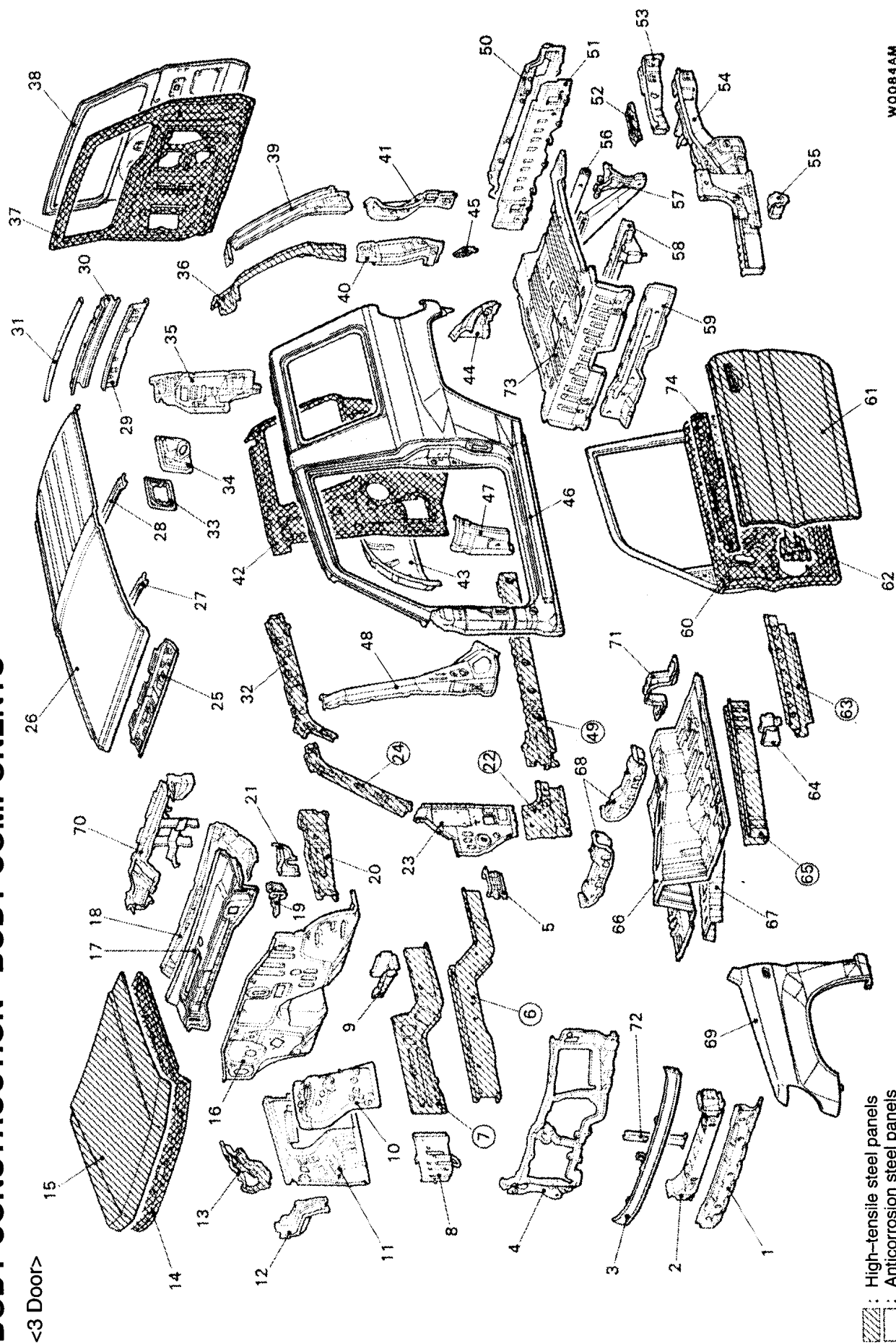

1 BODY CONSTRUCTION

BODY COMPONENTS	1-2
BODY MAIN CROSS-SECTIONAL VIEWS ..	1-4
MAINTENANCE, SERVICEABILITY	1-6
BODY CONSTRUCTION CHARACTERISTICS	1-8
FRONT BODY	1-8
UNDER BODY	1-14
SIDE BODY	1-11
ROOF	1-13
DOOR	1-17
SILINER APPLICATION LOCATIONS	1-18

BODY CONSTRUCTION— BODY COMPONENTS

<3 Door>



-  : High-tensile steel panels
-  : Anticorrosion steel panels
-  : High-anticorrosion steel panels

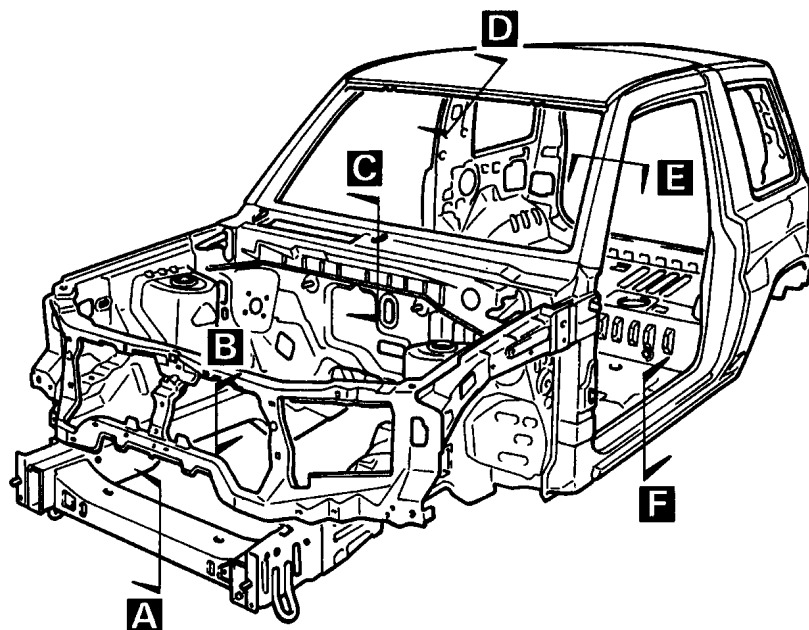
NOTE

- (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.

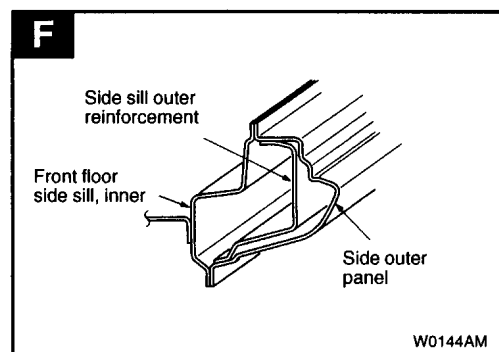
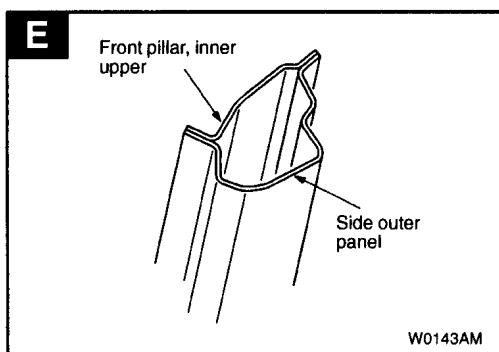
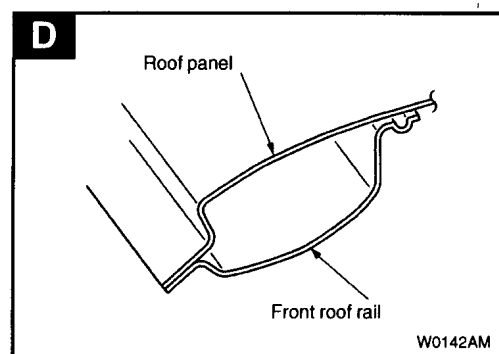
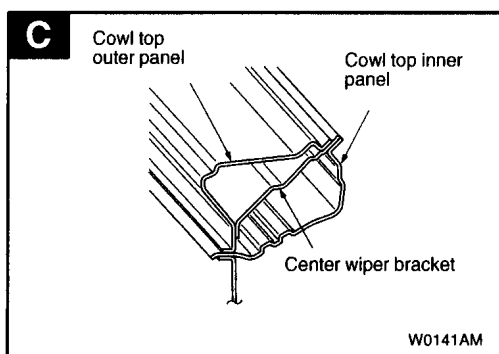
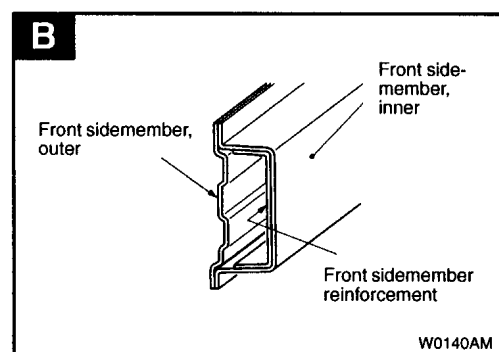
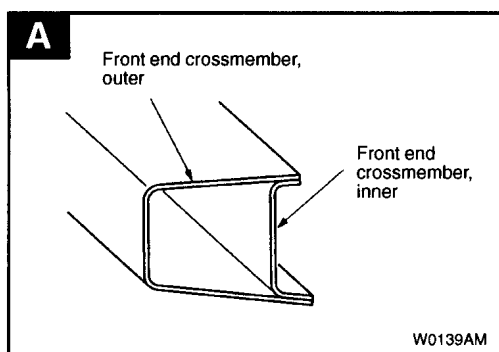
W0084AM

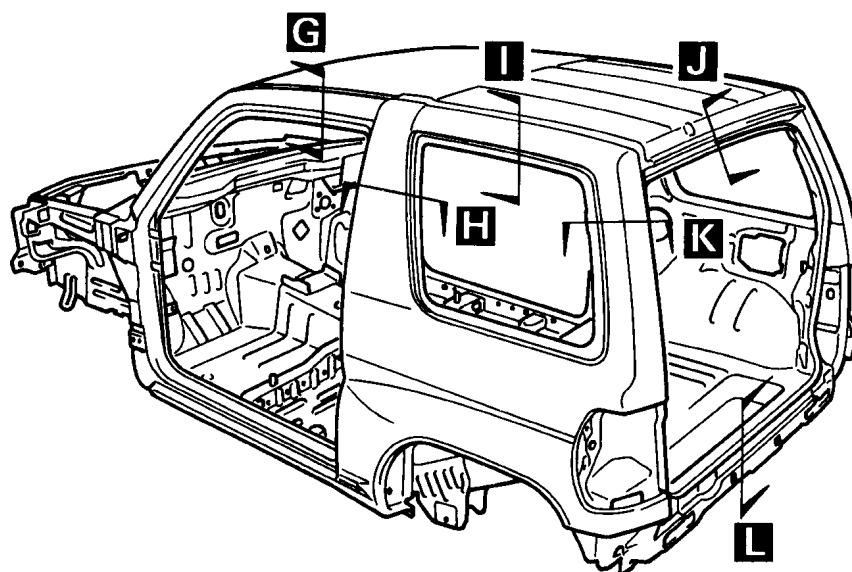
1. Front bumper beam
2. Front end crossmember
3. Grille filler panel
4. Headlamp support panel
5. Transmission support reinforcement
6. Front sidemember, inner
7. Front sidemember, outer
8. Shipping hook bracket
9. Front floor front brace
10. Strut house panel
11. Fender Shield
12. Fender Shield front 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

BODY MAIN CROSS-SECTIONAL VIEWS

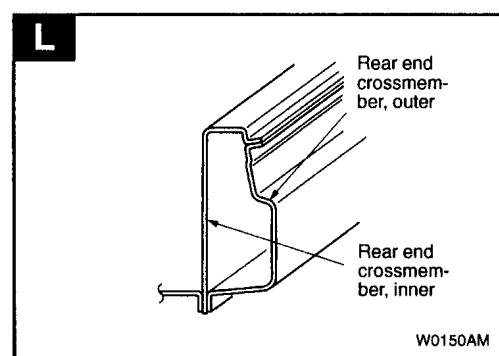
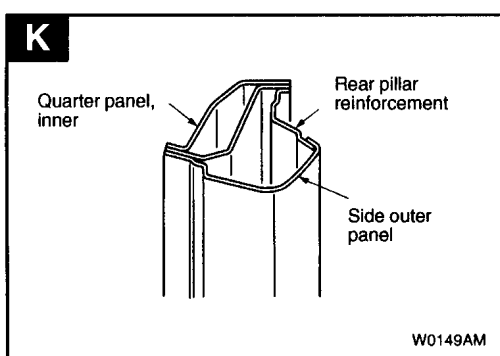
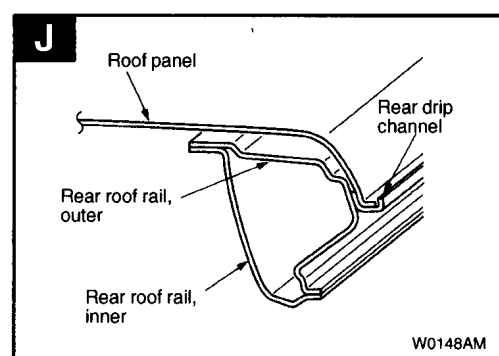
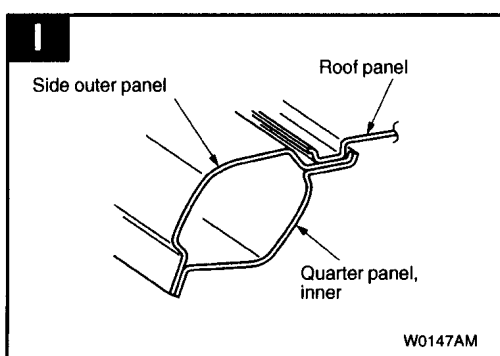
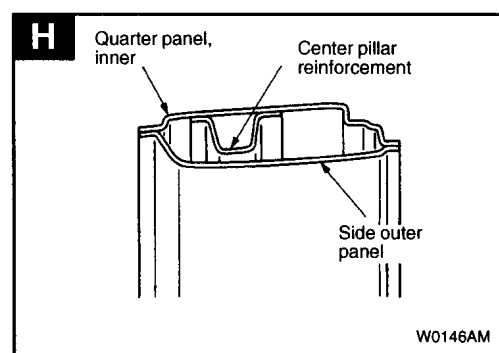
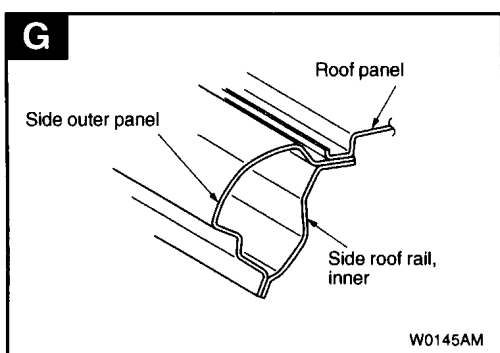


W0006AM





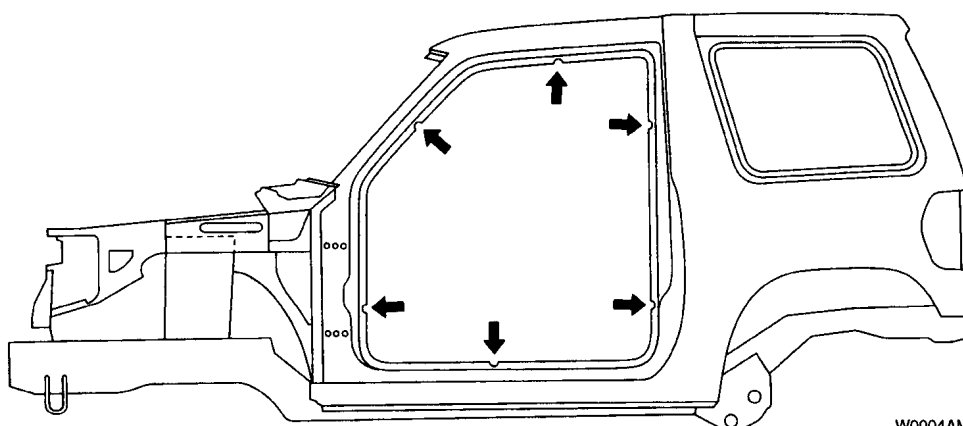
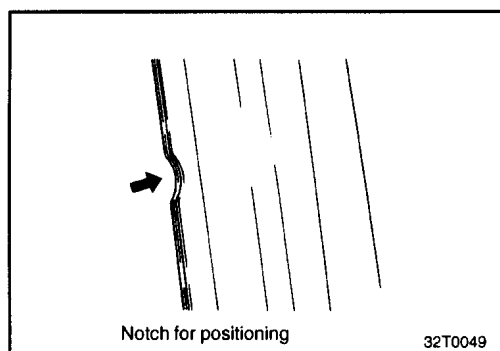
W0008AM



MAINTENANCE, SERVICEABILITY

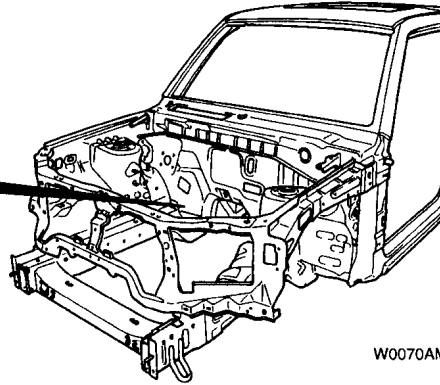
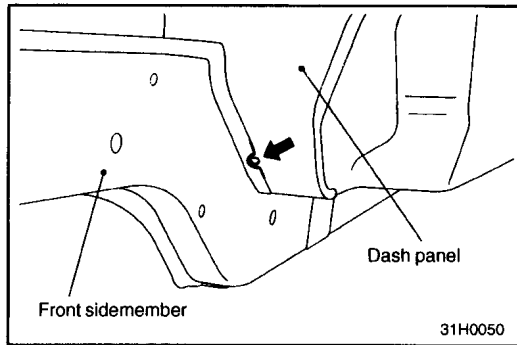
SIDE STRUCTURE

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



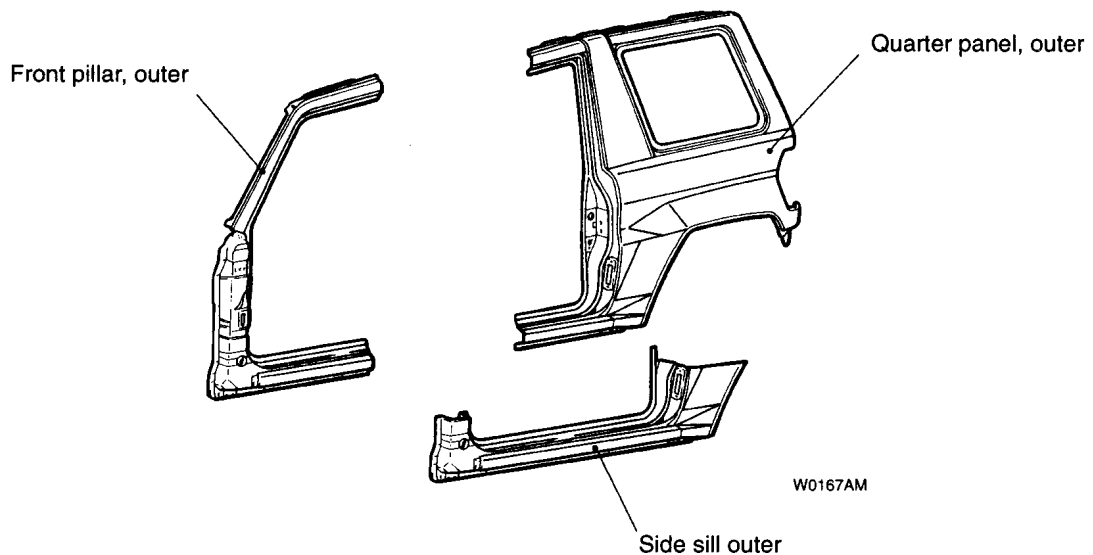
FENDER SHIELD

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 an side frame integrated side outer panel, the repair parts are supplied in the cut format shown below.

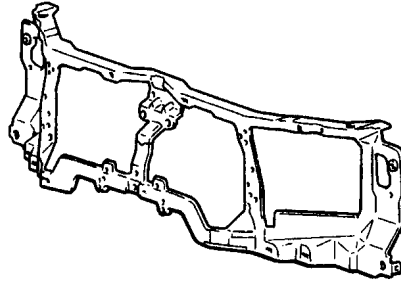


BODY CONSTRUCTION CHARACTERISTICS

FRONT BODY

HEADLAMP SUPPORT

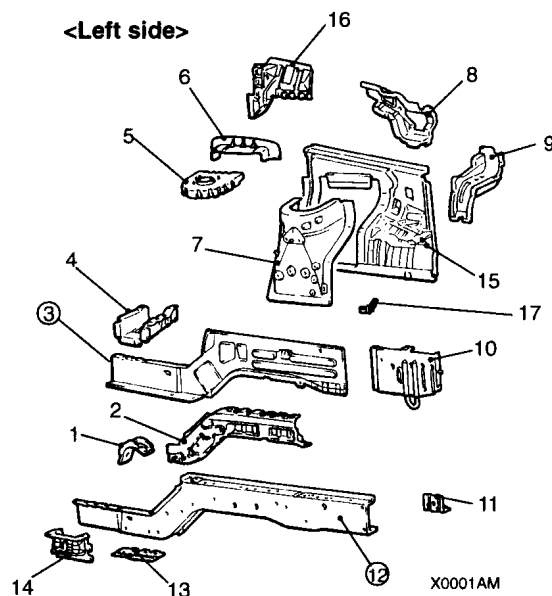
An integrated headlamp support had been used to improve the body precision and to lighten the weight.



W0160AM

FENDER SHIELD

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

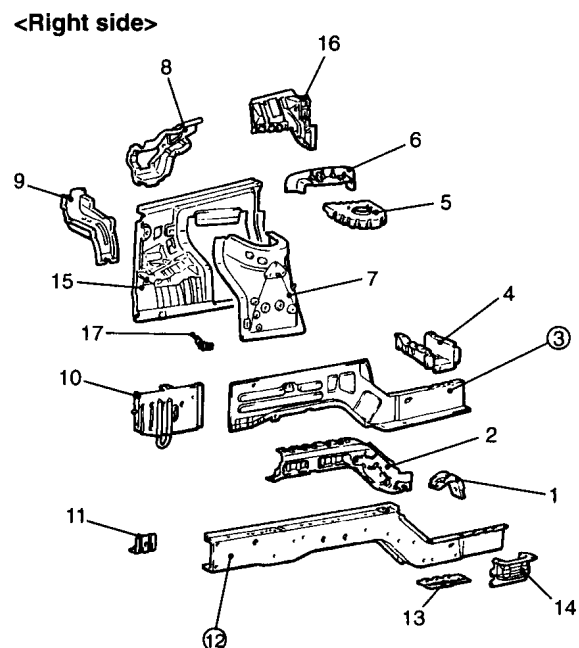


X0001AM

1. Front sidemember rear bulk head
2. Front sidemember reinforcement
3. Front sidemember, outer
4. Front floor front brace
5. Spring house bracket
6. Strut gusset
7. Strut house panel
8. Upper front frame
9. Fender shield front reinforcement
10. Shipping hook bracket
11. Strut bar bracket
12. Front sidemember, inner
13. Transmission support bulk head
14. Transmission support reinforcement
15. Fender shield
16. Strut reinforcement
17. Rely box bracket

NOTE

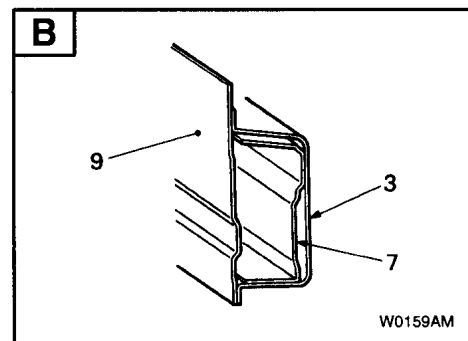
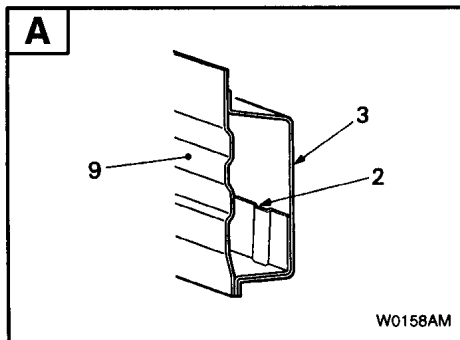
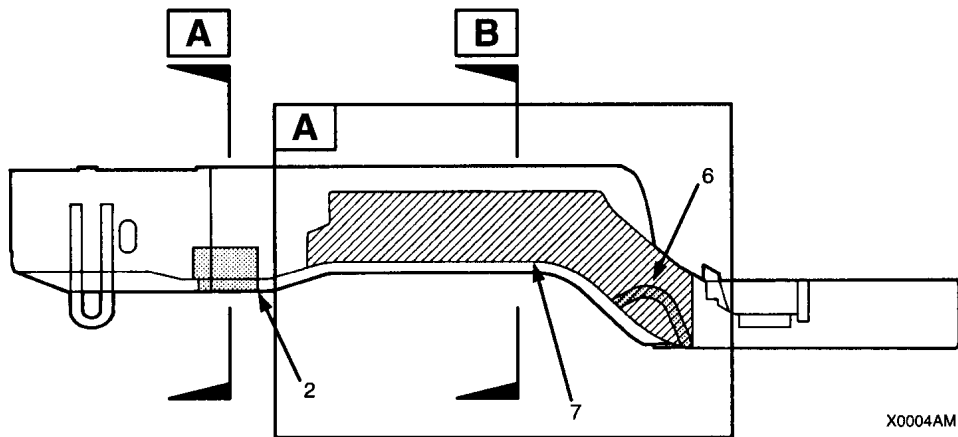
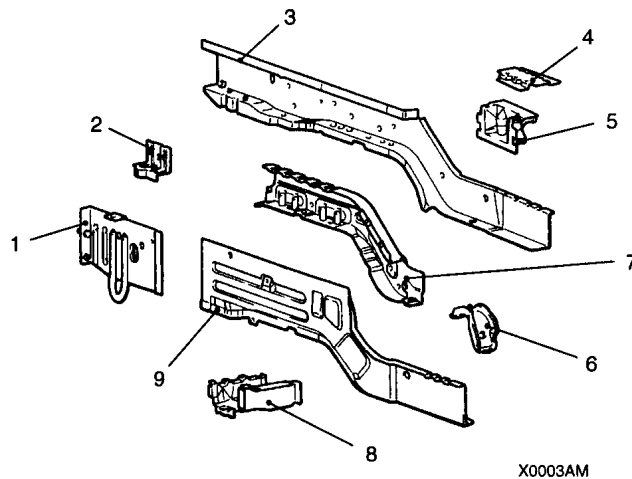
The circled numbers indicate the places where the high-residue austenite panels are used.



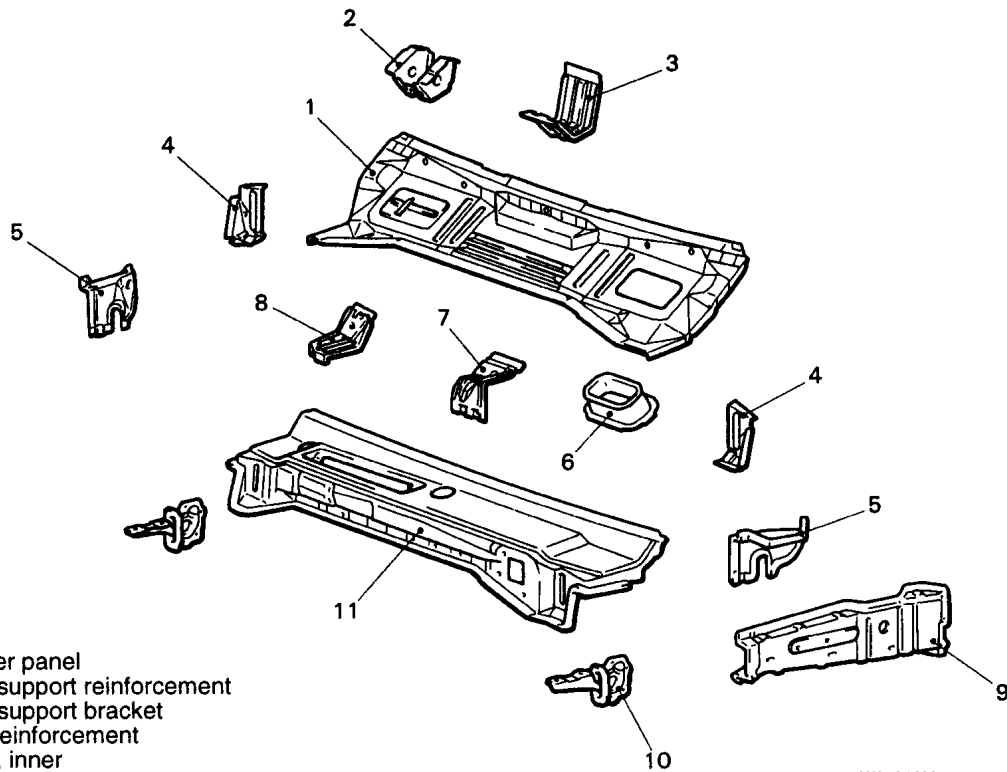
X0002AM

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 rear bulk head
7. Front sidemember reinforcement
8. Front floor front brace
9. Front sidemember, inner



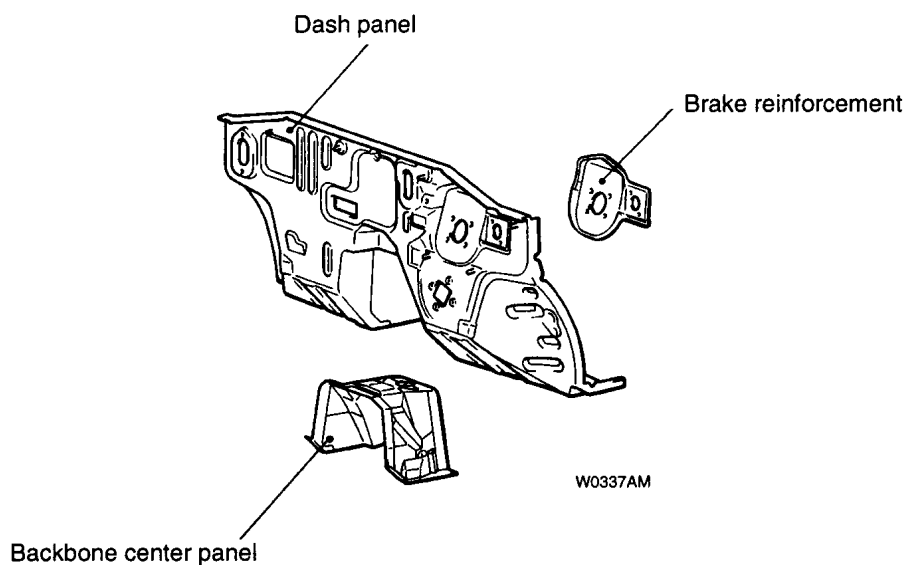
FRONT DECK



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 camber panel
7. Wiper bracket, center
8. Wiper bracket, side
9. Upper frame, outer
10. Hood hinge
11. Cowl top outer panel

W0164AM

DASH PANEL

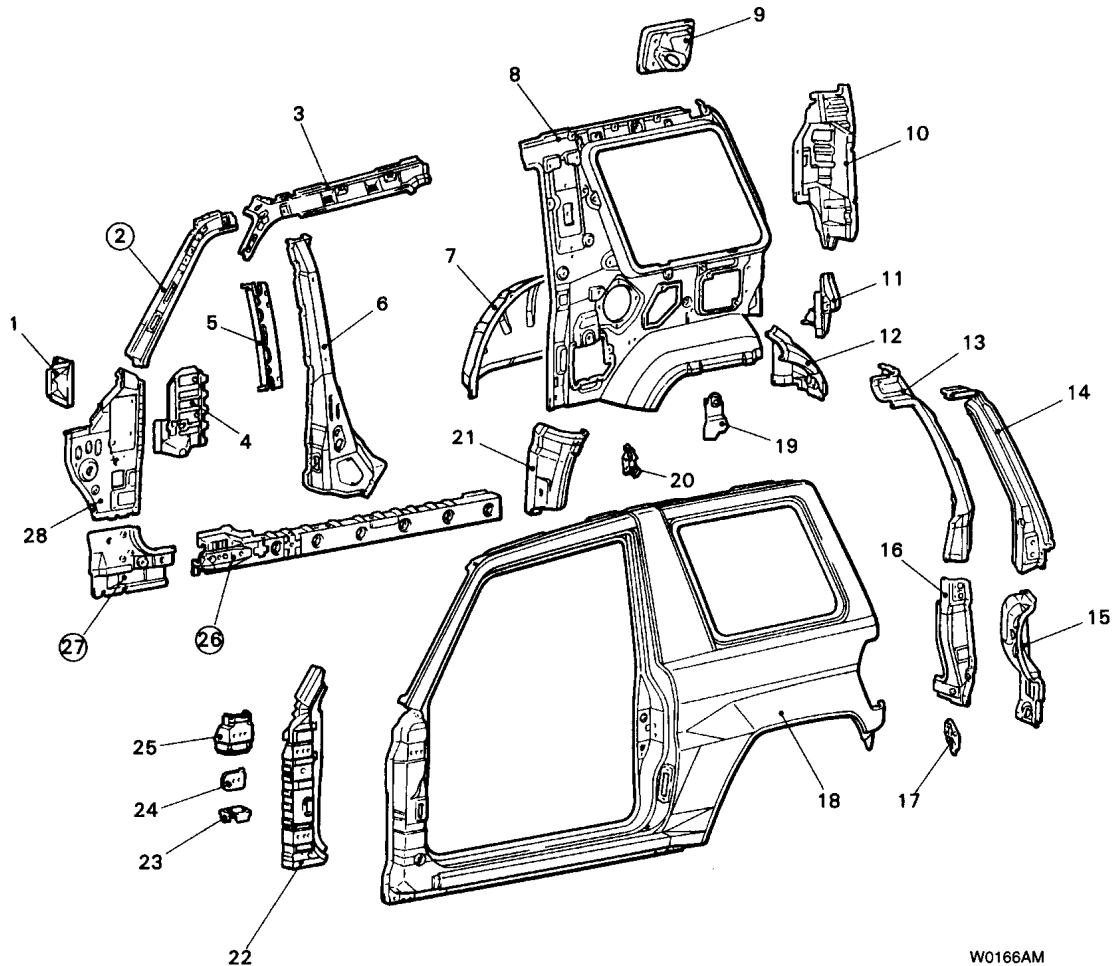


W0337AM

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.



W0166AM

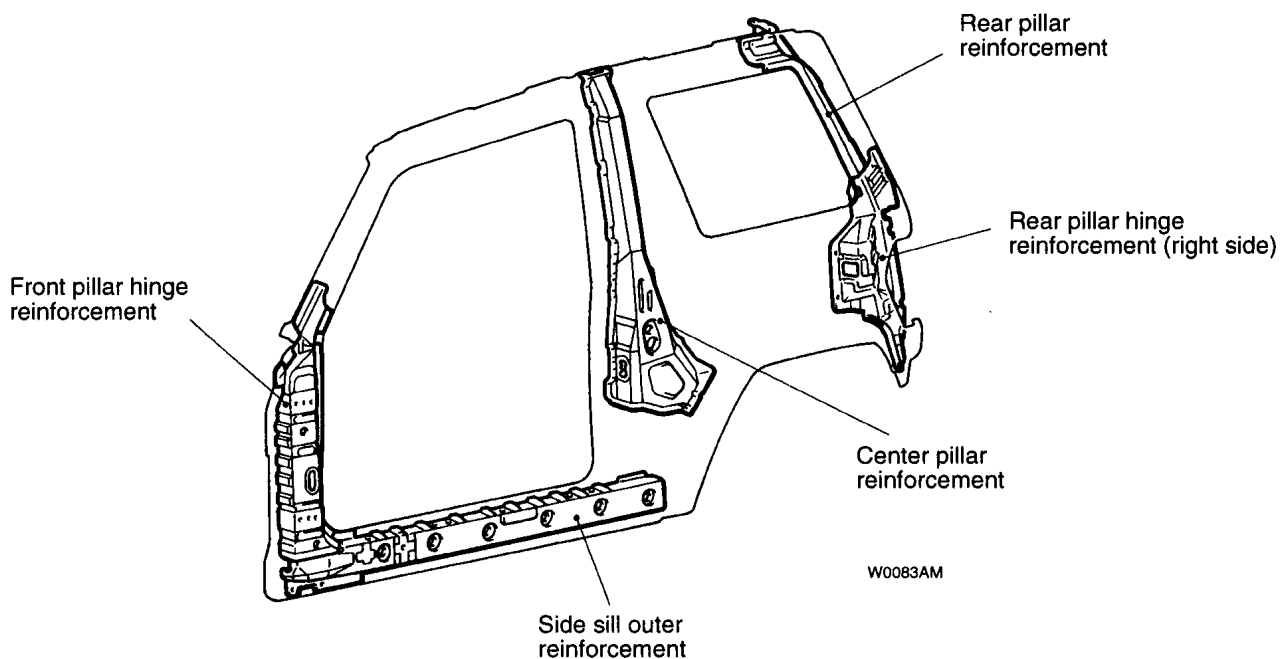
- | | |
|--|---|
| 1. Deck crossmember stay | 15. Rear lamp housing |
| 2. Front pillar, inner upper | 16. Quarter outer lower extension |
| 3. Side roof rail, inner | 17. Quarter corner panel |
| 4. Deck crossmember reinforcement | 18. Side outer panel |
| 5. Seat belt reinforcement, center | 19. Seat 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.

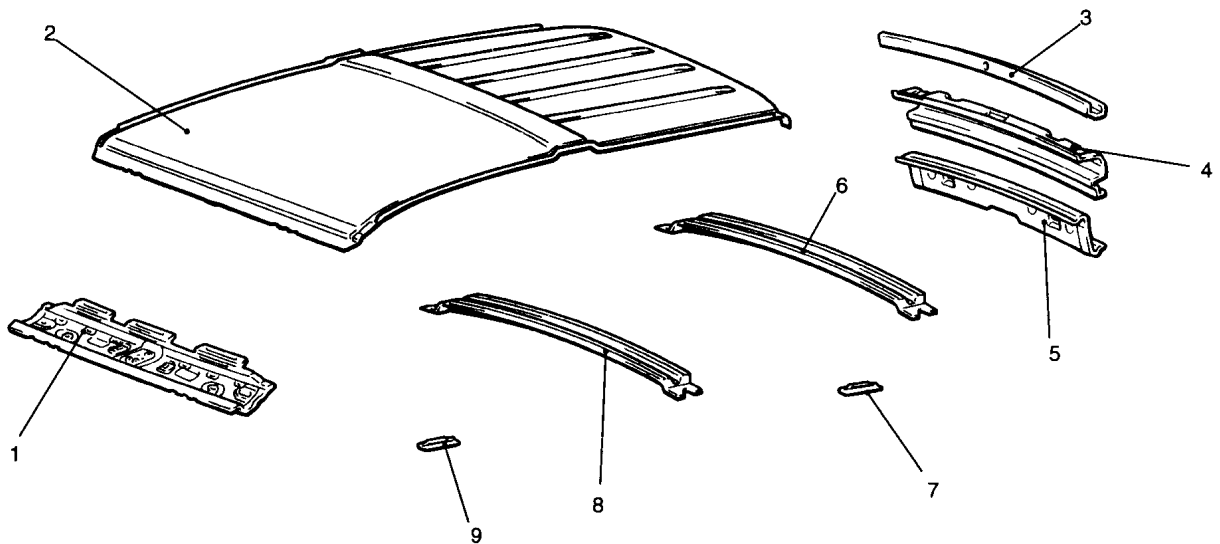
SIDE STRUCTURE REINFORCEMENTS

- (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 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.



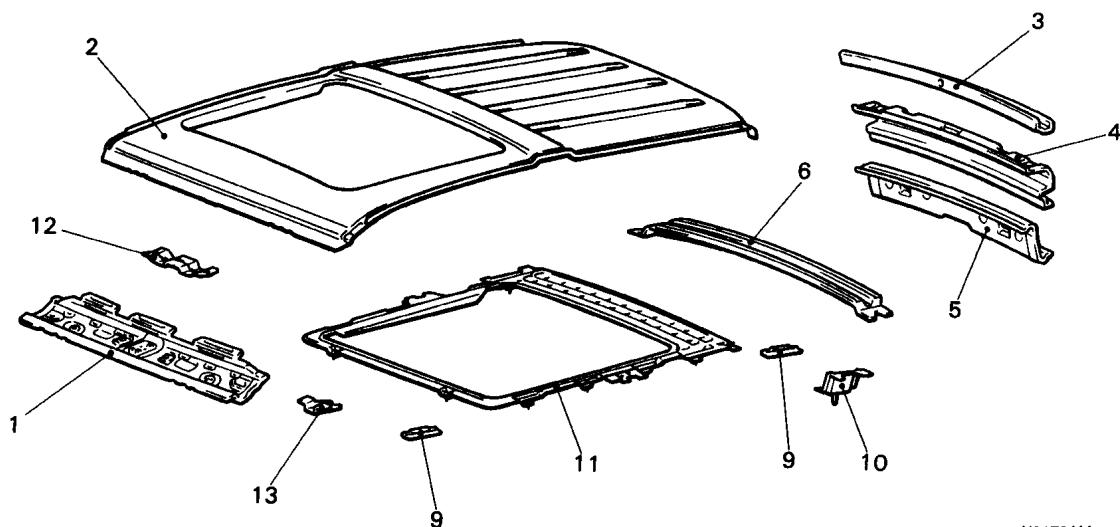
ROOF

Standard roof



X0005AM

Sunroof



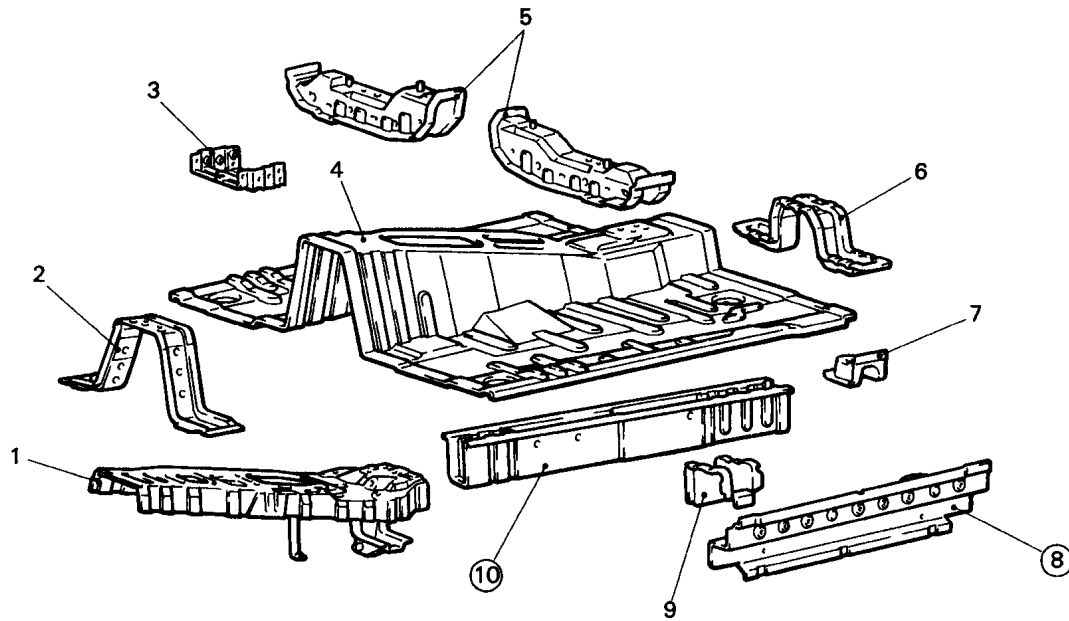
X0172AM

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. Roof rack bracket B

8. Front roof bow
9. Roof rack bracket A
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.



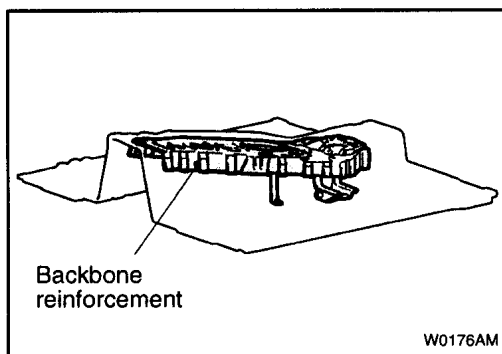
W0175AM

- 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

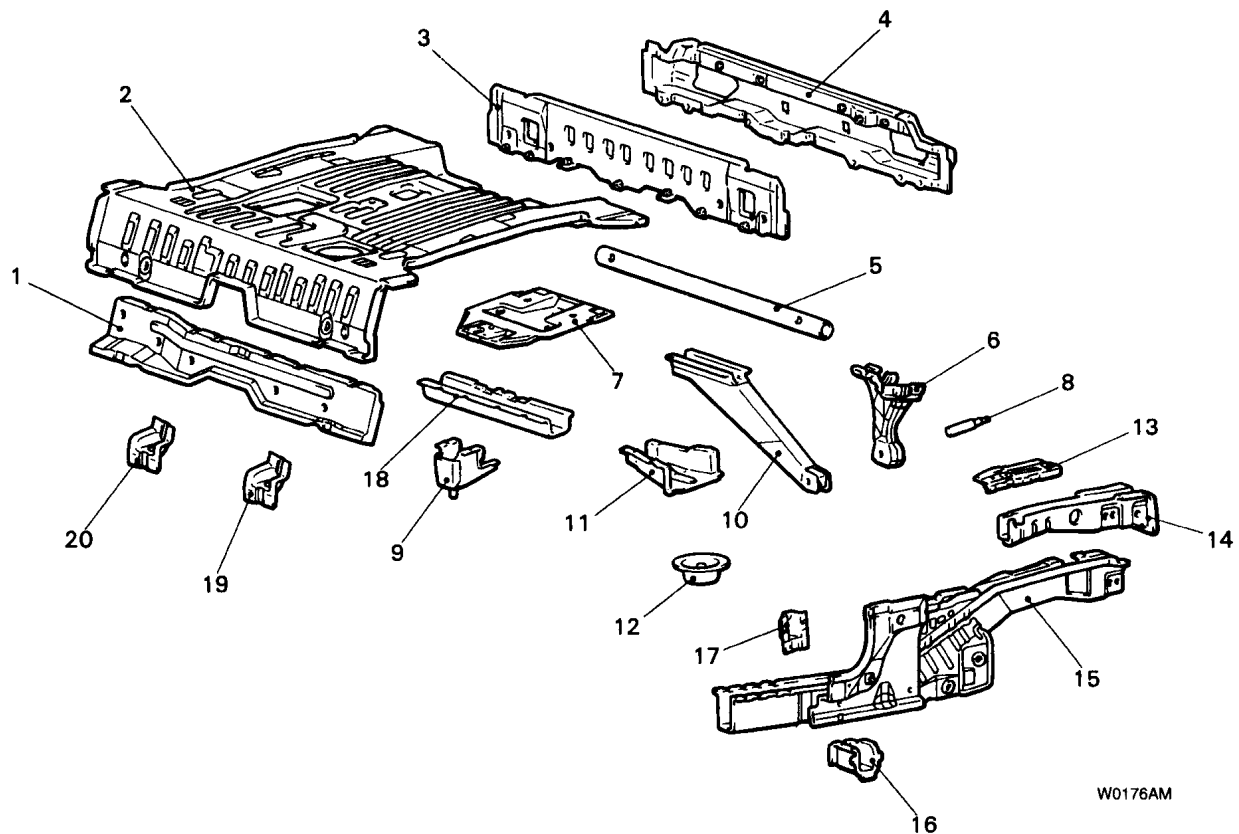
The circled numbers indicate the places where the high-residue austenite panels are used.



W0176AM

- (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

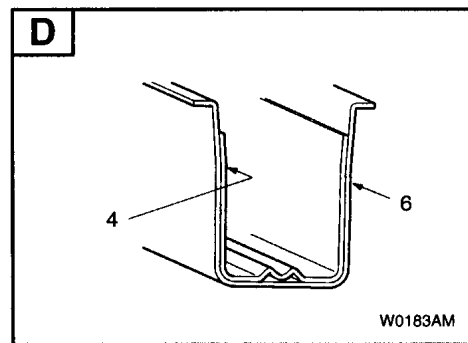
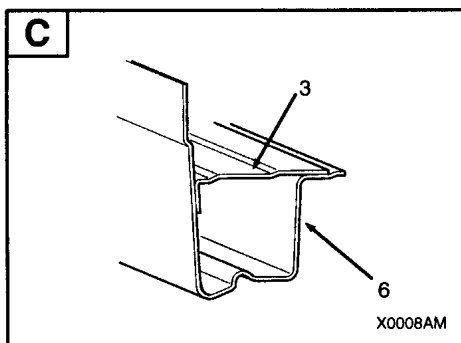
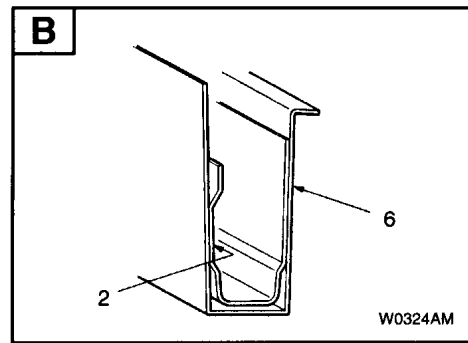
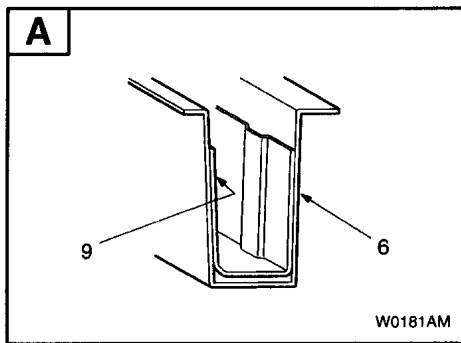
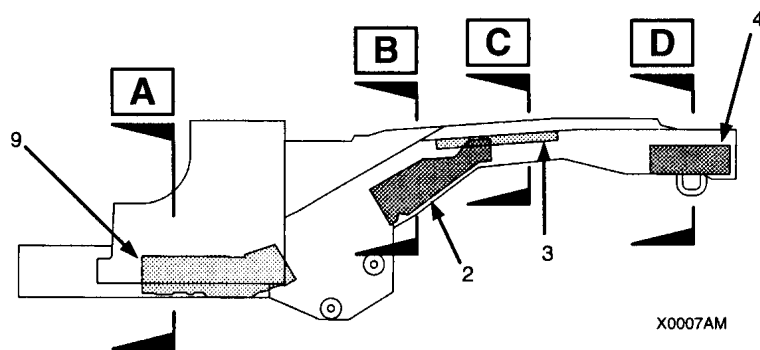
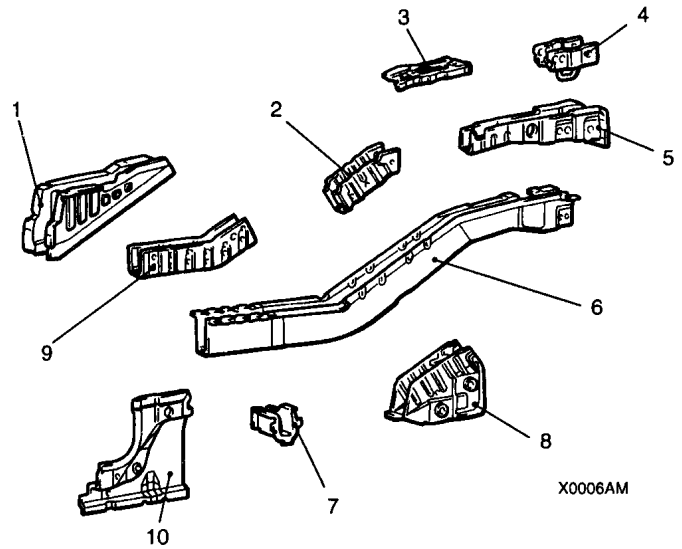


W0176AM

- | | |
|---|---|
| 1. Rear floor 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 |

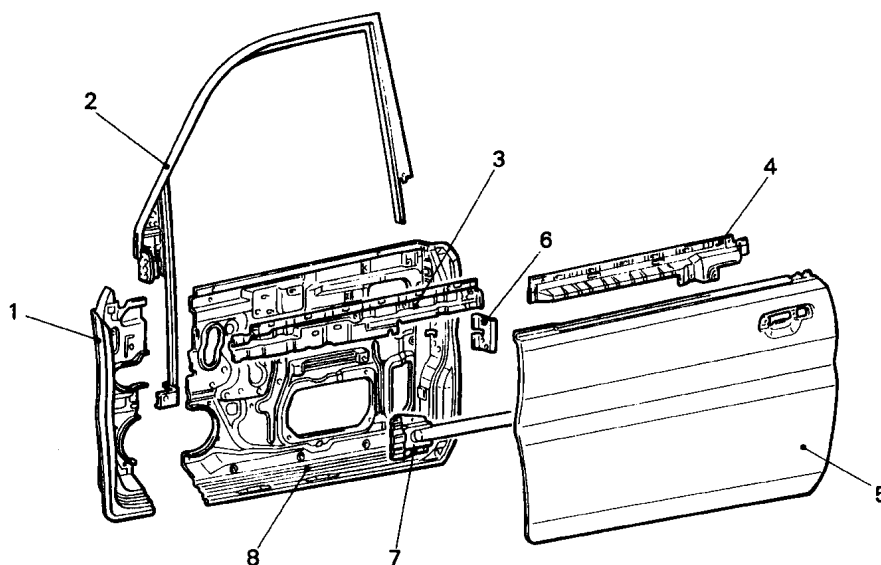
REAR FLOOR SIDEMEMBER REINFORCEMENT

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



DOOR

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

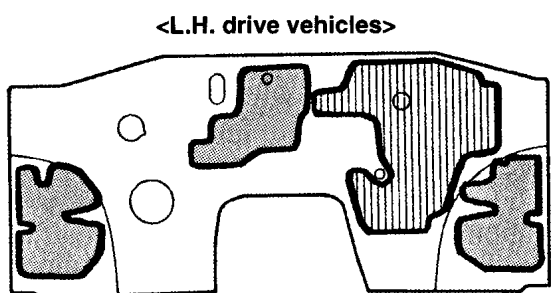


W0285AM

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

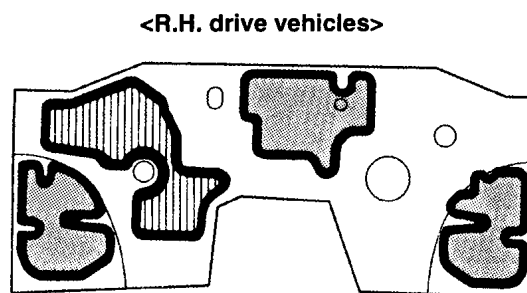
SILENCER APPLICATION LOCATIONS

Silencers (melting sheets) are applied to the dash panel and the floor surface to absorb vibration or to screen exhaust gas heat.



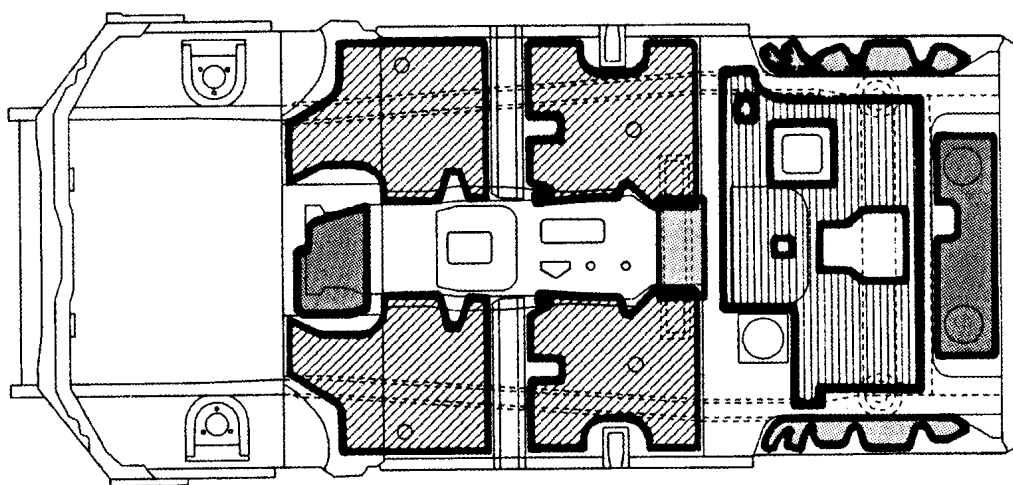
Passenger compartment
side of the dash panel

W0336AM



Passenger compartment
side of the dash panel

X0009AM



Top side of front floor pan

Top site of rear floor pan

X0010AM

-  : Thickness 1.6 mm
-  : Thickness (2 layered silencers of 1.6 mm)
-  : Thickness (3 layered silencers of 1.6 mm)
-  : Thickness (4 layered silencers of 1.6 mm)