

## 2. Datum Points

### A: LOCATION

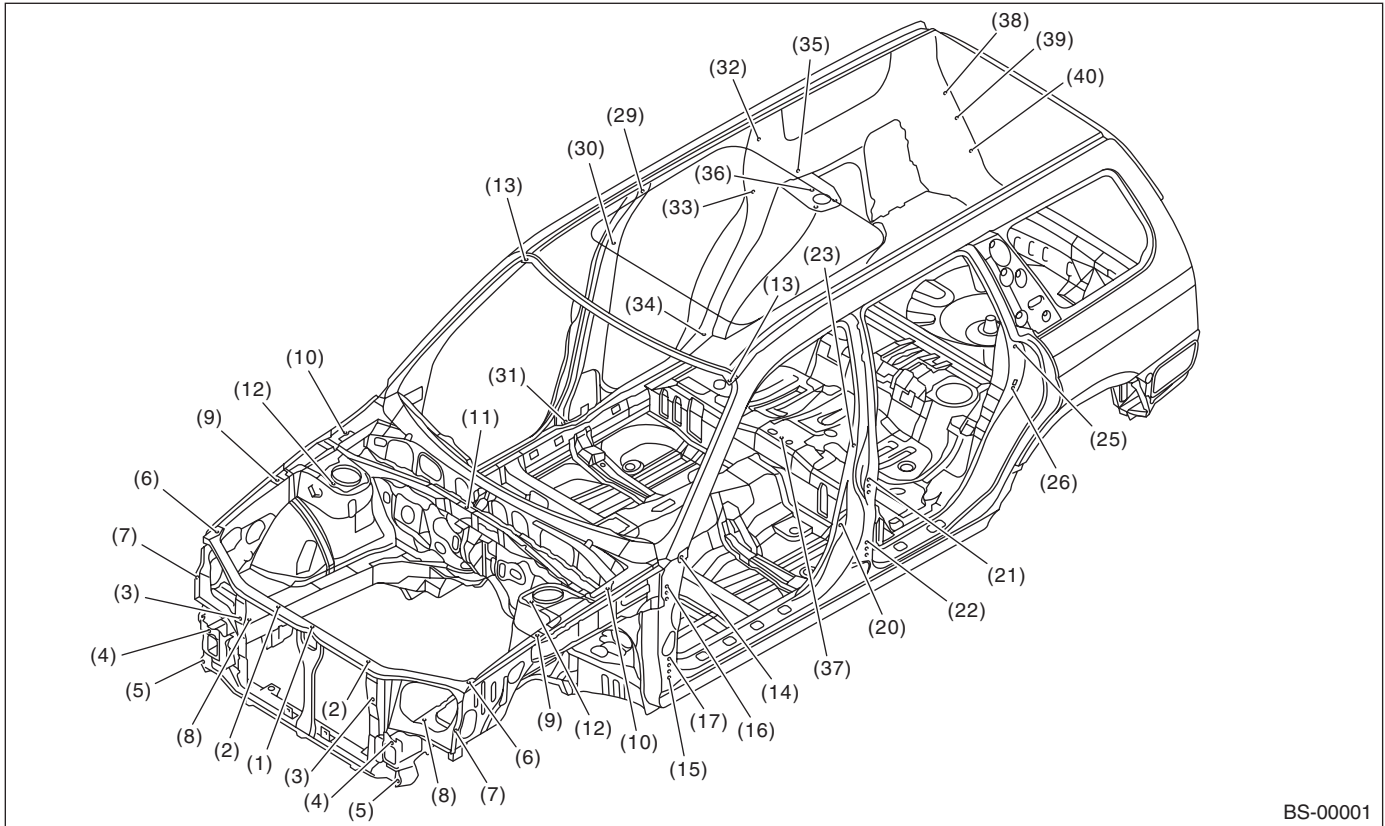
NOTE:

- Datum points are specified for body repair.
- Guide holes, locators, and indents are provided to facilitate panel replacement and to increase alignment accuracy.

# Datum Points

## BODY STRUCTURE

- Both right and left reference points are symmetrical.

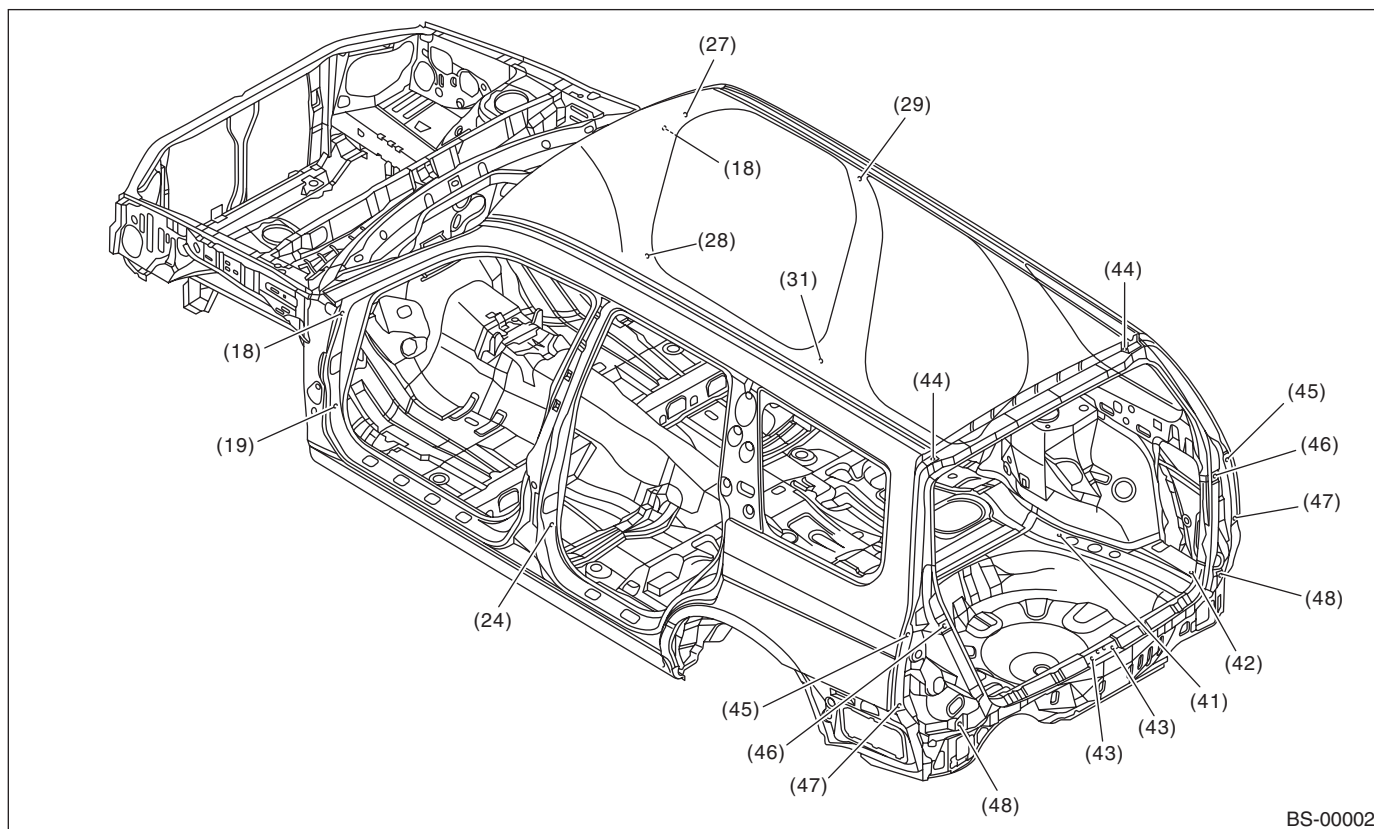


BS-00001

- |                                                                                                 |                                                                                                  |                                                                       |
|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| (1) Radiator panel gauge hole 6 mm (0.24 in) dia. (Vehicle center)                              | (13) Front glass attaching hole LH 6.5 × 10.5 mm (0.26 × 0.41 in) RH 6.5 × 7 mm (0.26 × 0.28 in) | (29) Trim attaching hole 8.5 mm (0.33 in) dia. (Symmetrical)          |
| (2) Radiator attaching hole 12 mm (0.47 in) dia.                                                | (14) Fender attaching hole 10 mm (0.39 in) dia. (Symmetrical)                                    | (30) Pad attaching hole 5 mm (0.20 in) dia. (Symmetrical)             |
| (3) Headlight attaching hole 7 mm (0.28 in) dia. (Symmetrical)                                  | (15) Fender attaching hole 10 mm (0.39 in) dia. (Symmetrical)                                    | (31) Harness attaching hole 7 mm (0.28 in) dia. (Symmetrical)         |
| (4) Frame plate gauge hole 8 mm (0.31 in) dia. (Symmetrical)                                    | (16) Front door hinge attaching hole 12 mm (0.47 in) dia. (Symmetrical)                          | (32) Trim attaching hole 8.5 mm (0.33 in) dia. (Symmetrical)          |
| (5) Bumper beam attaching hole 11 mm (0.43 in) dia. (Symmetrical)                               | (17) Front door hinge attaching hole 12 mm (0.47 in) dia. (Symmetrical)                          | (33) Trim attaching hole 7 mm (0.28 in) dia. (Symmetrical)            |
| (6) Fender attaching hole 7 mm (0.28 in) dia. (Symmetrical)                                     | (20) Front door switch attaching hole 4.1 mm (0.16 in) dia. (Symmetrical)                        | (34) Harness attaching hole 7 × 7 mm (0.28 × 0.28 in) (Symmetrical)   |
| (7) Fender attaching hole 7 mm (0.28 in) dia. (Symmetrical)                                     | (21) Rear door hinge attaching hole 12 mm (0.47 in) dia. (Symmetrical)                           | (35) Tonneau cover attaching hole 5.5 mm (0.22 in) dia. (Symmetrical) |
| (8) RH power steering tank attaching hole LH ATF cooler pipe attaching hole 9 mm (0.35 in) dia. | (22) Rear door hinge attaching hole 12 mm (0.47 in) dia. (Symmetrical)                           | (36) Rear strut attaching hole 10 mm (0.39 in) dia. (Symmetrical)     |
| (9) Fender attaching hole 7 mm (0.28 in) dia. (Symmetrical)                                     | (23) Front weather strip attaching hole 5.2 mm (0.20 in) dia. (Symmetrical)                      | (37) Floor mat attaching hole 8 mm (0.31 in) dia. (Symmetrical)       |
| (10) Fender attaching hole 7 mm (0.28 in) dia. (Symmetrical)                                    | (25) Rear weather strip attaching hole 5.2 mm (0.20 in) dia. (Symmetrical)                       | (38) Trim attaching hole 9 × 9 mm (0.35 × 0.35 in) (Symmetrical)      |
| (11) Modular bracket gauge hole 8 mm (0.31 in) dia. (Vehicle center)                            | (26) Rear door switch attaching hole 4.1 mm (0.16 in) dia. (Symmetrical)                         | (39) Trim attaching hole 8 mm (0.31 in) dia. (Symmetrical)            |
| (12) Front strut attaching hole 9.5 mm (0.37 in) dia. (Symmetrical)                             |                                                                                                  | (40) Trim attaching hole 8 mm (0.31 in) dia. (Symmetrical)            |

# Datum Points

## BODY STRUCTURE

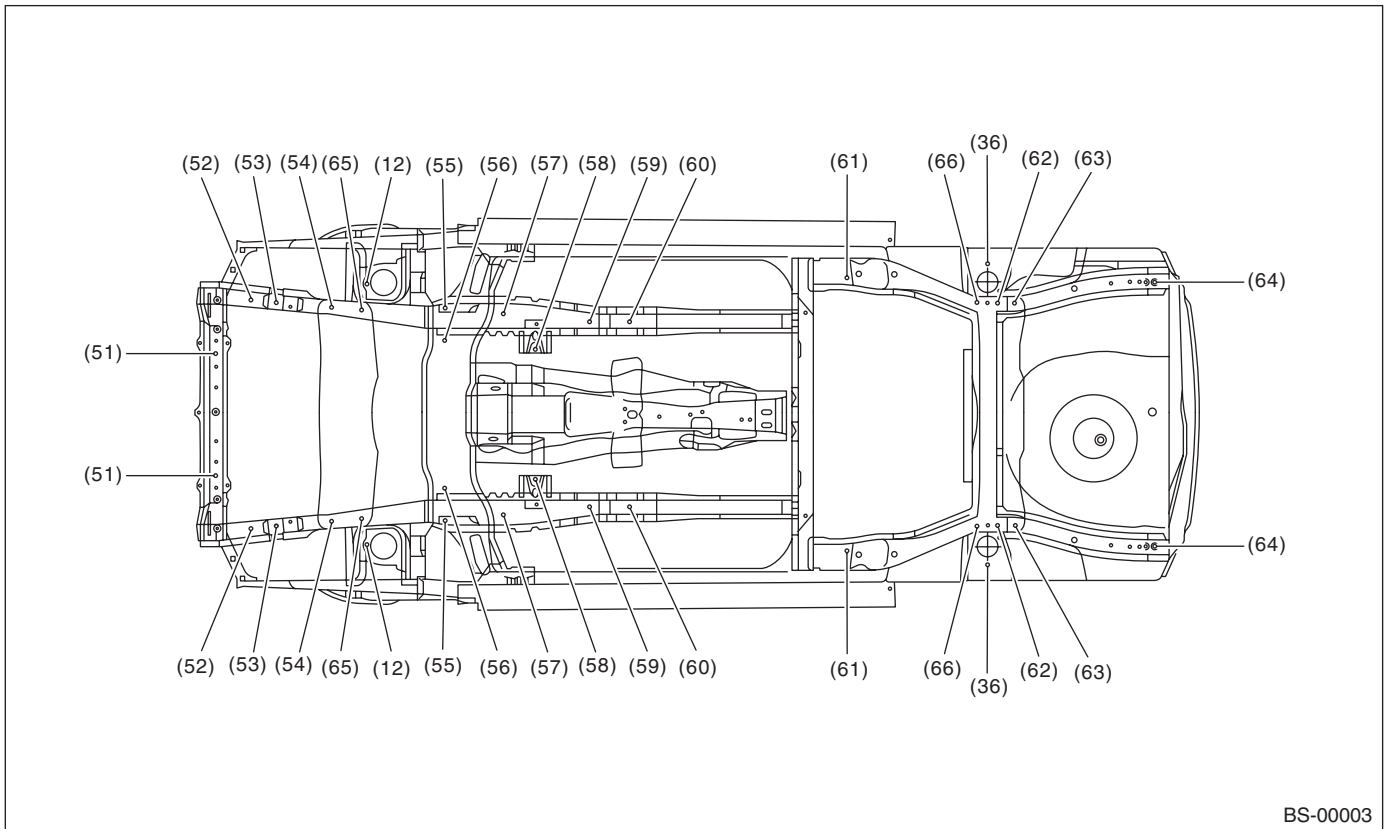


BS-00002

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|-----------------------------------------------------------------------------|--------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| (18) Front weather strip attaching hole 5.2 mm (0.20 in) dia. (Symmetrical) | (31) Harness attaching hole 7 mm (0.28 in) dia. (Symmetrical)            | (45) Combination light mounting hole 9.5 mm (0.37 in) dia. (Symmetrical)      |
| (19) Trim attaching hole 7 mm (0.28 in) dia. (Symmetrical)                  | (41) Harness attaching hole 7.5 mm (0.30 in) dia.                        | (46) Combination light mounting hole 7 mm (0.28 in) dia. (Symmetrical)        |
| (24) Trim attaching hole 7 mm (0.28 in) dia. (Symmetrical)                  | (42) Assemblies hole 12 mm (0.47 in) dia.                                | (47) Combination light mounting hole 8 × 15 mm (0.31 × 0.59 in) (Symmetrical) |
| (27) Front pillar gauge hole 12 mm (0.47 in) dia. (Symmetrical)             | (43) Striker gauge hole 5 mm (0.20 in) dia. (Symmetrical)                | (48) Bumper bracket attaching hole 7 mm (0.28 in) dia. (Symmetrical)          |
| (28) Insulator attaching hole 8 mm (0.31 in) dia. (Symmetrical)             | (44) Harness attaching hole 7 × 7 mm (0.28 × 0.28 in) dia. (Symmetrical) |                                                                               |
| (29) Trim attaching hole 8.5 mm (0.33 in) dia. (Symmetrical)                |                                                                          |                                                                               |

# Datum Points

## BODY STRUCTURE

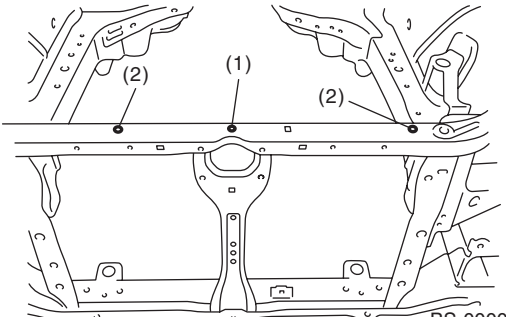
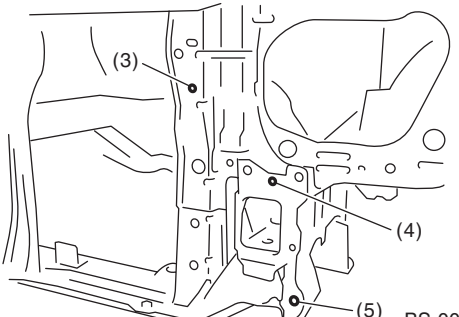
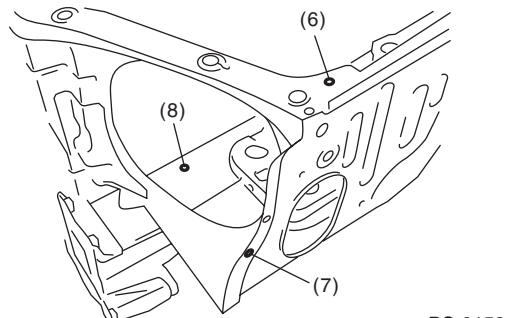
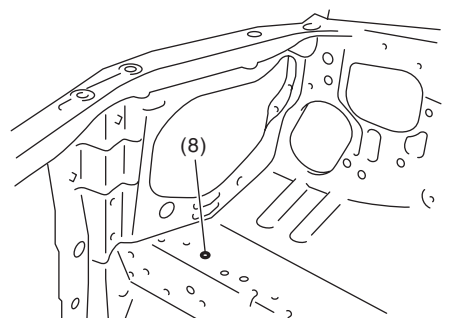
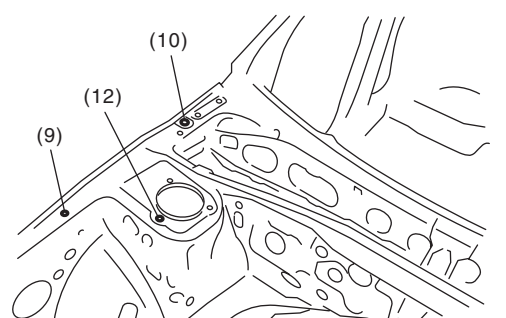
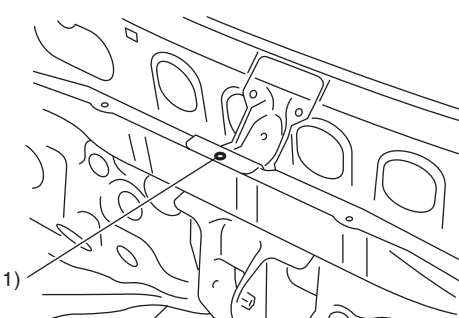
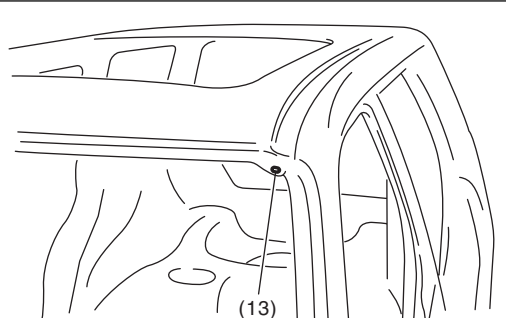
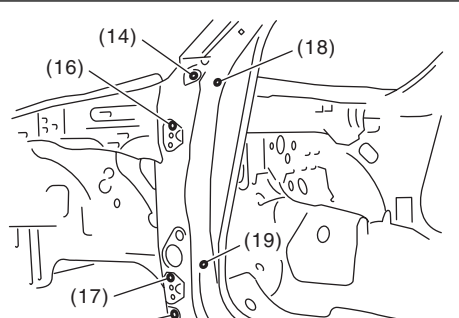
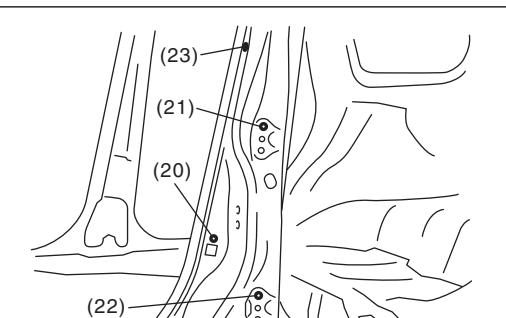
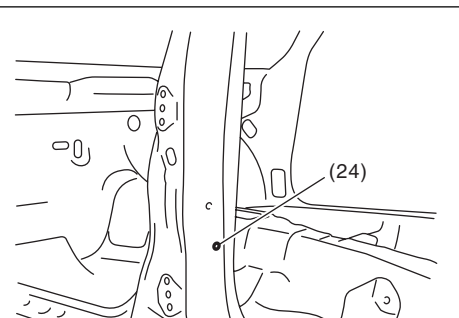


BS-00003

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|----------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| (12) Front strut attaching hole 9.5 mm (0.37 in) dia. (Symmetrical)        | (56) Transverse link attaching hole 16 mm (0.63 in) dia. (Symmetrical)          | (63) Rear crossmember attaching hole 12 mm (0.47 in) dia. (Symmetrical)                     |
| (36) Rear strut attaching hole 10 mm (0.39 in) dia. (Symmetrical)          | (57) Subframe attaching hole 16 mm (0.63 in) dia. (Symmetrical)                 | (64) Rear bumper beam attaching hole RH 15 mm (0.57 in) LH 19 × 15 mm (0.75 × 0.59 in) dia. |
| (51) Radiator lower frame gauge hole 12 mm (0.47 in) dia. (Symmetrical)    | (58) Transmission crossmember attaching hole 14 mm (0.55 in) dia. (Symmetrical) | (65) Front crossmember attaching hole 12.4 mm (0.49 in) dia. (Symmetrical)                  |
| (52) Side frame gauge hole 20 mm (0.79 in) dia. (Symmetrical)              | (59) Rear side frame gauge hole 15 mm (0.59 in) dia. (Symmetrical)              | (66) Rear crossmember attaching hole 16 mm (0.63 in) dia. (Symmetrical)                     |
| (53) Subframe attaching hole 16 mm (0.63 in) dia. (Symmetrical)            | (60) Rear side frame gauge hole 18 mm (0.71 in) dia. (Symmetrical)              |                                                                                             |
| (54) Front crossmember attaching hole 12.4 mm (0.49 in) dia. (Symmetrical) | (61) Rear differential attaching hole 16 mm (0.63 in) dia. (Symmetrical)        |                                                                                             |
| (55) Transverse link attaching hole 17 mm (0.69 in) dia. (Symmetrical)     | (62) Rear crossmember gauge hole 16 mm (0.63 in) dia. (Symmetrical)             |                                                                                             |

# Datum Points

## BODY STRUCTURE

 <p>Diagram showing datum points (1) and (2) on the front cross-member.</p>	 <p>Diagram showing datum points (3), (4), and (5) on the front quarter panel.</p>
 <p>Diagram showing datum points (6), (7), and (8) on the front suspension assembly.</p>	 <p>Diagram showing datum point (8) on the front quarter panel.</p>
 <p>Diagram showing datum points (9), (10), and (12) on the front suspension assembly.</p>	 <p>Diagram showing datum point (11) on the front quarter panel.</p>
 <p>Diagram showing datum point (13) on the front suspension assembly.</p>	 <p>Diagram showing datum points (14), (15), (16), (17), (18), and (19) on the front quarter panel.</p>
 <p>Diagram showing datum points (20), (21), and (22) on the front suspension assembly.</p>	 <p>Diagram showing datum point (24) on the front quarter panel.</p>

# Datum Points

## BODY STRUCTURE

A technical line drawing of a car's front left quarter body structure. Two datum points are marked with black dots and labeled (25) and (26). Datum (25) is located on the upper part of the front fender, and datum (26) is on the lower part of the front fender. <p>BS-00016</p>	A technical line drawing of a car's front right quarter body structure. Two datum points are marked with black dots and labeled (27) and (28). Datum (27) is located on the upper part of the front fender, and datum (28) is on the lower part of the front fender. <p>BS-00017</p>
A technical line drawing of a car's front center body structure, showing the hood and front cross-member area. Two datum points are marked with black dots and labeled (29) and (30). Datum (29) is on the upper part of the hood, and datum (30) is on the lower part of the front cross-member. <p>BS-00018</p>	A technical line drawing of a car's front right quarter body structure, showing the front fender and front cross-member area. Two datum points are marked with black dots and labeled (31) and (34). Datum (31) is on the lower part of the front cross-member, and datum (34) is on the upper part of the front fender. <p>BS-00019</p>
A technical line drawing of a car's front center body structure, showing the hood and front cross-member area. Four datum points are marked with black dots and labeled (32), (33), (35), and (36). Datum (32) is on the upper part of the hood, datum (33) is on the lower part of the front cross-member, datum (35) is on the upper part of the front cross-member, and datum (36) is on the lower part of the front cross-member. <p>BS-00020</p>	A technical line drawing of a car's front right quarter body structure, showing the front fender and front cross-member area. One datum point is marked with a black dot and labeled (37). Datum (37) is located on the upper part of the front fender. <p>BS-00021</p>
A technical line drawing of a car's front center body structure, showing the hood and front cross-member area. Three datum points are marked with black dots and labeled (38), (39), and (40). Datum (38) is on the upper part of the hood, datum (39) is on the upper part of the front cross-member, and datum (40) is on the lower part of the front cross-member. <p>BS-00022</p>	A technical line drawing of a car's front right quarter body structure, showing the front fender and front cross-member area. Two datum points are marked with black dots and labeled (41) and (42). Datum (41) is on the lower part of the front cross-member, and datum (42) is on the upper part of the front fender. <p>BS-00023</p>
A technical line drawing of a car's front center body structure, showing the hood and front cross-member area. One datum point is marked with a black dot and labeled (43). Datum (43) is located on the upper part of the front cross-member. <p>BS-00024</p>	A technical line drawing of a car's front right quarter body structure, showing the front fender and front cross-member area. One datum point is marked with a black dot and labeled (44). Datum (44) is located on the upper part of the front fender. <p>BS-00025</p>

# Datum Points

## BODY STRUCTURE

