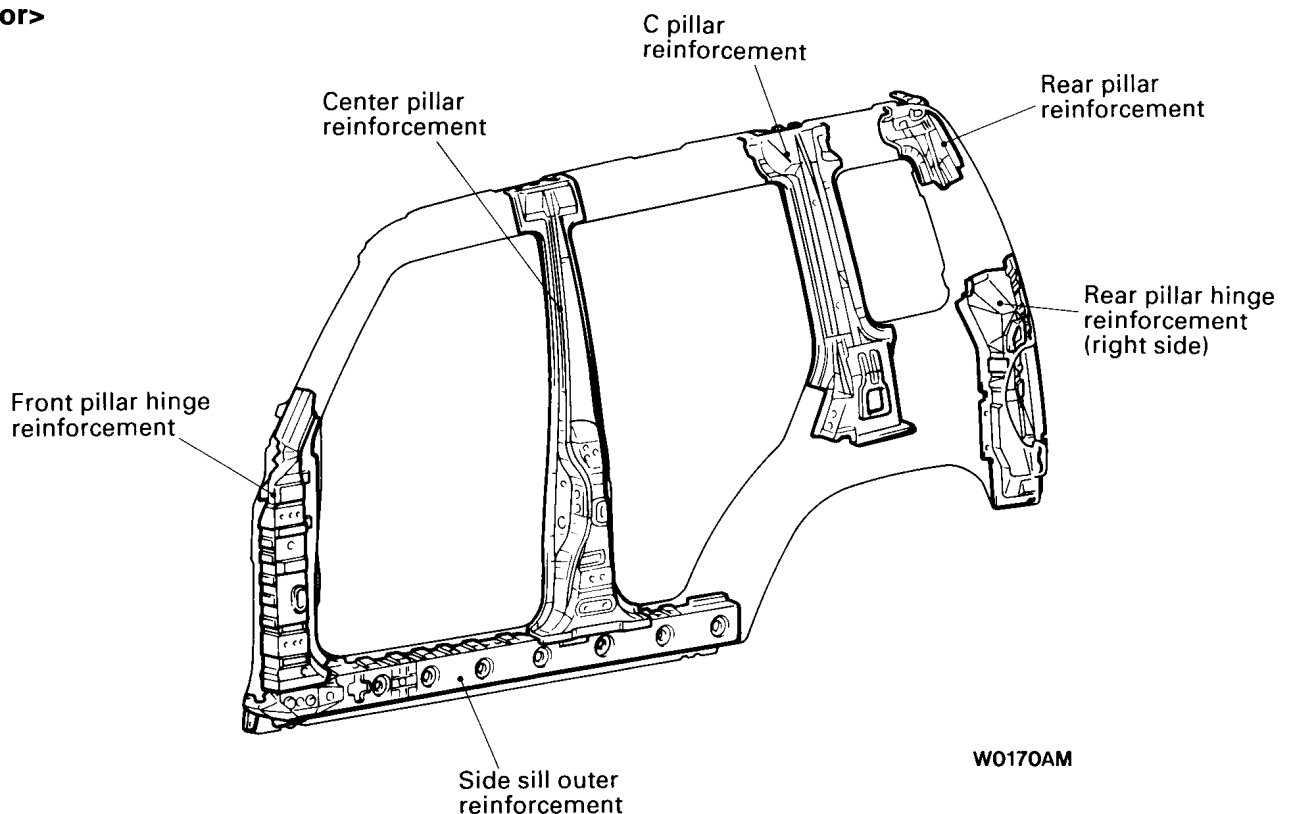
SIDE STRUCTURE REINFORCEMENTS

- (1) A large front pillar hinge reinforcement has been used for the front pillar to enhance the body rigidity and to enhance the rigidity at the coupling with the side sill.
- (2) A large reinforcement has been used for the center pillar, C pillar and rear pillar to enhance the body rigidity and to enhance the rigidity at the coupling with the side roof rail.
- (3) A large cross-section structure has been used for the side sill. A large reinforcement has been arranged at all of the side sill sections to enhance the body rigidity and the side collision characteristics.

<3 Door>



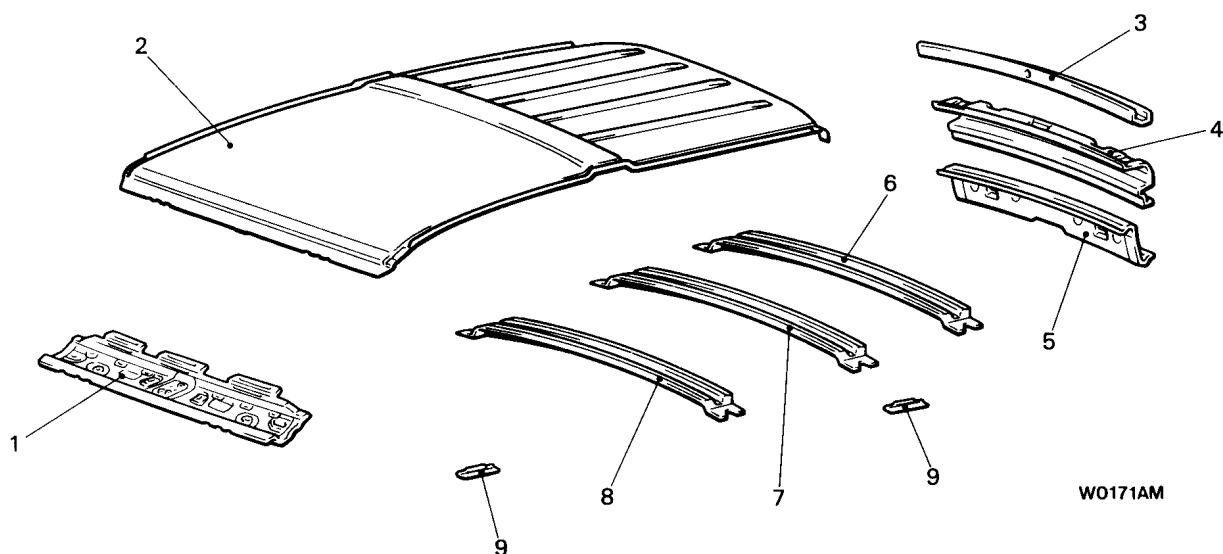
<5 Door>



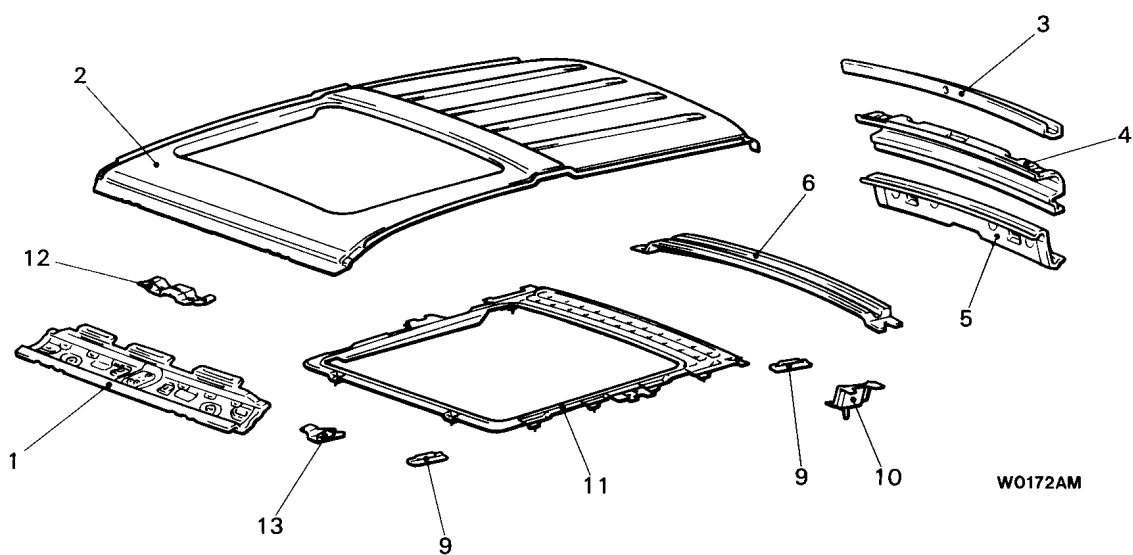
ROOF

<3 Door>

Standard roof



Sunroof

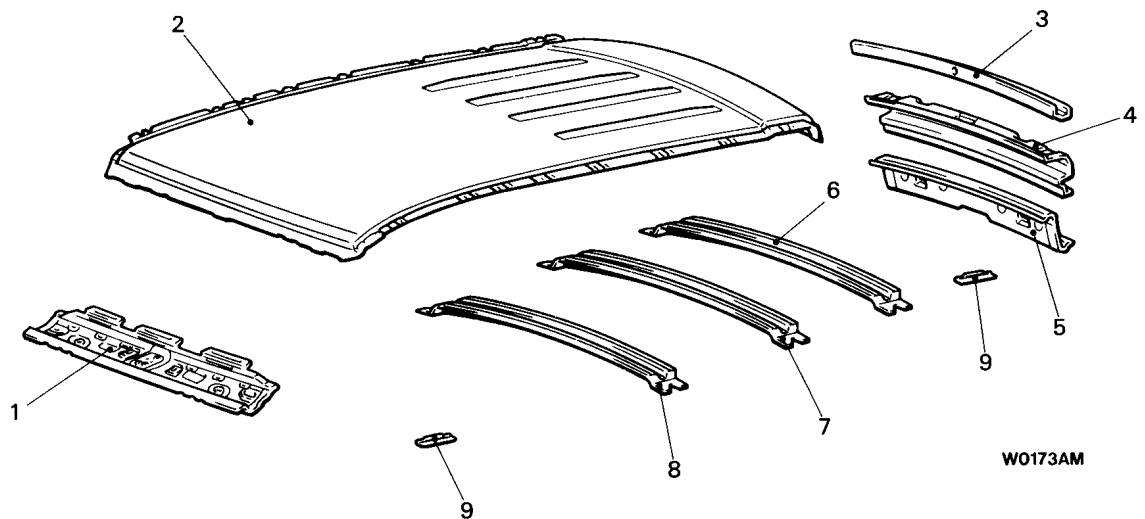


1. Front roof rail
2. Roof panel
3. Rear drip channel
4. Rear roof rail, outer
5. Rear roof rail, inner
6. Rear roof bow
7. Center roof bow

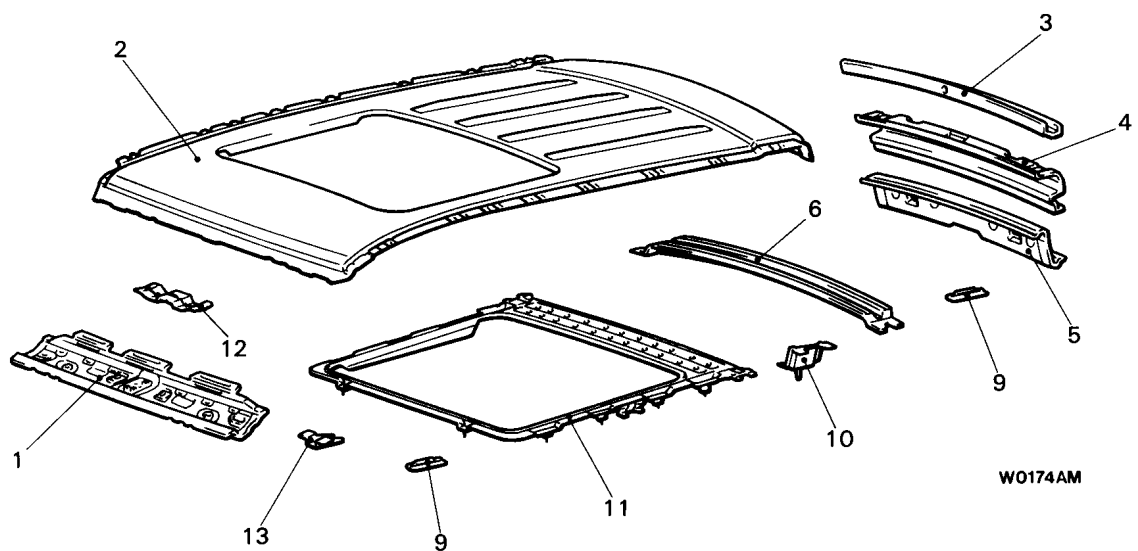
8. Front roof bow
9. Roof carrier plate
10. Set bracket, rear
11. Roof reinforcement
12. Room mirror bracket
13. Holder bracket

<5 Door>

Standard roof



Sunroof

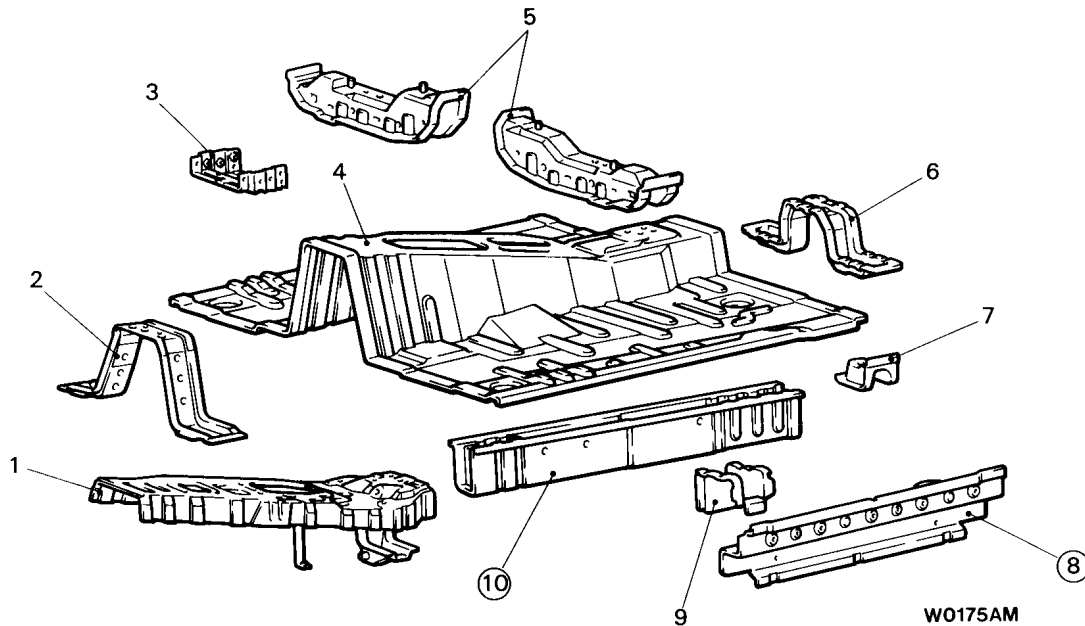


1. Front roof rail
2. Roof panel
3. Rear drip channel
4. Rear roof rail, outer
5. Rear roof rail, inner
6. Rear roof bow
7. Center roof bow

8. Front roof bow
9. Roof carrier plate
10. Set bracket, rear
11. Roof reinforcement
12. Room mirror bracket
13. Holder bracket

UNDER BODY**FRONT FLOOR**

For the impact adsorption parts such as the front floor side member, high-tension steel panels (high-residue austenite steel panels) having a high energy adsorption level have been used.

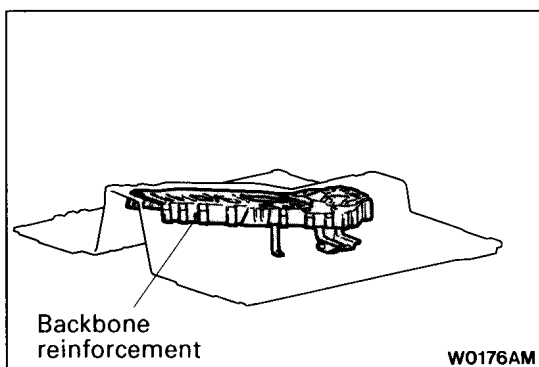


1. Backbone reinforcement
2. Front floor crossmember, front
3. Air bag sensor bracket
4. Front floor pan
5. Front floor crossmember

6. Front floor crossmember, rear
7. Front seat side bracket
8. Front floor side sill, inner
9. Front floor center brace
10. Front floor sidemember

NOTE

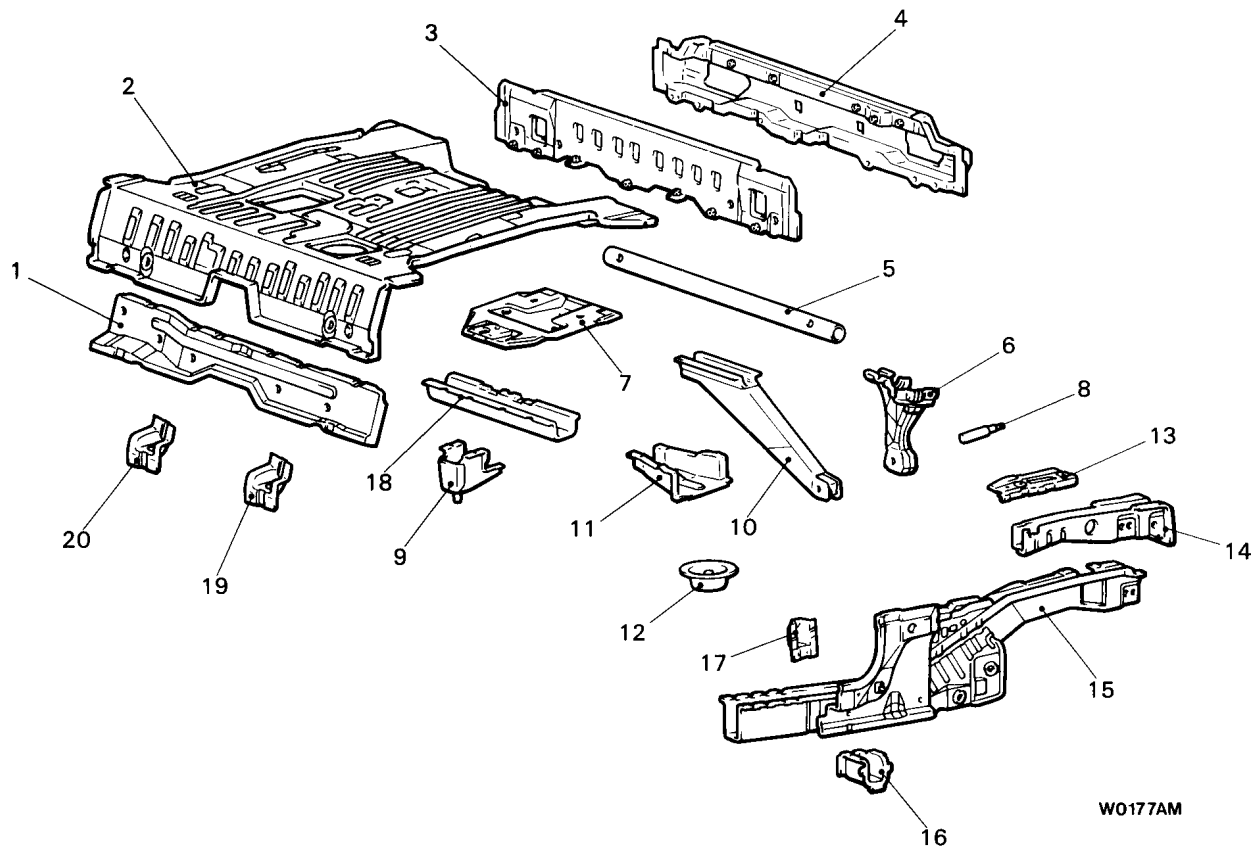
The circled numbers indicate the places where the high-residue austenite steel panels are used.



- (1) A large backbone reinforcement has been arranged below the front floor to enhance the torsion rigidity and to reduce vibration to the floor.

REAR FLOOR

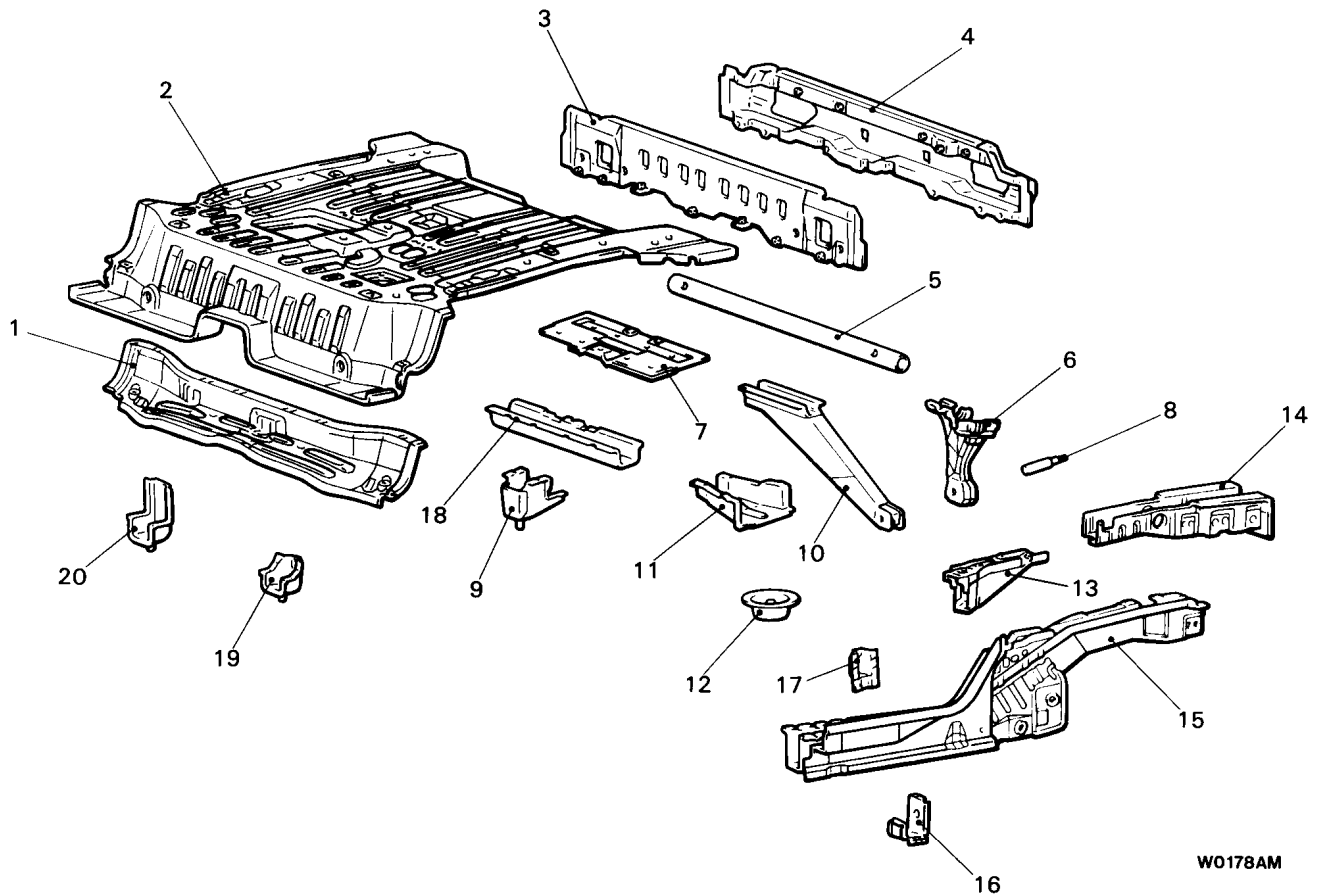
<3 Door>



1. Rear floor crossmember, front
2. Rear floor pan
3. Rear end inner crossmember
4. Rear end outer crossmember
5. Rear floor crossmember pipe
6. Lateral rod bracket
7. Rear seat belt reinforcement, center
8. Absorber pin
9. Fuel tank bracket, rear
10. Lateral rod stay

11. Rear floor crossmember extension
12. Spring seat
13. Rear seat belt reinforcement
14. Rear floor sidemember extension, rear
15. Rear floor sidemember
16. Rear floor rear brace
17. Fuel tank bracket, side
18. Rear floor crossmember
19. Fuel tank bracket, front
20. Fuel tank bracket

<5 Door>



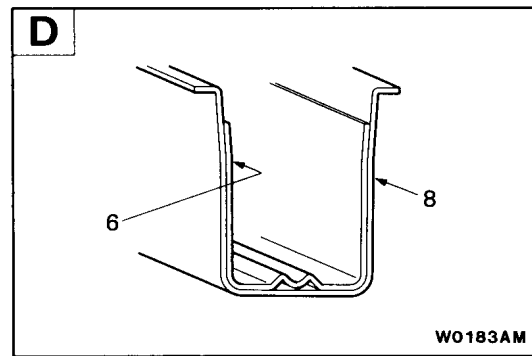
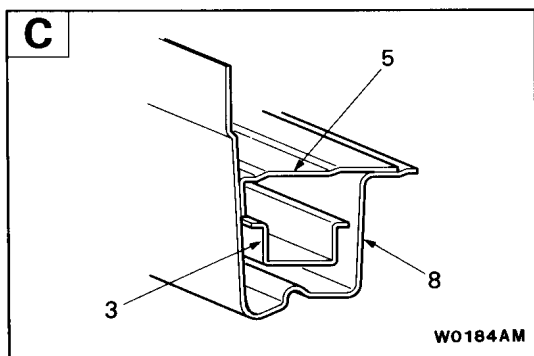
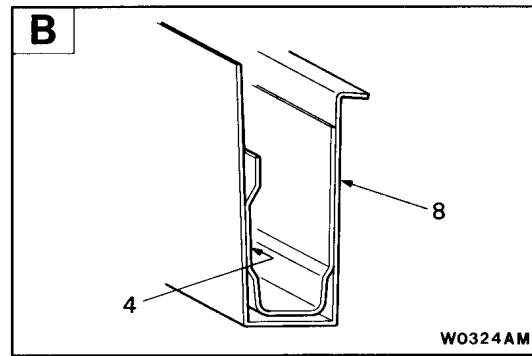
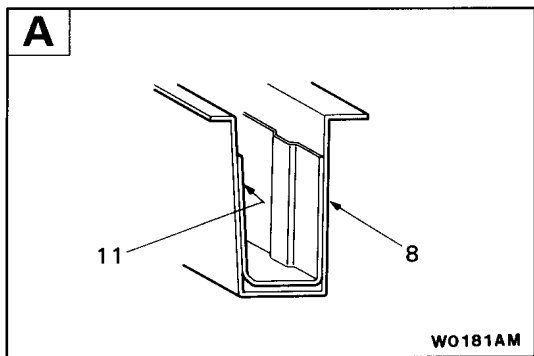
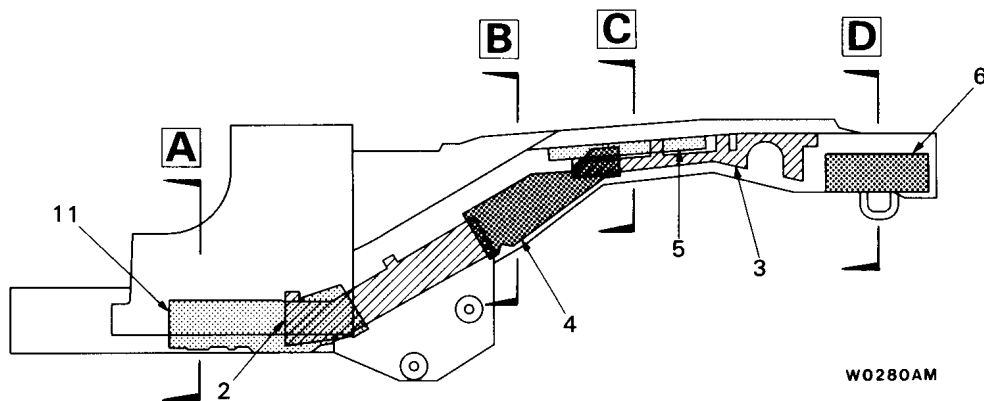
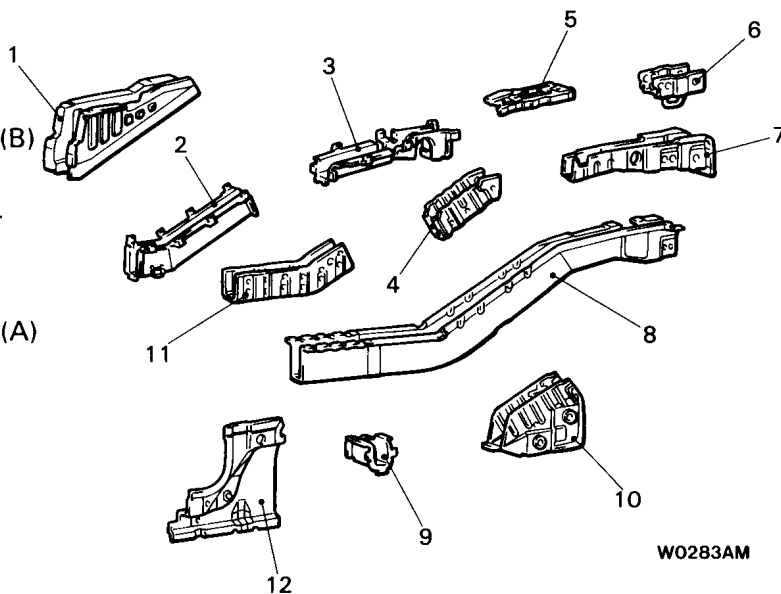
W0178AM

- | | |
|---|---|
| 1. Rear seat crossmember, front | 11. Rear floor crossmember extension |
| 2. Rear floor pan | 12. Spring seat |
| 3. Rear end inner crossmember | 13. Rear seat belt reinforcement |
| 4. Rear end outer crossmember | 14. Rear floor sidemember extension, rear |
| 5. Rear floor crossmember pipe | 15. Rear floor sidemember |
| 6. Lateral rod bracket | 16. Rear floor rear brace |
| 7. Rear seat belt reinforcement, center | 17. Fuel tank bracket, side |
| 8. Absorber pin | 18. Rear floor crossmember |
| 9. Fuel tank bracket, rear | 19. Fuel tank bracket, front |
| 10. Lateral rod stay | 20. Fuel tank bracket |

REAR FLOOR SIDEMEMBER REINFORCEMENT

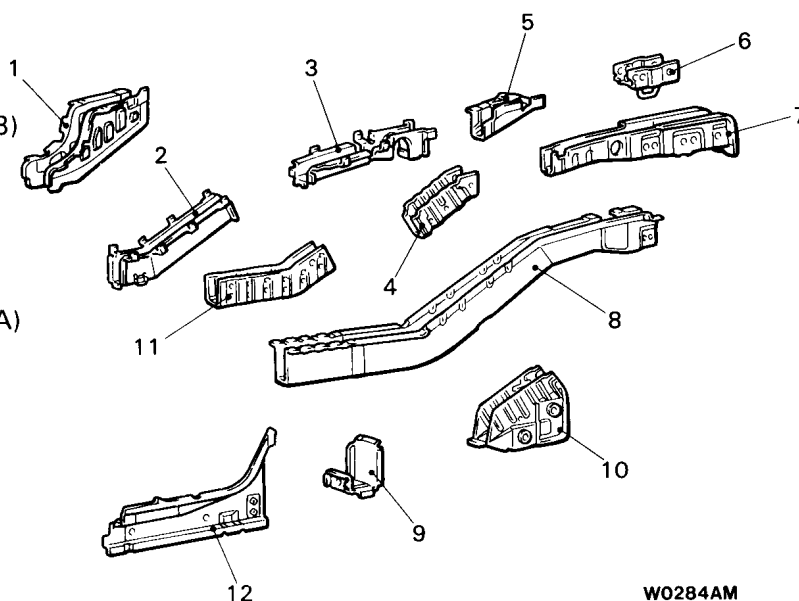
<3 Door>

1. Rear floor side member extension
2. Former support (A)
3. Former support (B)
4. Rear floor sidemember reinforcement (B)
5. Rear seat belt reinforcement
6. Shipping hook reinforcement
7. Rear floor sidemember extension, rear
8. Rear floor sidemember
9. Rear floor rear brace
10. Trailing arm bracket
11. Rear floor sidemember reinforcement (A)

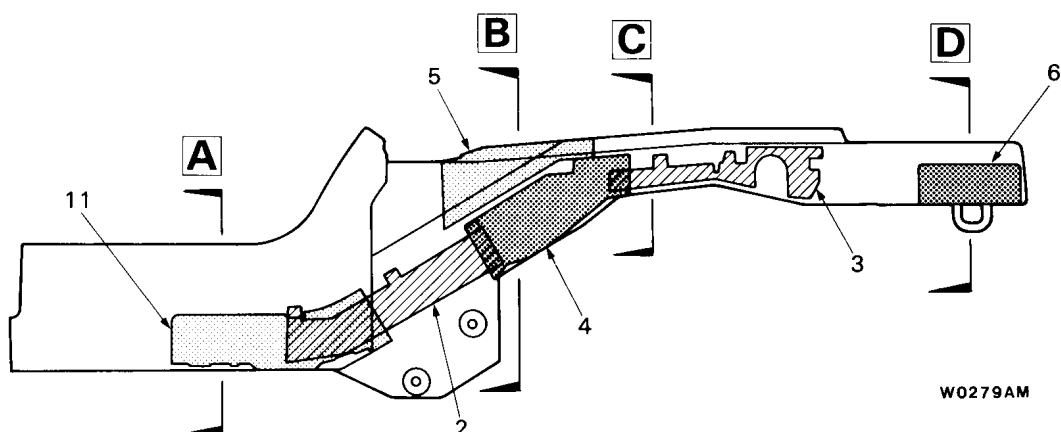


<5 Door>

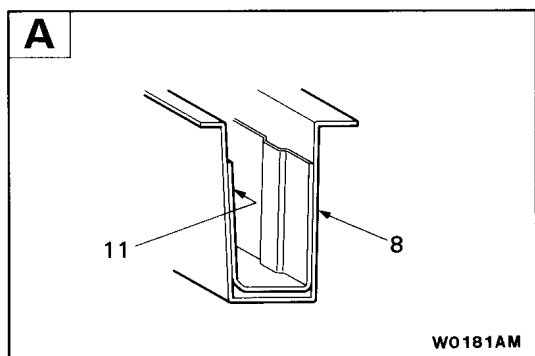
1. Rear floor side member extension
2. Former support (A)
3. Former support (B)
4. Rear floor sidemember reinforcement (B)
5. Rear seat belt reinforcement
6. Shipping hook reinforcement
7. Rear floor sidemember extension, rear
8. Rear floor sidemember
9. Rear floor rear brace
10. Trailing arm bracket
11. Rear floor sidemember reinforcement (A)
12. Side sill, inner rear



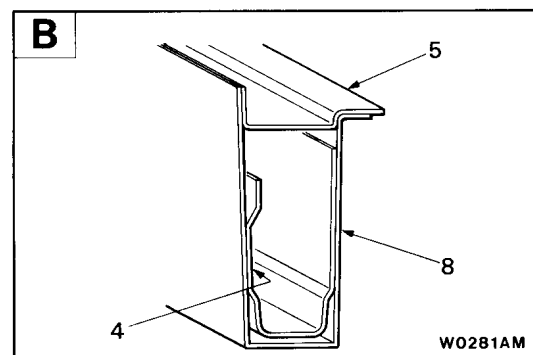
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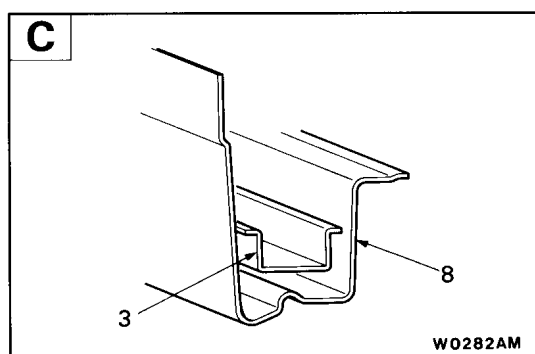
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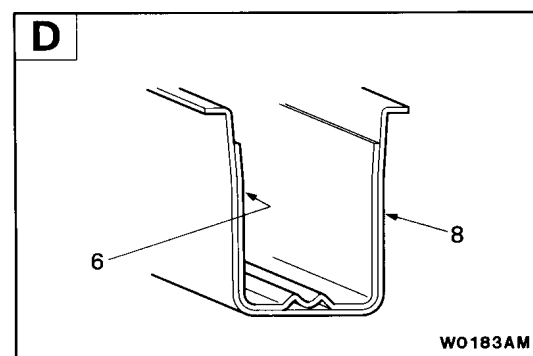
W0181AM



W0281AM



W0282AM

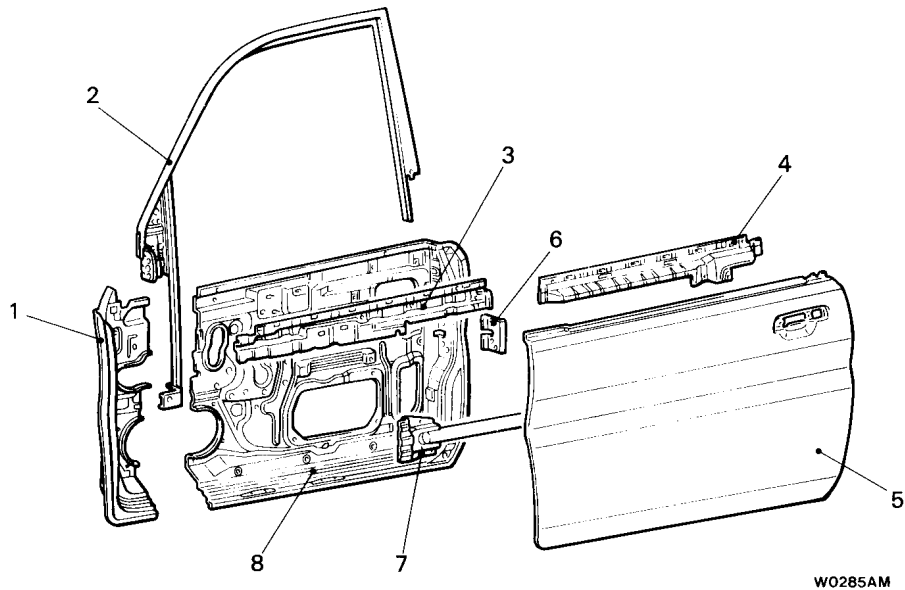


W0183AM

DOOR

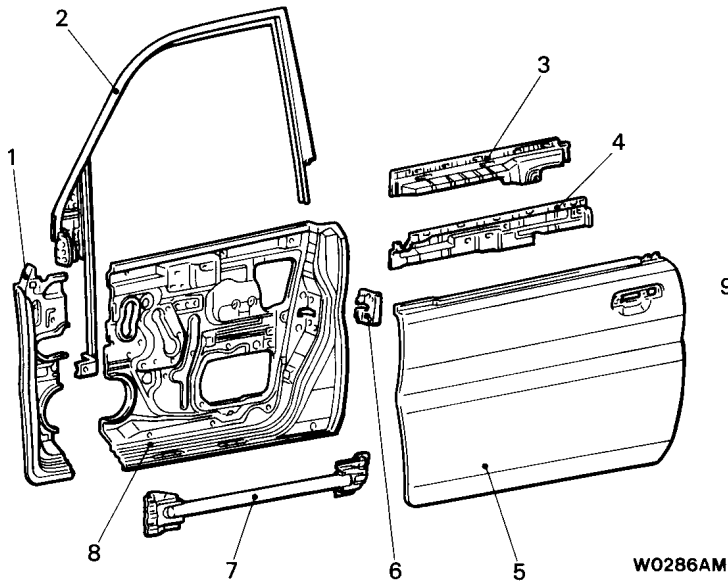
The doors have been equipped with reinforcements (side door beams) to protect the occupants at side crash.

<3 Door>

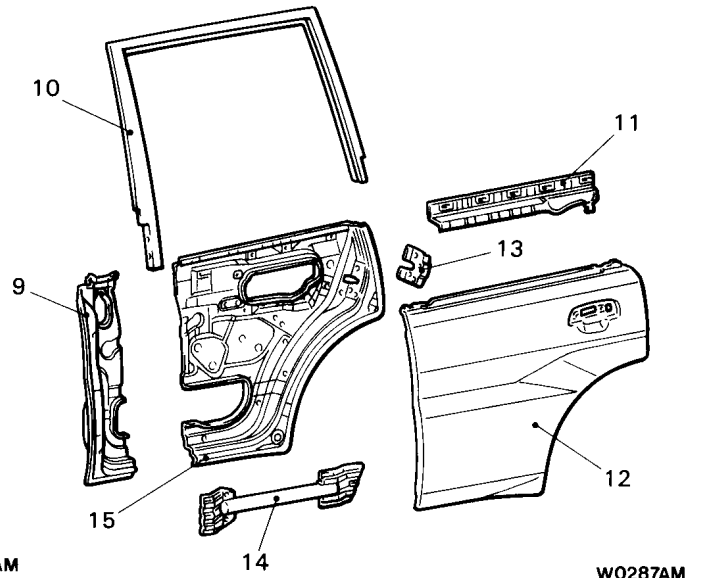


<5 Door>

Front door



Rear door



1. Front door hinge panel
2. Front door window sash
3. Front door beltline inner reinforcement
4. Front door beltline outer reinforcement
5. Front door outer panel
6. Front door latch reinforcement
7. Front door side door beam
8. Front door inner panel

9. Rear door hinge panel
10. Rear door window sash
11. Rear door beltline outer reinforcement
12. Rear door outer panel
13. Rear door latch reinforcement
14. Rear door side door beam
15. Rear door inner panel

SILENCER APPLICATION LOCATIONS

A silencer (melting sheet) has been attached to the dash panel and on the floor to prevent vibration and to shield the exhaust gas heat. RSS* sheet and silencer are layered and attached to the front panel section to further enhance the sound isolation properties. If the silencer and RSS sheet peel off when replacing or repairing the welded panels, etc., cut the repair parts as shown below and attach.

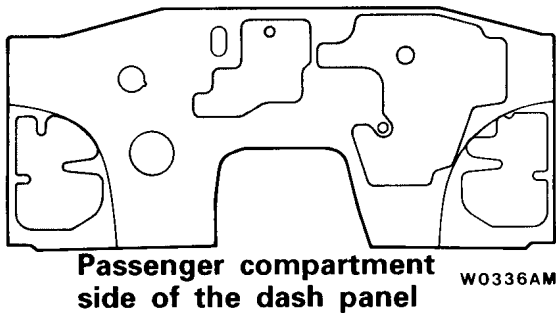
NOTE

RSS* sheet (thermosetting resin sheet)

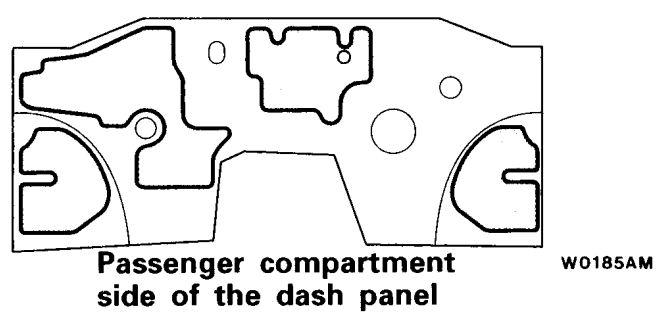
This is a sheet formed to a constant thickness (2.0 mm). The main components are asphalt and rubber, to which modified resin and filler have been mixed. The same vibration and noise reducing properties as the steel panel sandwich type are provided.

*: Rubber Special Sheet (Nihon Tokushu Toryo product name)

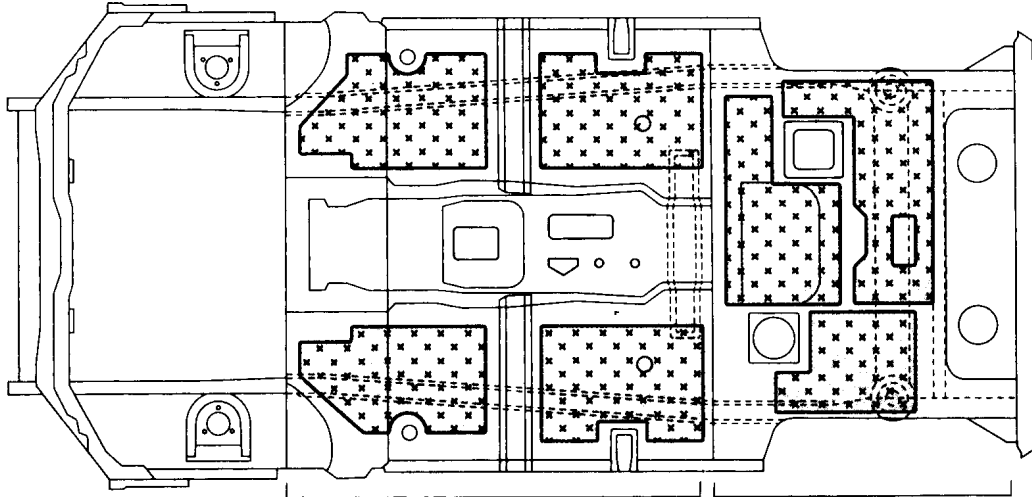
<L.H. drive vehicles>



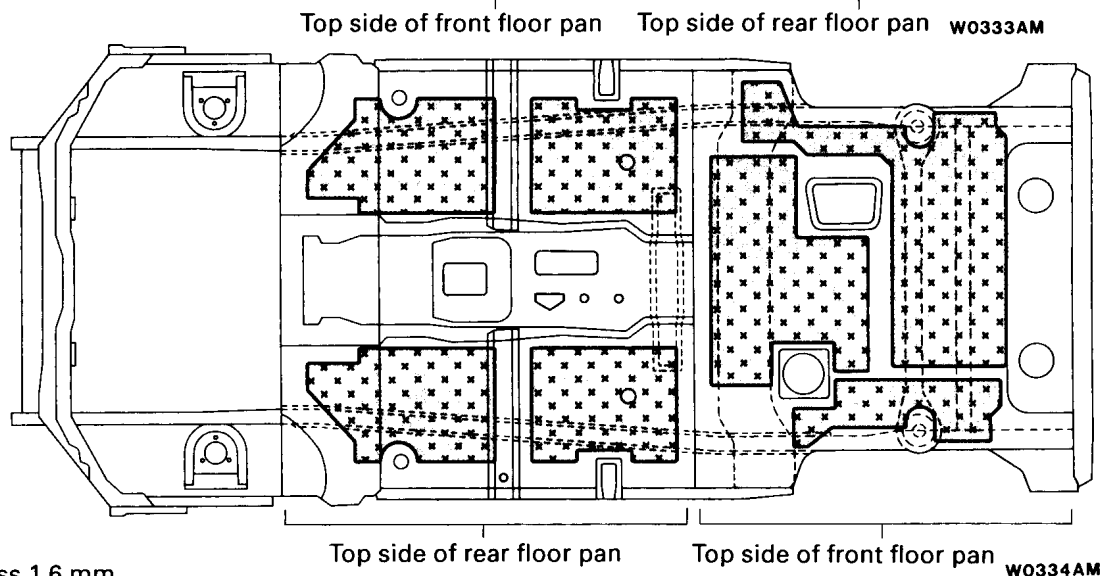
<R.H. drive vehicles>



<3 Door>



<5 Door>



□ : Thickness 1.6 mm

■ : Layer RSS sheet (thickness 2.0 mm) on the silencer (thickness 1.6 mm).

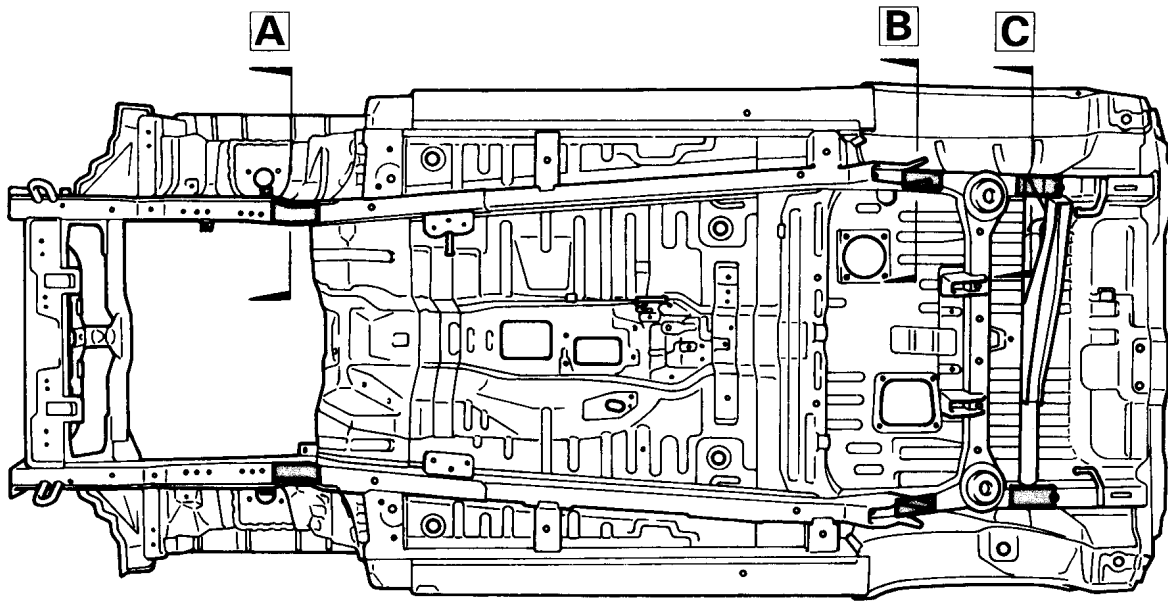
FOAMING AGENT USAGE LOCATIONS

Foaming agent has been filled in the front side member and rear floor side member to reduce the vibration and noise from the suspension.

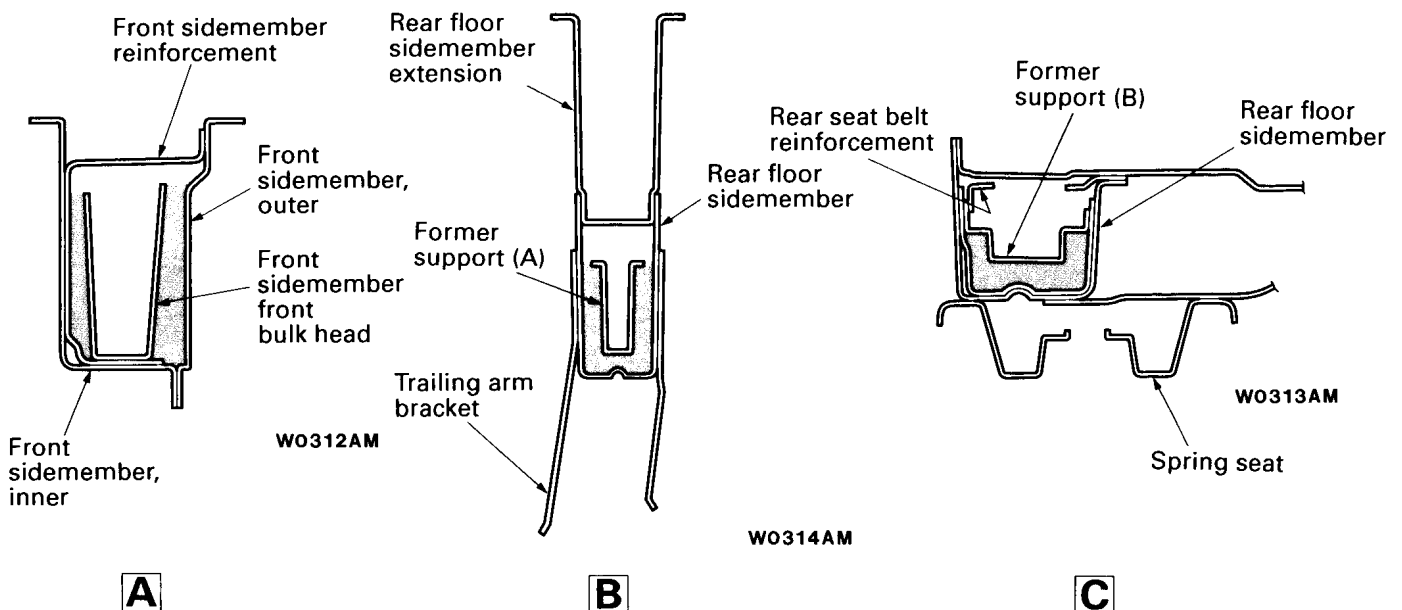
Points to note when working with panels in foaming agent usage locations:

The foaming agent may ignite if it is heated, so the following points must be observed without fail.

- (1) Do not use a gas burner or other similar equipment to heat the areas where foaming agent has been used.
- (2) When cutting the areas where foaming agent has been used, use equipment (such as a pneumatic saw) which does not produce heat to make the cuts.
- (3) If any foaming agent is remaining at the cutting locations (on the body side), clean off all foaming agent from around the area before carrying out welding.

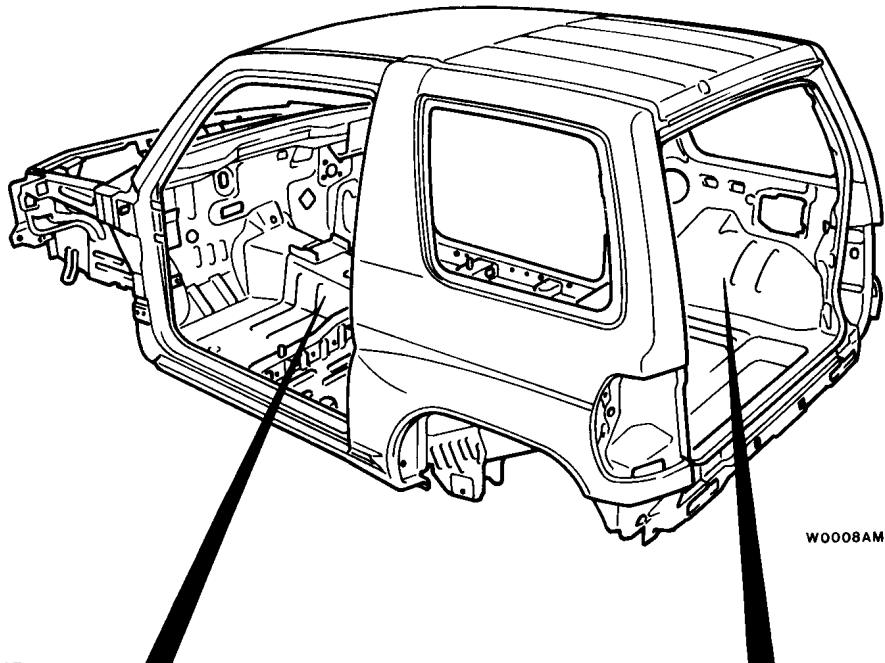


W0315AM

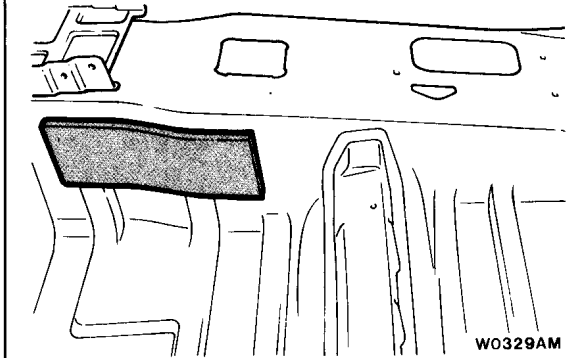


DAMPING SHEET APPLICATION LOCATIONS

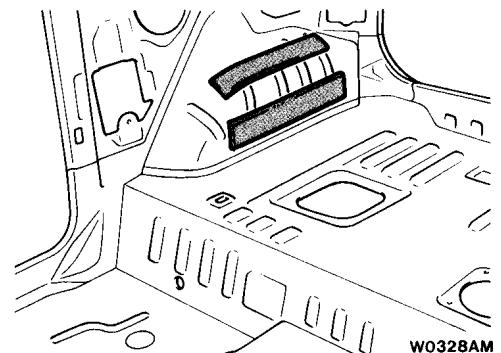
Damping sheets have been attached to the front floor backbone section and rear wheel house inner section to improve the surface rigidity and to improve the noise isolation properties with the damping effect.



<Vehicles with M/T>



<3 Door>



<5 Door>

