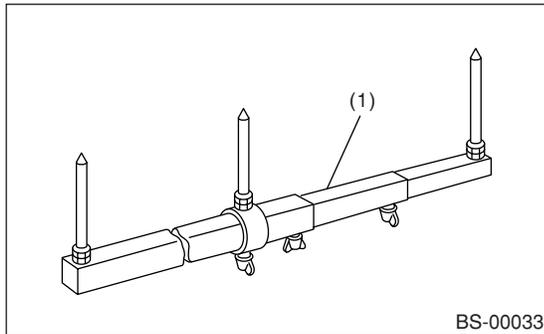


## 2. Datum Dimensions

### A: MEASUREMENT

**NOTE:**

- Using a tram tracking gauge, measure all the dimensions.
- When using a tape measure, carefully measure dimensions without letting the tape measure sag or twist.
- Measure the linear dimensions between cores of holes.
- Suffixes “RH” and “LH” indicate right-hand and left-hand.



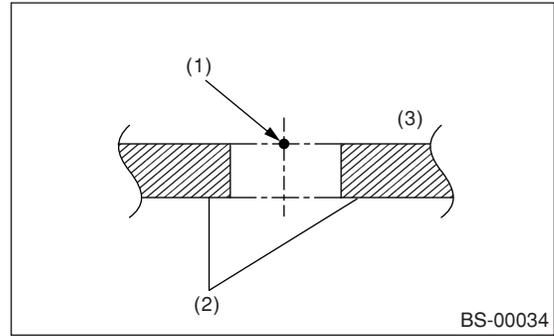
(1) Tram tracking gauge

### 1. CENTER STRUCTURE

**NOTE:**

- The longitudinal dimensions are projected dimensions.
- The height dimensions are the vertical distances from the gauge point on the assumed horizontal line through the side sill flange joint (bending angle point).
- Diagonal dimensions are the actual dimensions between reference points. The values in brackets are projected dimensions for reference.

- Measure at the center of the circle around the outside of the body panel.

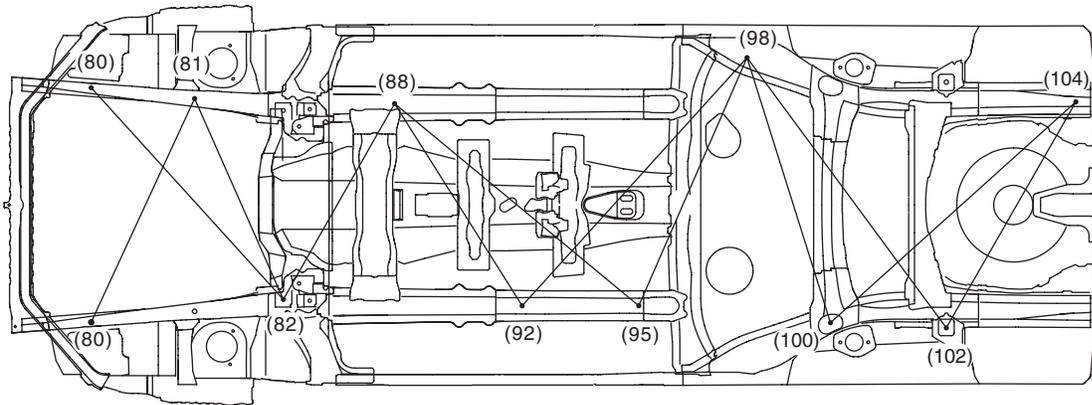
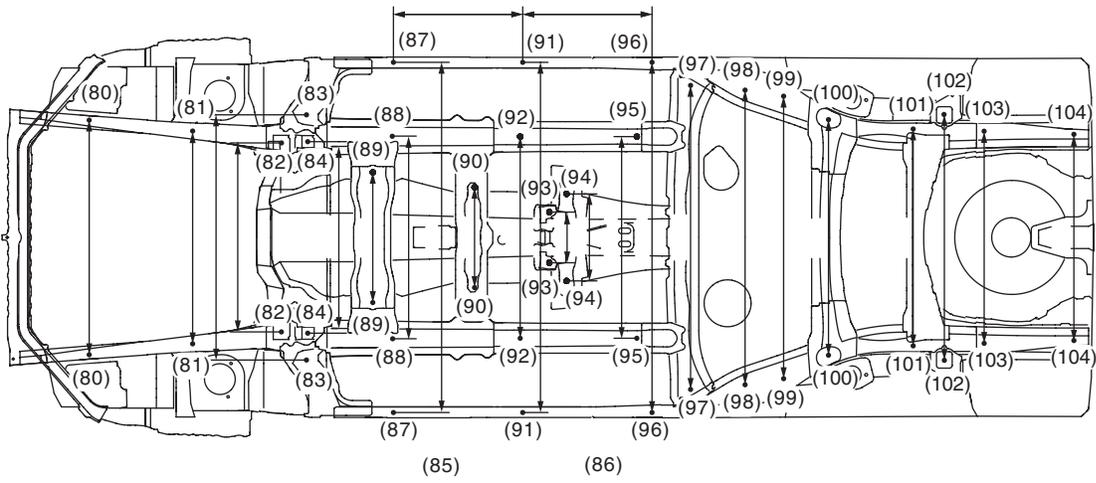
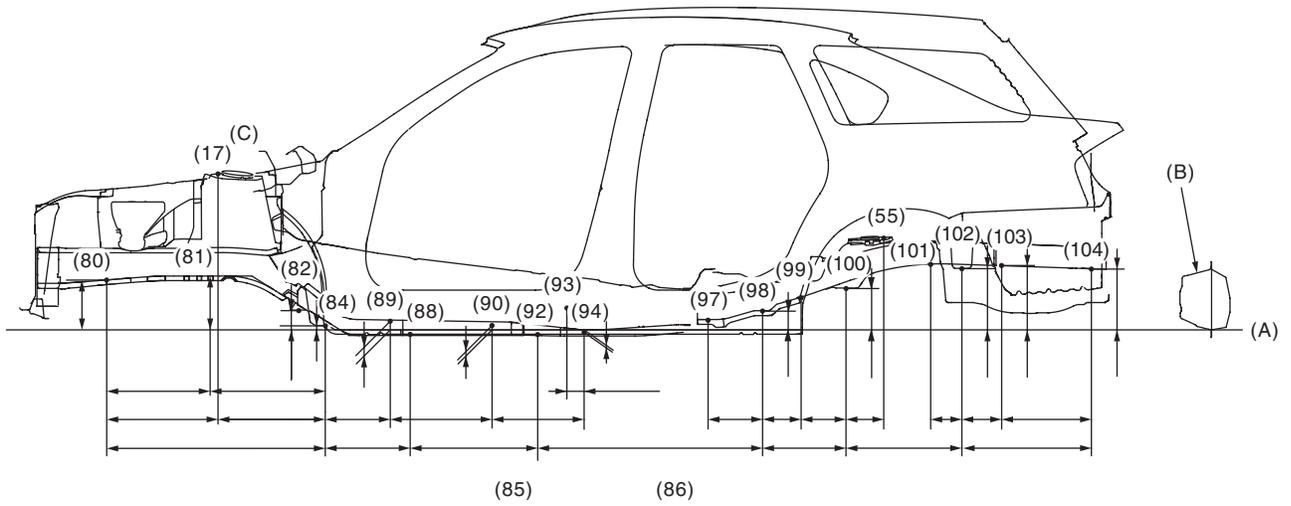


- (1) Datum point
- (2) Body panel
- (3) Outside

# Datum Dimensions

## BODY STRUCTURE

Unit: mm



BS-01411

# Datum Dimensions

BODY STRUCTURE

- |  |   |   |
|--|---|---|
| (A) Standard line  | (B) Side sill   | (C) Upper face  |
| (80) Gauge hole (symmetrical)  | (89) Transmission crossmember mounting hole (symmetrical) | (98) Trailing arm mounting hole (symmetrical)                 |
| (81) Front crossmember mounting hole (symmetrical), Lower surface rear | (90) Gauge hole (symmetrical)                             | (99) Trailing arm mounting hole (symmetrical)                 |
| (82) Strut mount mounting hole (symmetrical)                           | (91) Under cover mounting hole (symmetrical)              | (100) Rear suspension crossmember mounting hole (symmetrical) |
| (83) Strut mount mounting hole (symmetrical)                           | (92) Under cover mounting hole (symmetrical)              | (101) Canister hose mounting hole (symmetrical)               |
| (84) Strut mount mounting hole (symmetrical)                           | (93) Center bearing mounting hole (symmetrical)           | (102) Rear suspension crossmember mounting hole (symmetrical) |
| (85) Transmission crossmember mounting hole (symmetrical)              | (94) Exhaust cover mounting hole (symmetrical)            | (103) Gauge hole (symmetrical)                                |
| (86) Drain hose mounting hole (symmetrical)                            | (95) Weight reduction hole (symmetrical)                  | (104) Weight reduction hole (symmetrical)                     |
| (87) Under cover mounting hole (symmetrical)                           | (96) Under cover mounting hole (symmetrical)              |   |
| (88) Under cover mounting hole (symmetrical)                           | (97) Fuel protector mounting hole (symmetrical)           |   |

Measuring point	Reference dimension mm (in)
(80) from standard line	198 (7.80)
(81) from standard line	212 (8.35)
(82) from standard line	77 (3.03)
(84) from standard line	17 (0.07)
(89) from standard line	(4AT, MT) 35 (1.38) (5AT) 56 (2.20)
(90) from standard line	18 (0.71)
(94) from standard line	-9 (-0.35)
(98) from standard line	75 (2.95)
(100) from standard line	164 (6.46)
(102) from standard line	243 (9.57)
(103) from standard line	255 (10.04)
(104) from standard line	241 (9.49)
(17) to (80)	439 (17.28)
(17) to (84)	423 (16.65)
(80) to (81)	408 (16.06)
(80) to (84)	862 (33.94)
(81) to (84)	454 (17.87)
(84) to (88)	335 (13.19)
(84) to (89)	(4AT, MT) 257 (10.12) (5AT) 357 (14.06)
(88) to (92)	503 (19.80)
(89) to (90)	302 (11.89)
(90) to (94)	363 (14.29)
(92) to (98)	887 (34.92)
(93) to (94)	68 (2.68)
(97) to (98)	215 (8.46)
(98) to (99)	152 (5.98)
(98) to (100)	329 (12.95)
(99) to (100)	177 (6.97)
(100) to (55)	149 (5.87)

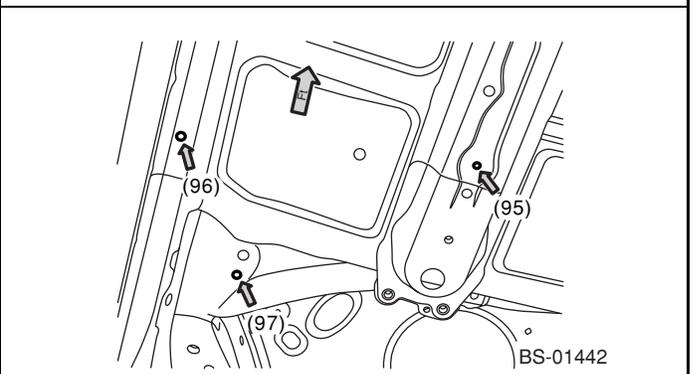
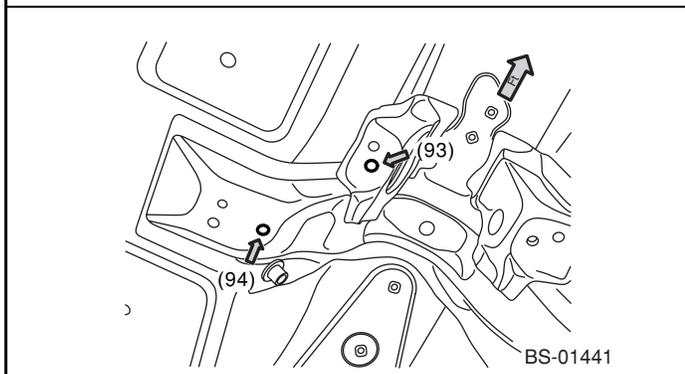
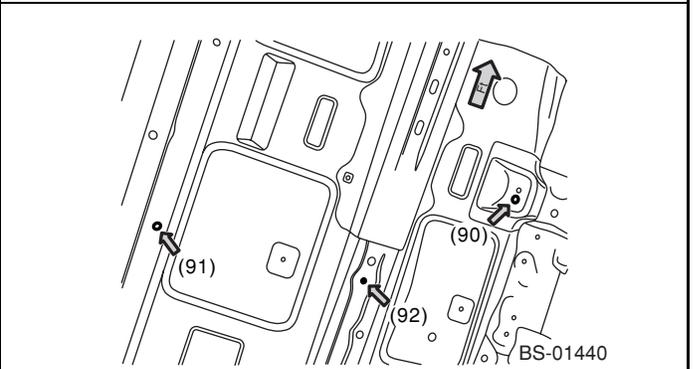
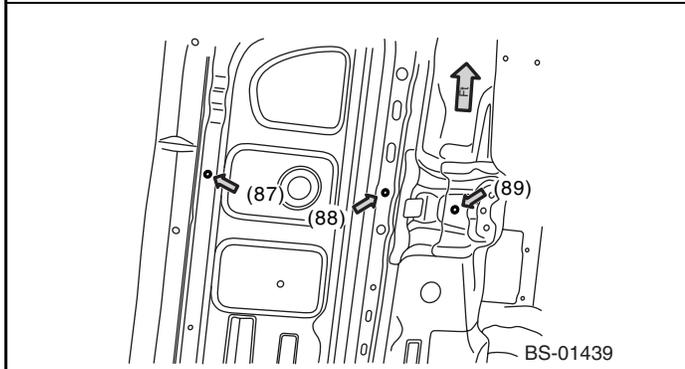
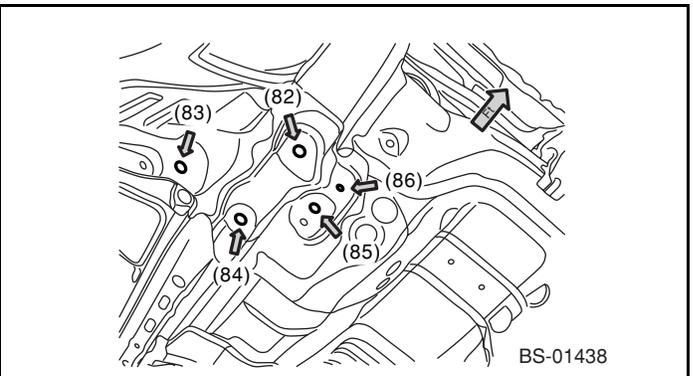
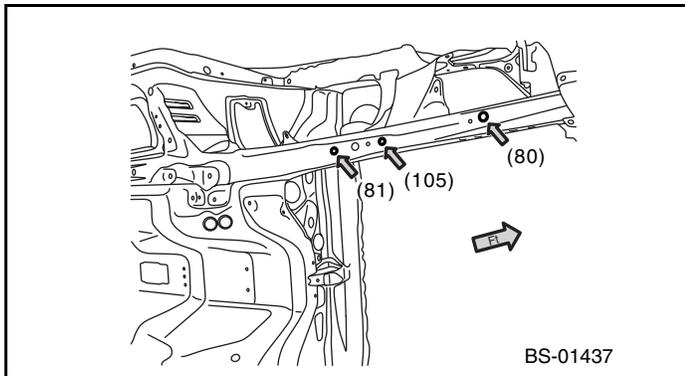
Measuring point	Reference dimension mm (in)
(100) to (102)	457 (17.99)
(101) to (102)	123 (4.84)
(102) to (103)	157 (6.18)
(102) to (104)	511 (20.12)
(103) to (104)	354 (13.94)
(80) RH to (80) LH	926 (36.46)
(81) RH to (81) LH	840 (33.07)
(82) RH to (82) LH	746 (29.37)
(83) RH to (83) LH	968 (38.11)
(84) RH to (84) LH	756 (29.76)
(87) RH to (87) LH	1,382 (54.41)
(87) to (91)	510 (20.08)
(88) RH to (88) LH	800 (31.50)
(89) RH to (89) LH	(4AT, MT) 529 (20.83) (5AT) 433 (17.05)
(90) RH to (90) LH	396 (15.59)
(91) RH to (91) LH	1,382 (54.41)
(91) to (96)	510 (20.08)
(92) RH to (92) LH	796 (31.34)
(93) RH to (93) LH	200 (7.87)
(94) RH to (94) LH	343 (13.50)
(95) RH to (95) LH	796 (31.34)
(96) RH to (96) LH	1,382 (54.51)
(97) RH to (97) LH	1,200 (47.24)
(98) RH to (98) LH	1,163 (45.49)
(99) RH to (99) LH	1,115 (43.90)
(100) RH to (100) LH	930 (36.61)
(101) RH to (101) LH	856 (33.70)
(102) RH to (102) LH	970 (38.19)
(103) RH to (103) LH	836 (32.91)
(104) RH to (104) LH	814 (32.05)

# Datum Dimensions

## BODY STRUCTURE

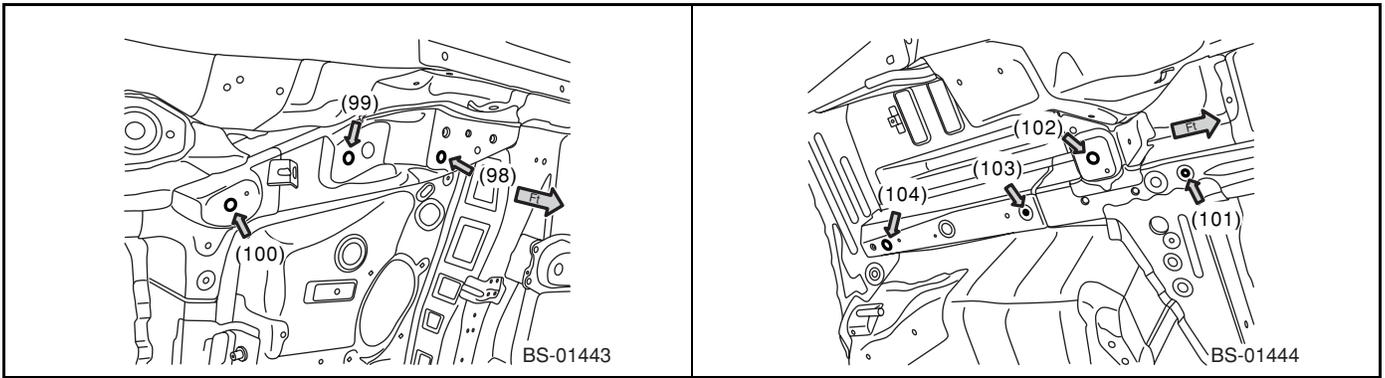
Measuring point	Reference dimension mm (in)
(85)	Height 86 (3.39), Width 620 (24.41)
(86)	Height 117 (4.61), Width 600 (23.62)

Measuring point	Reference dimension/Projected dimension for reference mm (in)
(80) RH to (82) LH	1,135 (44.68)/1,128 (44.41)
(80) RH to (81) LH	973 (38.31)/973 (38.31)
(81) RH to (82) LH	877 (34.53)/867 (34.13)
(82) RH to (88) LH	894 (35.20)/889 (35.00)
(88) RH to (92) LH	943 (37.13)/943 (37.13)
(88) RH to (95) LH	1,251 (49.25)/1,251 (49.25)
(92) RH to (98) LH	1,325 (52.17)/1,321 (52.01)
(95) RH to (98) LH	1,072 (42.20)/1,069 (42.09)
(98) RH to (100) LH	1,101 (43.35)/1,097 (43.19)
(98) RH to (102) LH	1,335 (52.56)/1,325 (52.17)
(100) RH to (104) LH	1,305 (51.38)/1,303 (51.30)
(102) RH to (104) LH	1,028 (40.47)/1,028 (40.47)



# Datum Dimensions

BODY STRUCTURE



**NOTE:**

For reference point (17) Strut mounting hole (symmetrical), refer to “Datum Dimensions”. <Ref. to BS-8, FRONT STRUCTURE, MEASUREMENT, Datum Dimensions.>

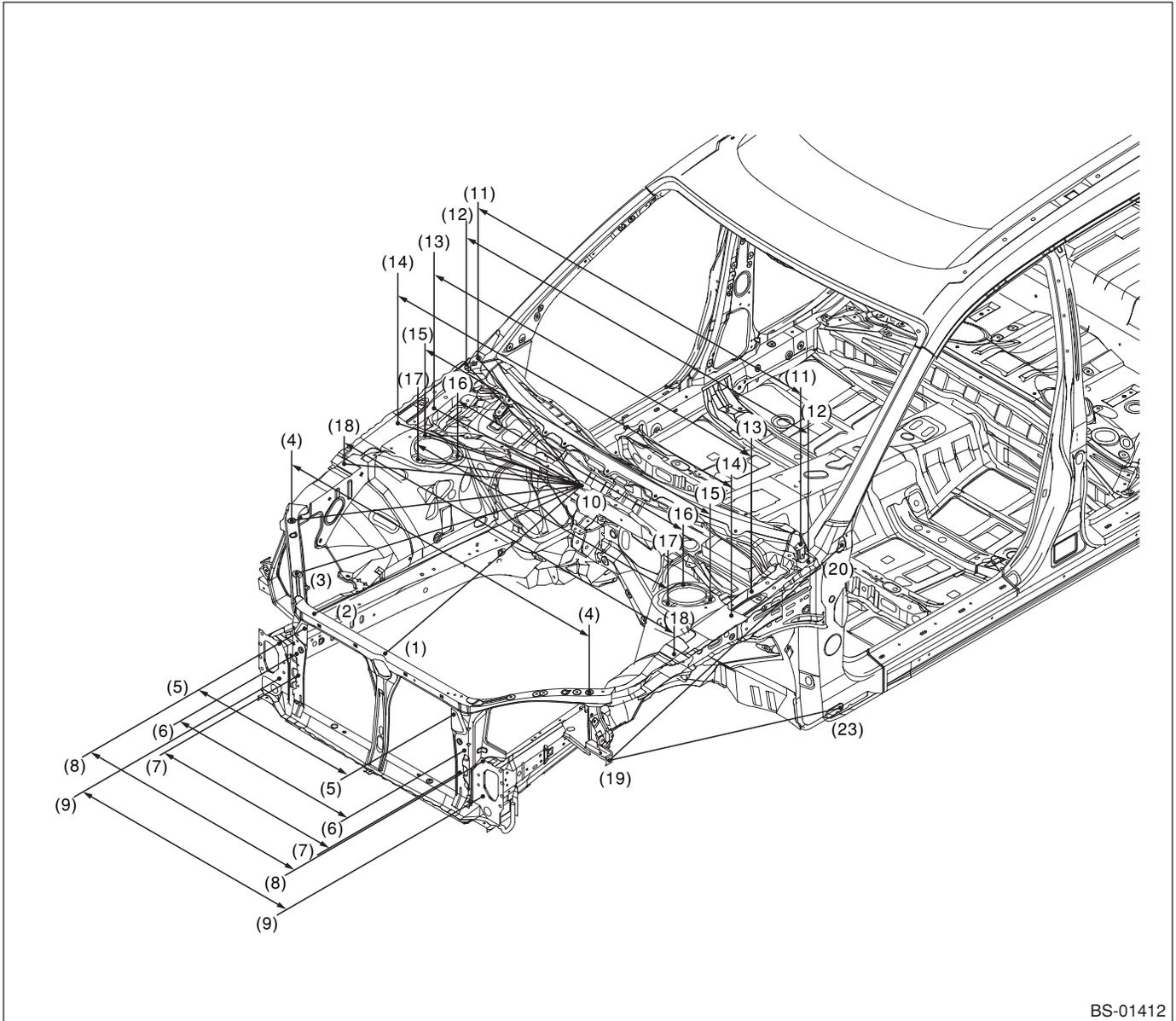
For reference point (55) Rear suspension mounting hole (symmetrical), refer to “Datum Dimensions”. <Ref. to BS-11, INSIDE, MEASUREMENT, Datum Dimensions.>

# Datum Dimensions

## BODY STRUCTURE

### 2. FRONT STRUCTURE

- Common for wagon and sedan model



BS-01412

- |   |  |   |
|---|--|---|
| (1) Repair location hole (body center)                    | (9) Bumper beam mounting hole (symmetrical), lower side    | (16) Strut mount mounting hole (symmetrical), rear inside |
| (2) Radiator mounting hole                                | (10) Cowl panel mounting hole (body center)                | (17) Strut mount mounting hole (symmetrical), front       |
| (3) Headlight mounting hole (symmetrical)                 | (11) Fender mounting hole (symmetrical)                    | (18) Fender mounting hole (symmetrical)                   |
| (4) Reinforcement fender mounting hole (symmetrical)      | (12) Location hole (symmetrical)                           | (19) Fender mounting hole (symmetrical)                   |
| (5) Air conditioner condenser mounting hole (symmetrical) | (13) Hood hinge mounting hole (symmetrical), front         | (20) Fender mounting hole (symmetrical)                   |
| (6) Beam corner side mounting hole (symmetrical)          | (14) Fender extension mounting hole (symmetrical)          | (23) Fender mounting hole (symmetrical)                   |
| (7) Heat insulation cover mounting hole (symmetrical)     | (15) Strut mount mounting hole (symmetrical), rear outside |   |
| (8) Bumper beam mounting hole (symmetrical), upper side   |  |   |

# Datum Dimensions

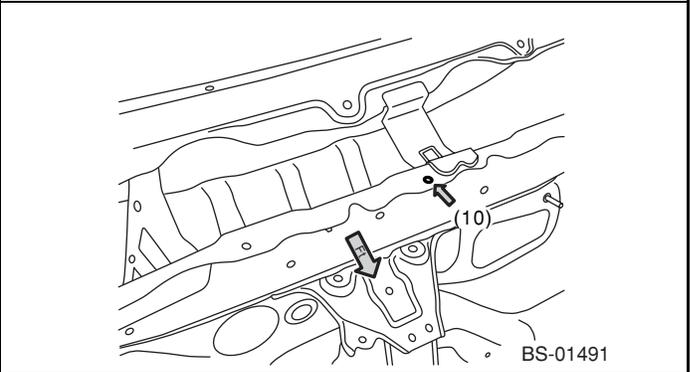
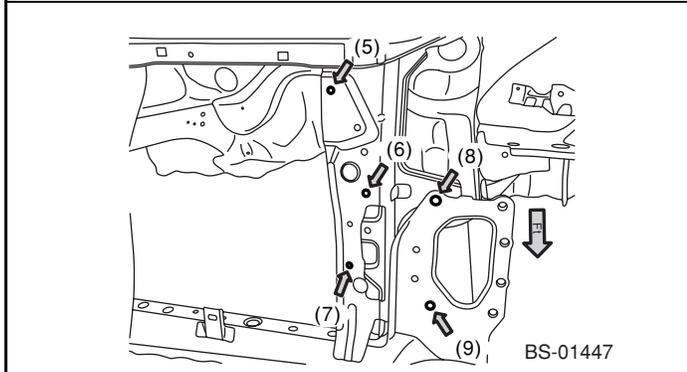
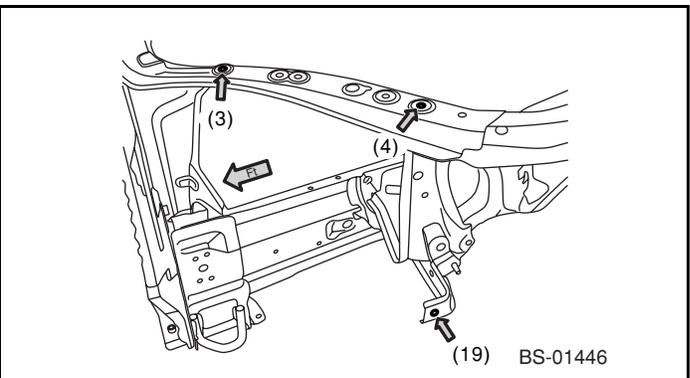
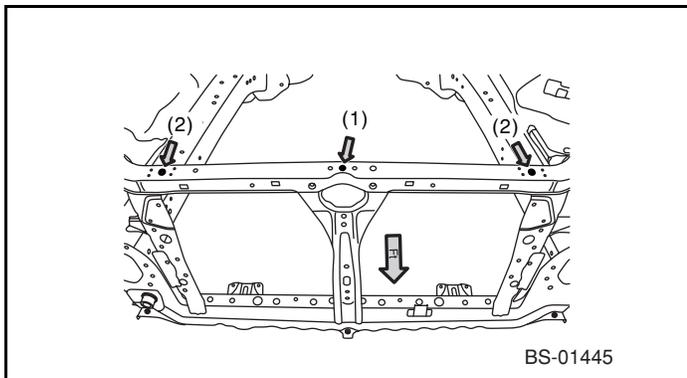
BODY STRUCTURE

Measuring point	Reference dimension mm (in)
(1) — (10)	893 (35.16)
(2) — (10)	948 (37.32)
(3) — (10)	934 (36.77)
(4) — (10)	918 (36.14)
(4) — (4)	1,314 (51.73)
(5) — (5)	658 (25.91)
(6) — (6)	740 (29.13)
(7) — (7)	700 (27.56)
(8) — (8)	900 (35.43)
(9) — (9)	900 (35.43)
(10) — (11)	755 (29.72)
(10) — (12)	794 (31.26)
(10) — (13)	707 (27.83)
(10) — (14)	745 (29.33)

Measuring point	Reference dimension mm (in)
(10) — (15)	639 (25.16)
(10) — (16)	512 (20.16)
(10) — (17)	585 (23.03)
(10) — (18)	804 (31.65)
(11) — (11)	1,422 (55.98)
(12) — (12)	1,508 (59.37)
(13) — (13)	1,402 (55.20)
(14) — (14)	1,472 (57.95)
(15) — (15)	1,258 (49.53)
(16) — (16)	995 (39.17)
(17) — (17)	1,104 (43.46)
(18) — (18)	1,456 (57.32)
(19) — (20)	1,064 (41.89)
(19) — (23)	1,035 (40.75)

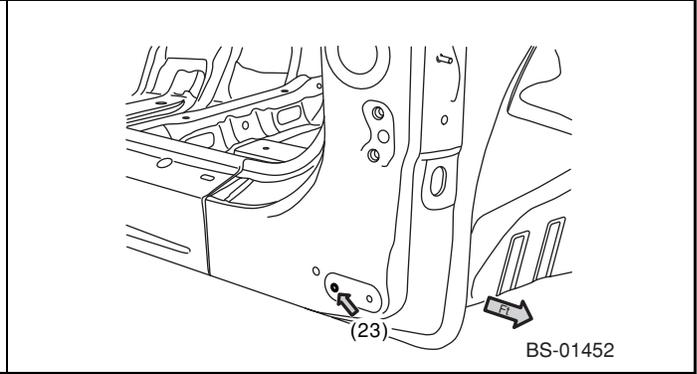
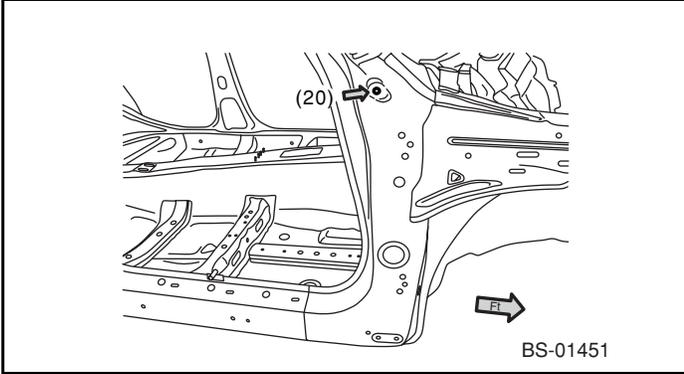
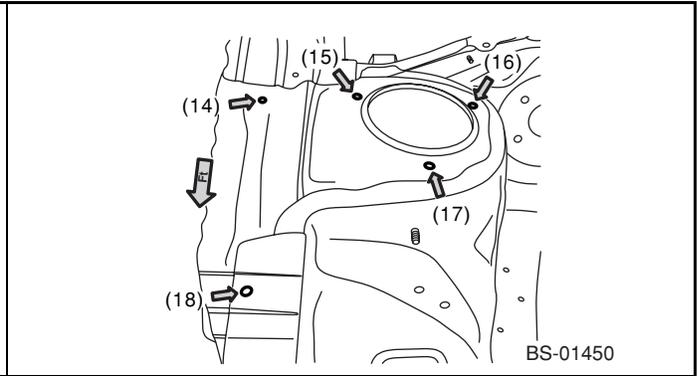
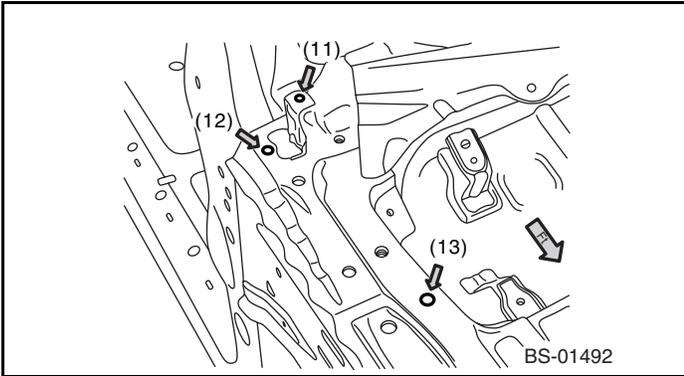
**NOTE:**

- The reference points (1) and (10) are at the body center, while the other points are left-right symmetrical.
- The dimensions are the actual dimensions between the reference points.



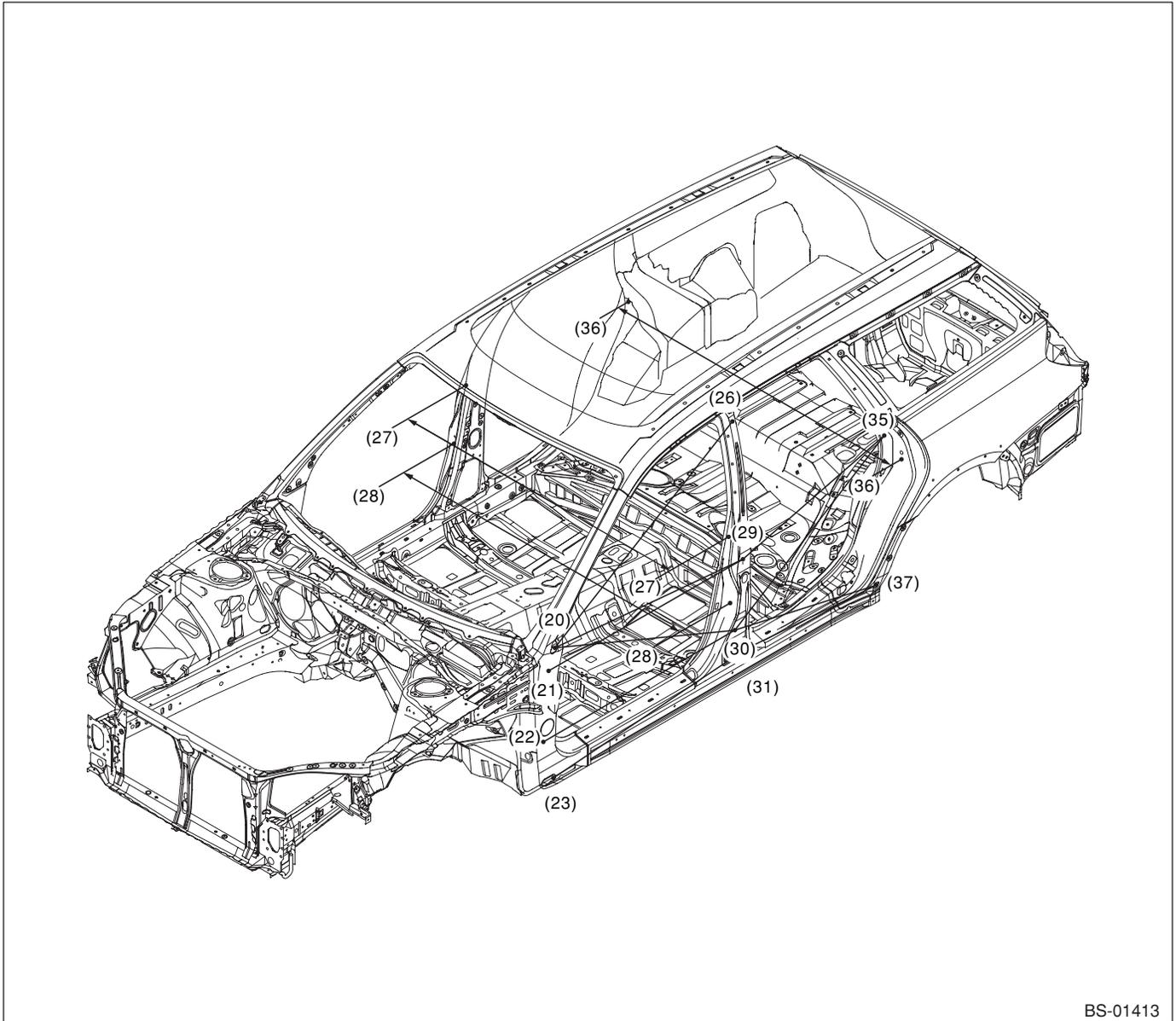
# Datum Dimensions

## BODY STRUCTURE



## 3. INSIDE

- Common for wagon and sedan model, 1



BS-01413

- |   |  |  |
|---|--|--|
| (20) Fender mounting hole (symmetrical)                             | (27) Weatherstrip mounting hole (symmetrical)          | (35) Weatherstrip mounting hole (symmetrical)      |
| (21) Front door hinge upper mounting hole (symmetrical), upper side | (28) Front door striker mounting hole (symmetrical)    | (36) Rear door striker mounting hole (symmetrical) |
| (22) Front door hinge lower mounting hole (symmetrical), upper side | (29) Rear door hinge upper mounting hole (symmetrical) | (37) Protector mounting hole (symmetrical)         |
| (23) Fender mounting hole (symmetrical)                             | (30) Rear door hinge lower mounting hole (symmetrical) |  |
| (26) Gauge hole (symmetrical)                                       | (31) Gauge hole (symmetrical)                          |  |

# Datum Dimensions

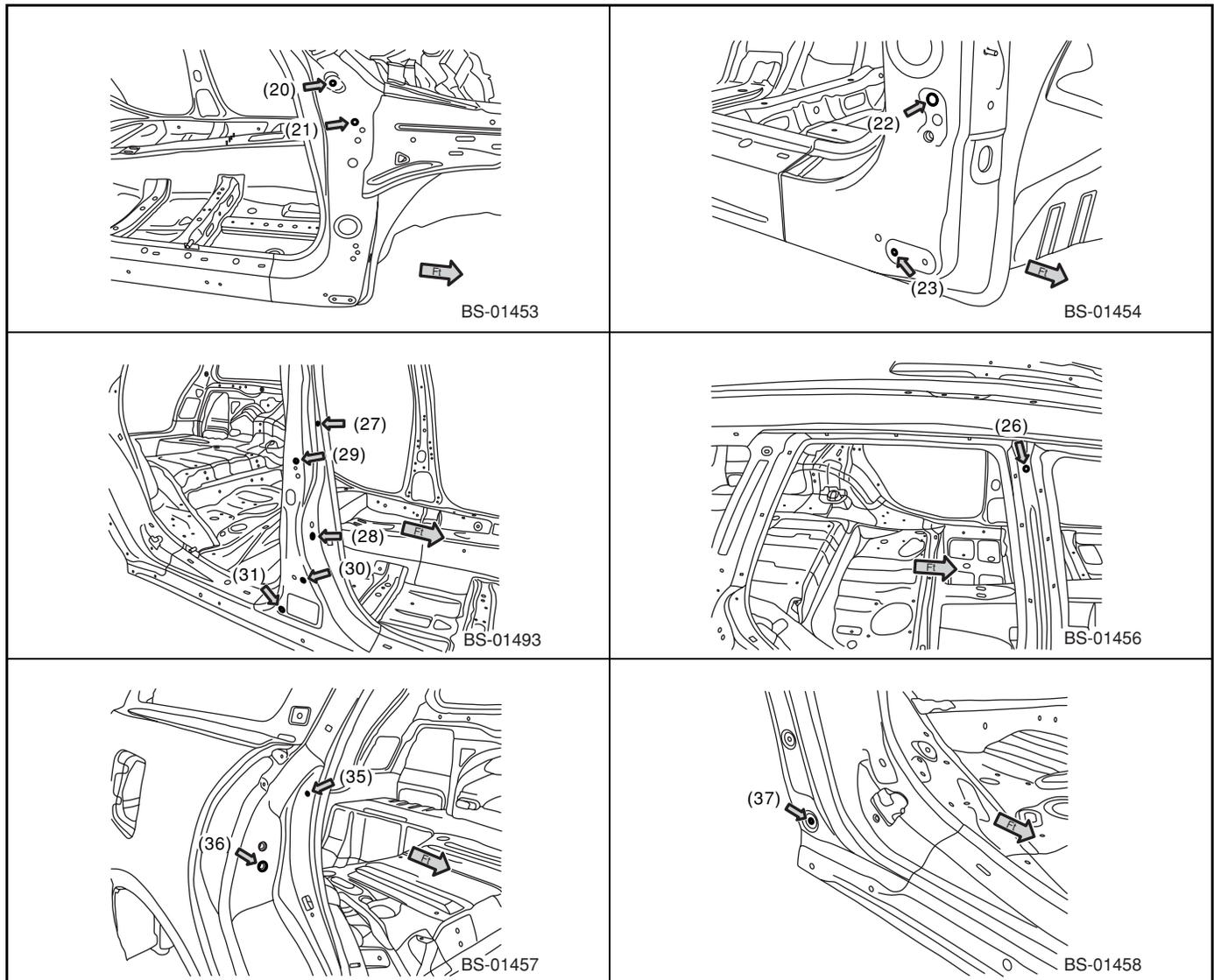
## BODY STRUCTURE

Measuring point	Reference dimension mm (in)
(20) — (26)	1,232 (48.50)
(20) — (29)	1,034 (40.71)
(20) — (30)	1,066 (41.97)
(21) — (29)	1,080 (42.52)
(22) — (30)	1,055 (41.54)
(23) — (31)	1,070 (42.13)

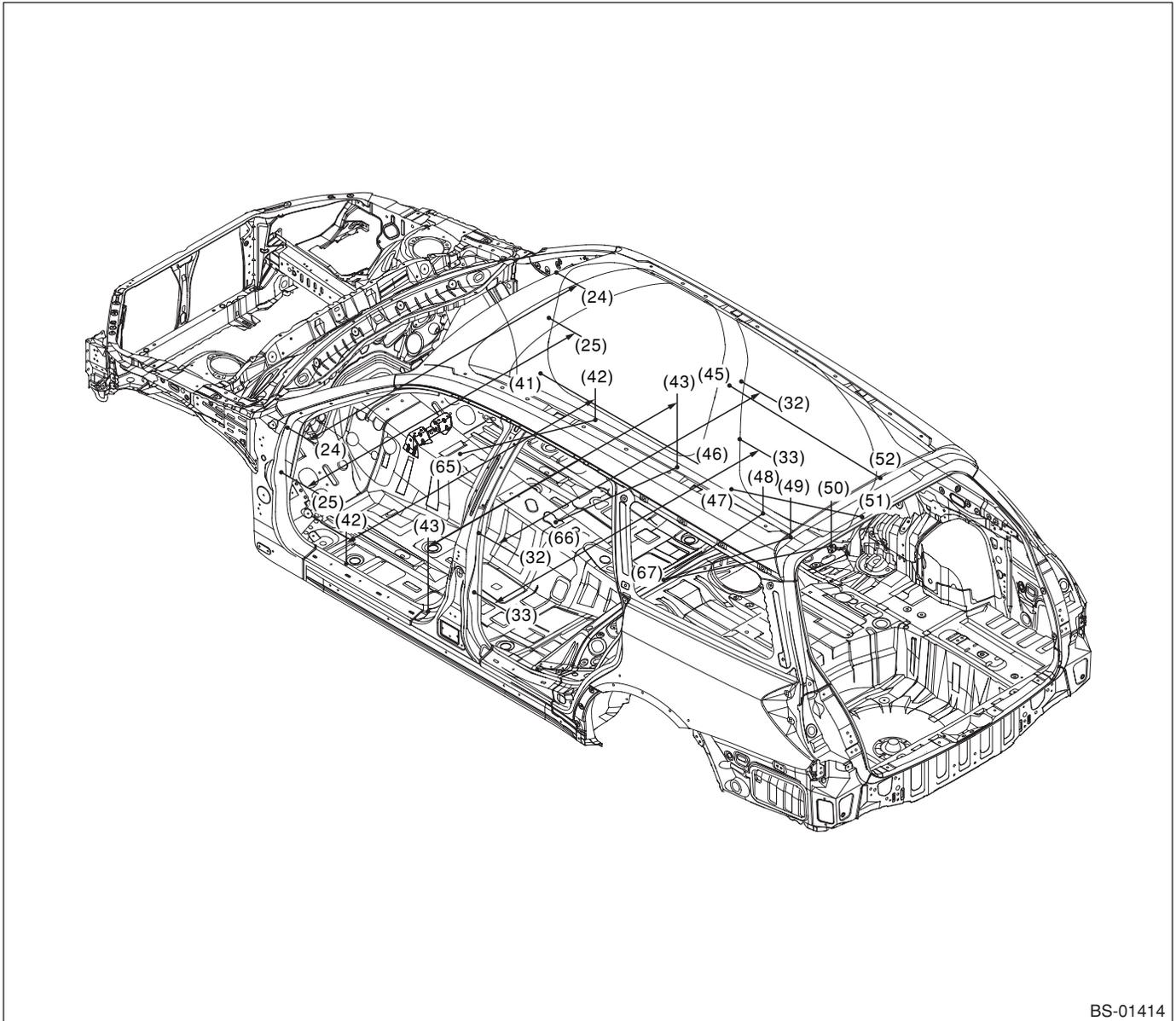
Measuring point	Reference dimension mm (in)
(27) — (27)	1,448 (57.01)
(28) — (28)	1,523 (59.96)
(29) — (35)	863 (33.98)
(30) — (35)	1,002 (39.45)
(30) — (37)	753 (29.65)
(31) — (37)	679 (26.73)
(36) — (36)	1,506 (59.29)

### NOTE:

- All reference points are left-right symmetrical.
- The dimensions are the actual dimensions between the reference points.



- Common for wagon and sedan model, 2



BS-01414

(24) Weatherstrip mounting hole (symmetrical)	(43) Harness clip mounting hole (symmetrical)	(50) Side sill cover mounting hole (symmetrical)
(25) Front door checker mounting hole (symmetrical)	(45) Trim clip mounting hole (symmetrical)	(51) Gauge hole (symmetrical)
(32) Weatherstrip mounting hole (symmetrical)	(46) Trim clip mounting hole (symmetrical)	(52) Trim clip mounting hole (symmetrical)
(33) Rear door checker mounting hole (symmetrical)	(47) Harness clip mounting hole (symmetrical)	(65) Air bag unit mounting hole (body center)
(41) Side sill cover mounting hole (symmetrical)	(48) Harness clip mounting hole (symmetrical)	(66) Hand brake mounting hole (body center)
(42) Harness clip mounting hole (symmetrical)	(49) Harness clip mounting hole (symmetrical)	(67) Floor mat mounting hole (body center)

# Datum Dimensions

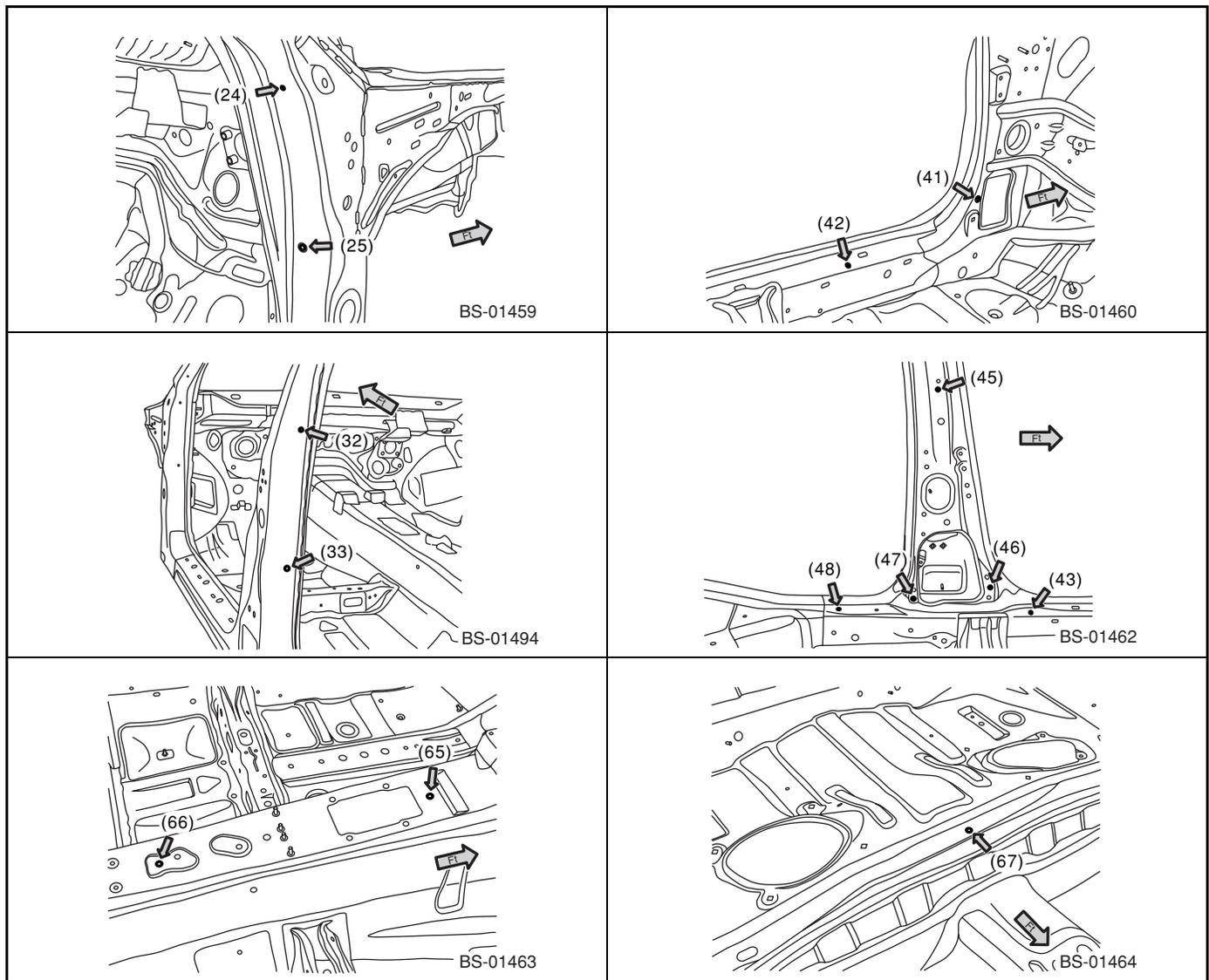
## BODY STRUCTURE

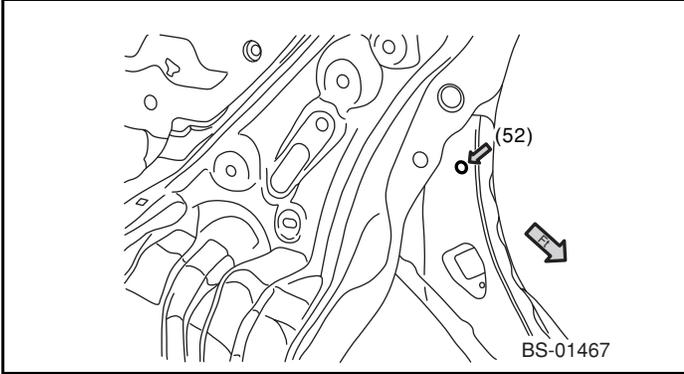
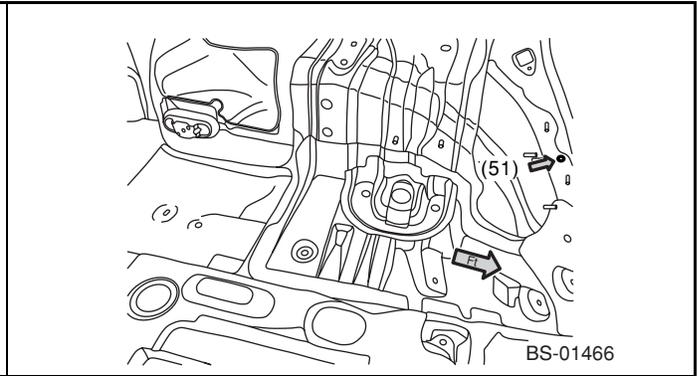
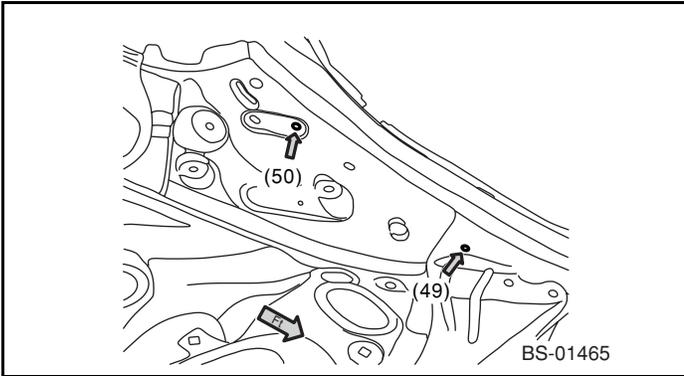
Measuring point	Reference dimension mm (in)
(24) — (24)	1,482 (58.35)
(25) — (25)	1,476 (58.11)
(32) — (32)	1,448 (57.01)
(33) — (33)	1,464 (57.64)
(41) — (46)	863 (33.98)
(42) — (42)	1,373 (54.06)
(42) — (65)	706 (27.80)

Measuring point	Reference dimension mm (in)
(43) — (43)	1,373 (54.06)
(43) — (66)	693 (27.28)
(45) — (52)	838 (32.99)
(47) — (51)	740 (29.13)
(48) — (67)	711 (27.99)
(49) — (67)	649 (25.55)
(50) — (67)	704 (27.72)

### NOTE:

- The reference points (65), (66), and (67) are at the body center, while the other points are left-right symmetrical.
- The dimensions are the actual dimensions between the reference points.

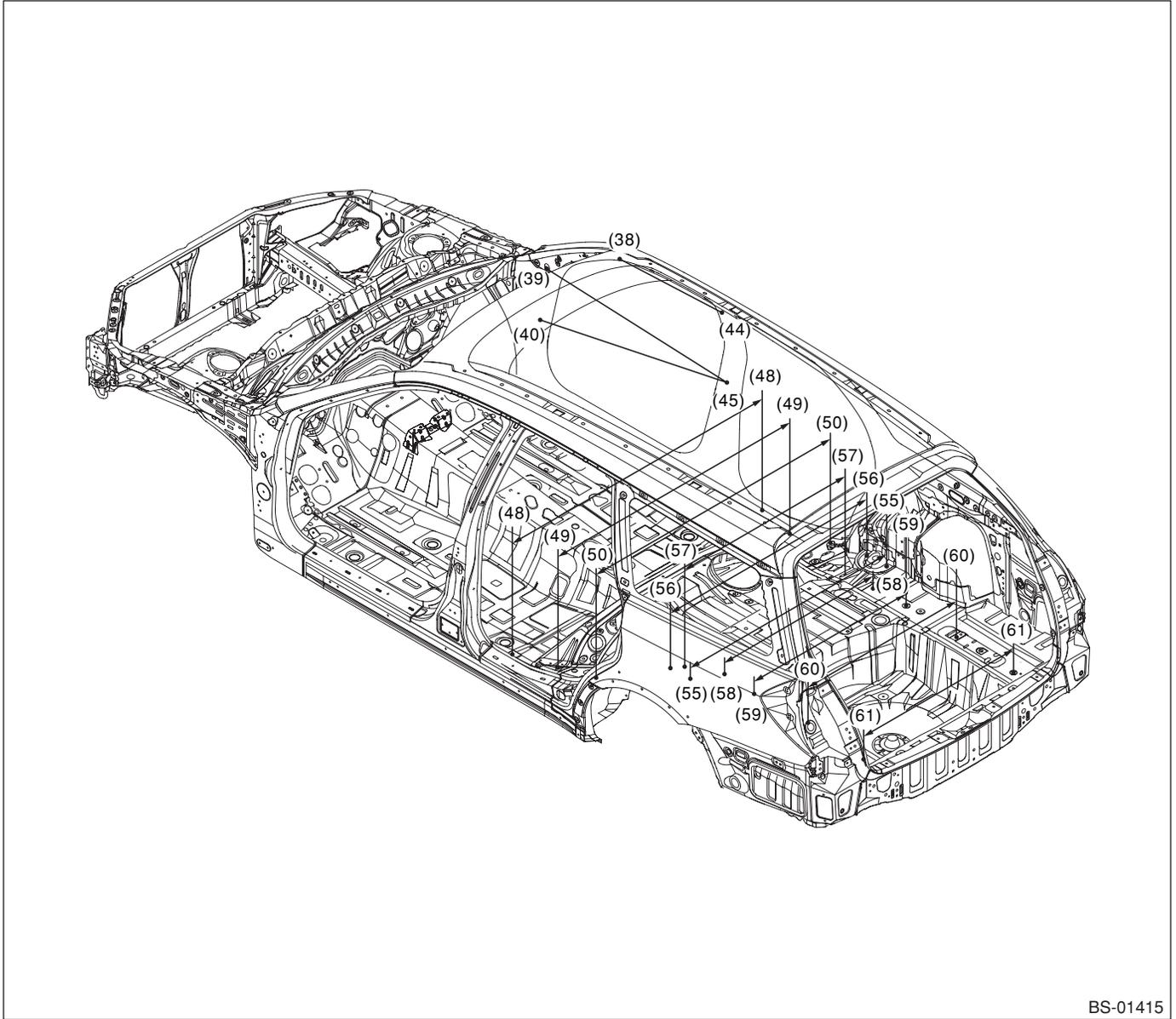




# Datum Dimensions

## BODY STRUCTURE

- Common for wagon and sedan model, 3



BS-01415

- |  |  |   |
|--|--|---|
| (38) Trim clip mounting hole (symmetrical)     | (48) Harness clip mounting hole (symmetrical)          | (56) Rear suspension mounting hole (symmetrical), front |
| (39) ED hole (symmetrical)                     | (49) Harness clip mounting hole (symmetrical)          | (57) Rear seat hinge mounting hole (symmetrical)        |
| (40) Hood lock lever arrest hole (symmetrical) | (50) Side sill cover mounting hole (symmetrical)       | (58) Gauge hole (symmetrical)                           |
| (44) Trim clip mounting hole (symmetrical)     | (55) Rear suspension mounting hole (symmetrical), rear | (59) Gauge hole (symmetrical)                           |
| (45) Trim clip mounting hole (symmetrical)     |  | (60) Gauge hole (symmetrical)                           |
|  |  | (61) Gauge hole (symmetrical)                           |

# Datum Dimensions

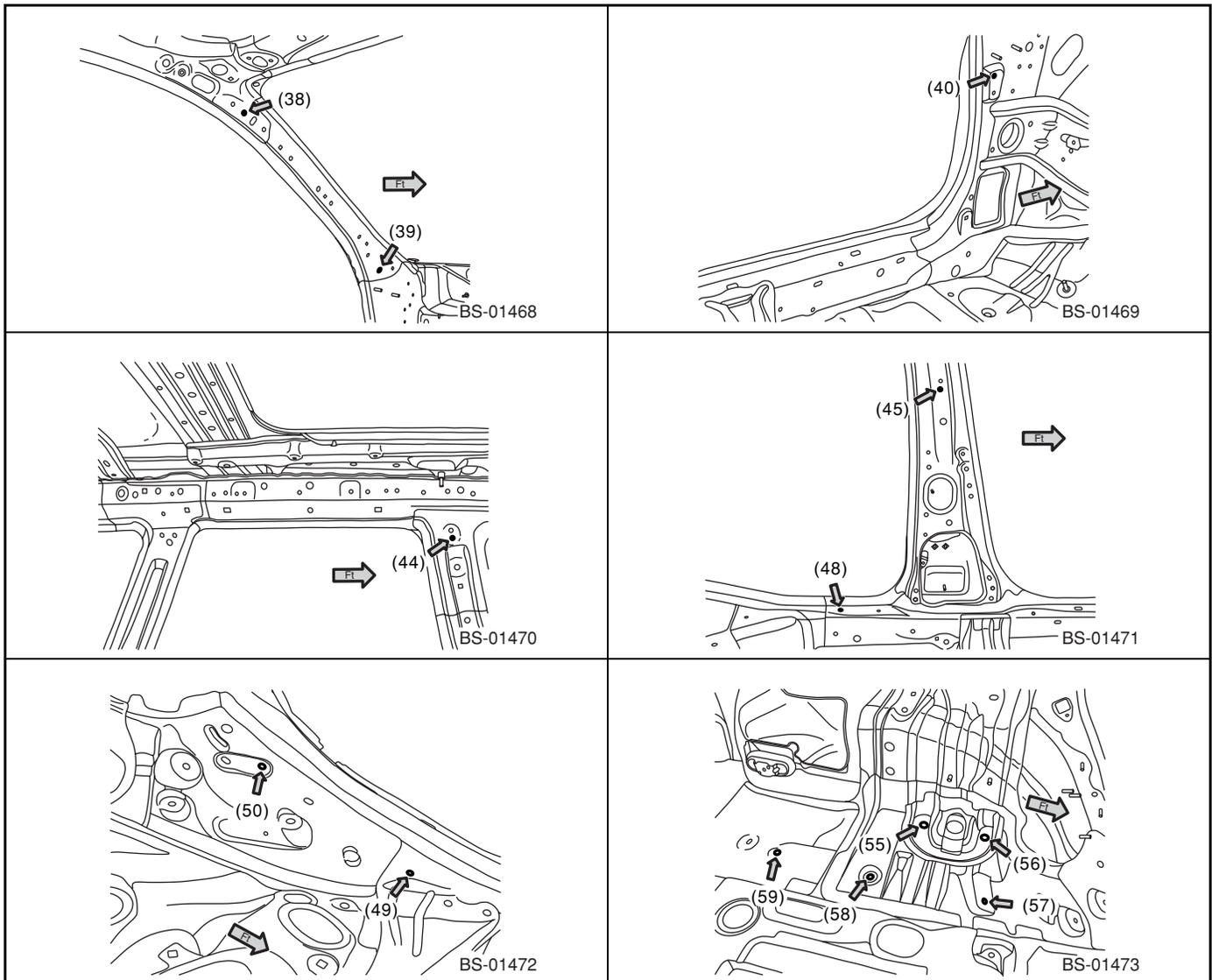
## BODY STRUCTURE

Measuring point	Reference dimension mm (in)
(38) — (44)	586 (23.07)
(39) — (45)	993 (39.09)
(40) — (45)	1,043 (41.06)
(48) — (48)	1,380 (54.33)
(49) — (49)	1,280 (50.39)
(50) — (50)	1,294 (50.94)

Measuring point	Reference dimension mm (in)
(55) — (55)	1,084 (42.68)
(56) — (56)	1,090 (42.91)
(57) — (57)	886 (34.88)
(58) — (58)	820 (32.28)
(59) — (59)	840 (33.07)
(60) — (60)	820 (32.28)
(61) — (61)	840 (33.07)

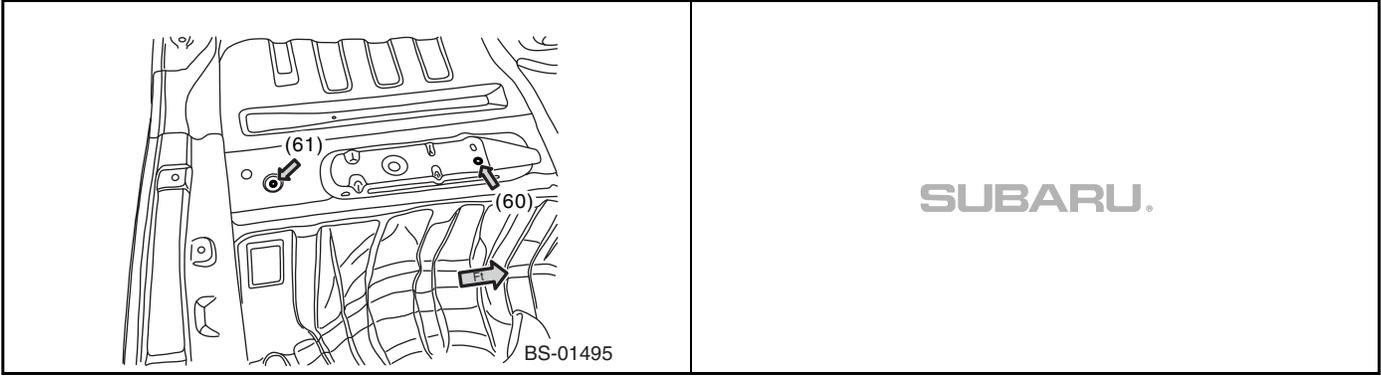
### NOTE:

- All reference points are left-right symmetrical.
- The dimensions are the actual dimensions between the reference points.



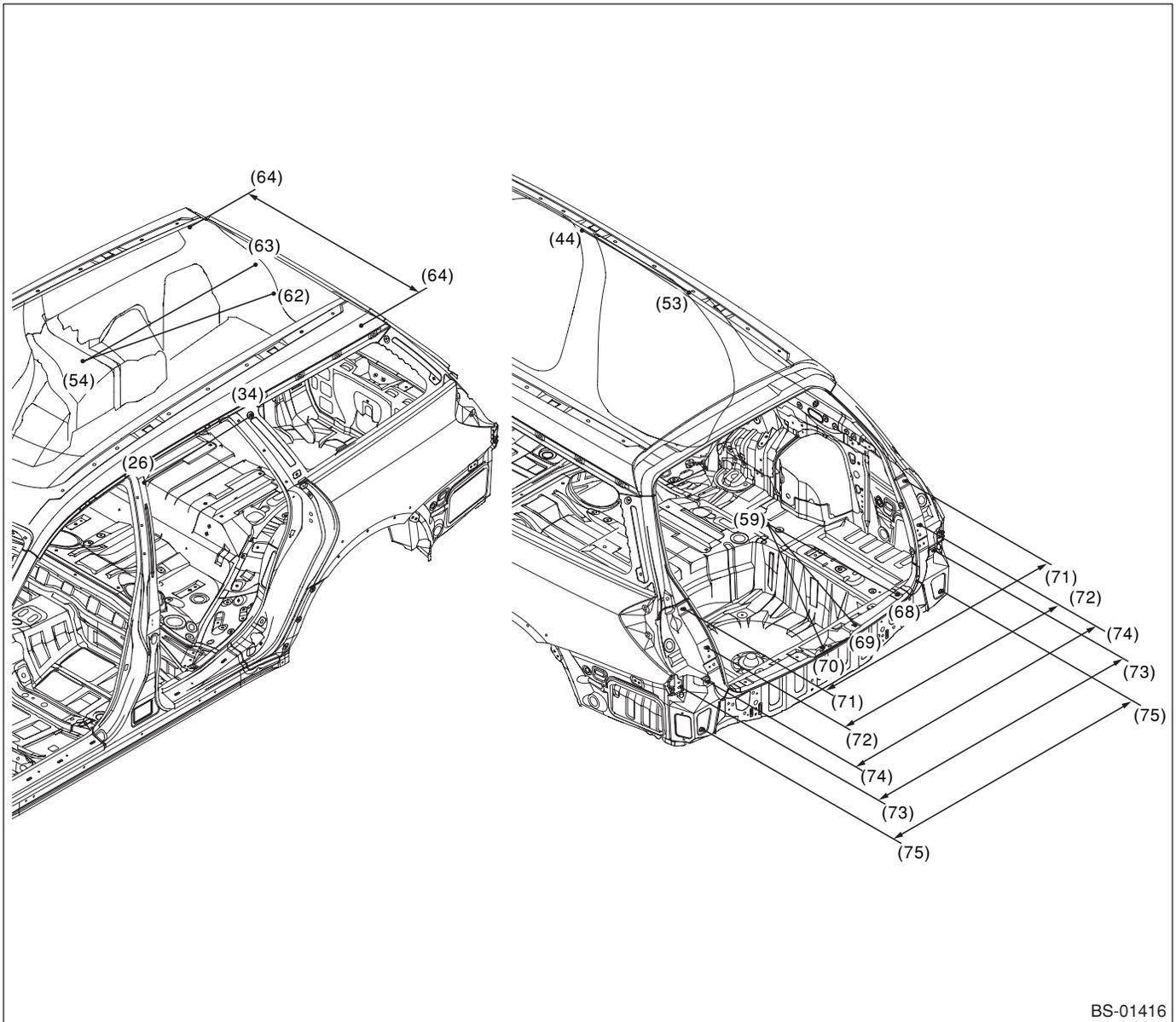
# Datum Dimensions

## BODY STRUCTURE



## 4. REAR

- Wagon model



- |   |   |  |
|---|---|--|
| (26) Gauge hole (symmetrical)                       | (62) Trim clip mounting hole (symmetrical)    | (70) Repair location hole (body center)            |
| (34) Rear quarter glass mounting hole (symmetrical) | (63) Trim clip mounting hole (symmetrical)    | (71) Combination light mounting hole (symmetrical) |
| (44) Trim clip mounting hole (symmetrical)          | (64) Harness clip mounting hole (symmetrical) | (72) Buffer mounting hole (symmetrical)            |
| (53) Trim clip mounting hole (symmetrical)          | (68) Trim clip mounting hole (symmetrical)    | (73) Bumper mounting hole (symmetrical)            |
| (54) Rear seat striker mounting hole (symmetrical)  | (69) Trim clip mounting hole (symmetrical)    | (74) Bracket corner mounting hole (symmetrical)    |
| (59) Gauge hole (symmetrical)                       |   | (75) Gauge hole (symmetrical)                      |

# Datum Dimensions

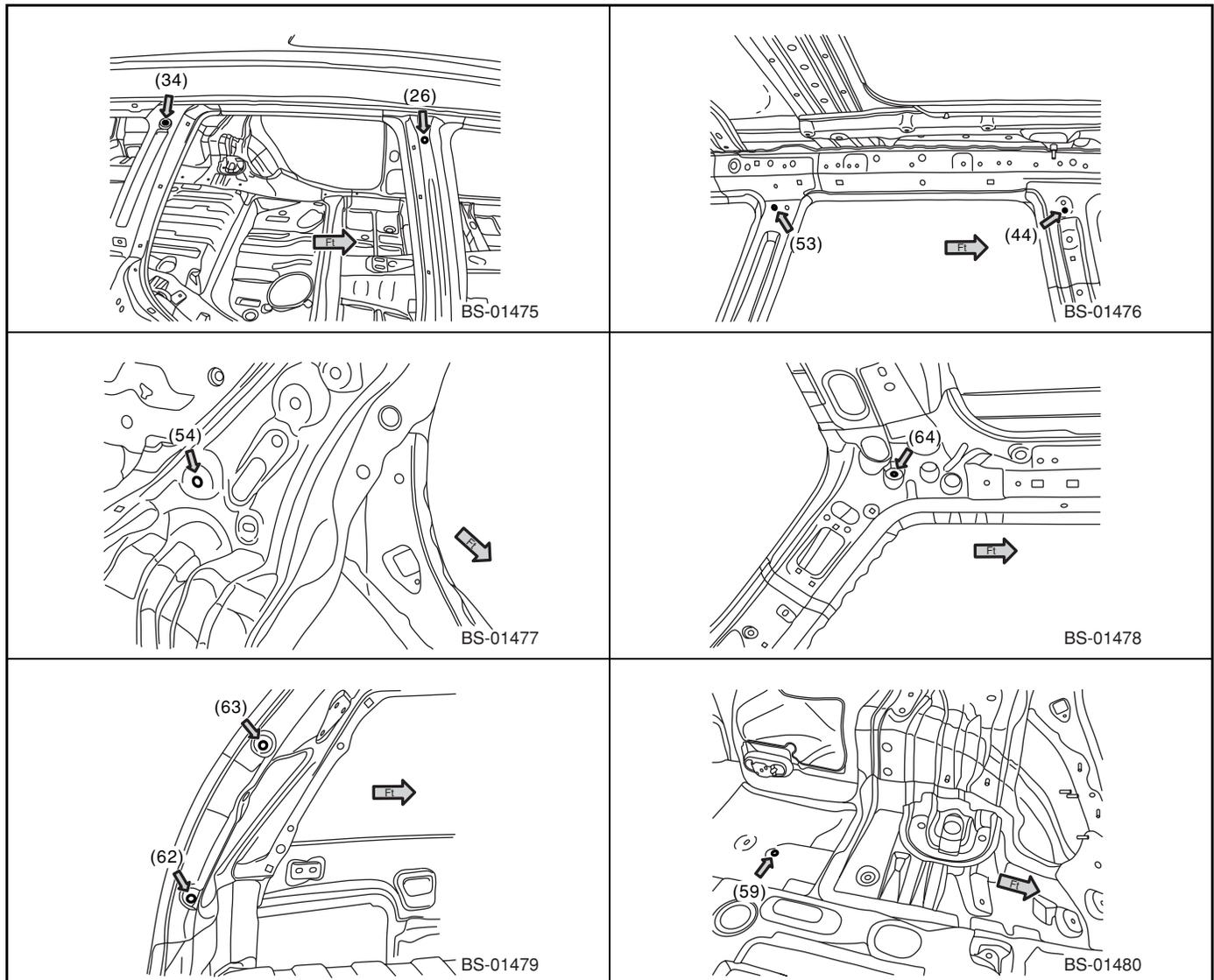
## BODY STRUCTURE

Measuring point	Reference dimension mm (in)
(26) — (34)	613 (24.13)
(44) — (53)	591 (23.27)
(54) — (62)	969 (38.15)
(54) — (63)	884 (34.80)
(59) — (68)	1,087 (42.80)
(59) — (69)	1,142 (44.96)

Measuring point	Reference dimension mm (in)
(59) — (70)	1,166 (45.91)
(64) — (64)	944 (37.17)
(71) — (71)	1,224 (48.19)
(72) — (72)	1,173 (46.18)
(73) — (73)	1,438 (56.61)
(74) — (74)	1,250 (49.21)
(75) — (75)	1,320 (59.97)

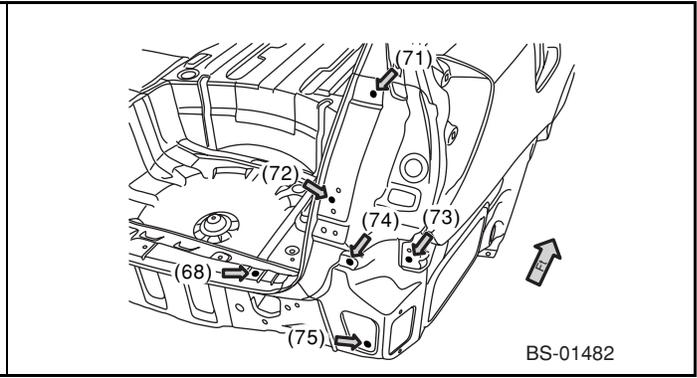
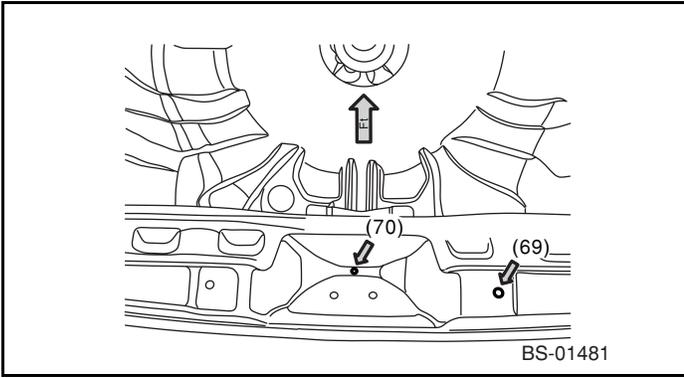
### NOTE:

- The reference point (70) is at the body center, while the other points are left-right symmetrical.
- The dimensions are the actual dimensions between the reference points.



# Datum Dimensions

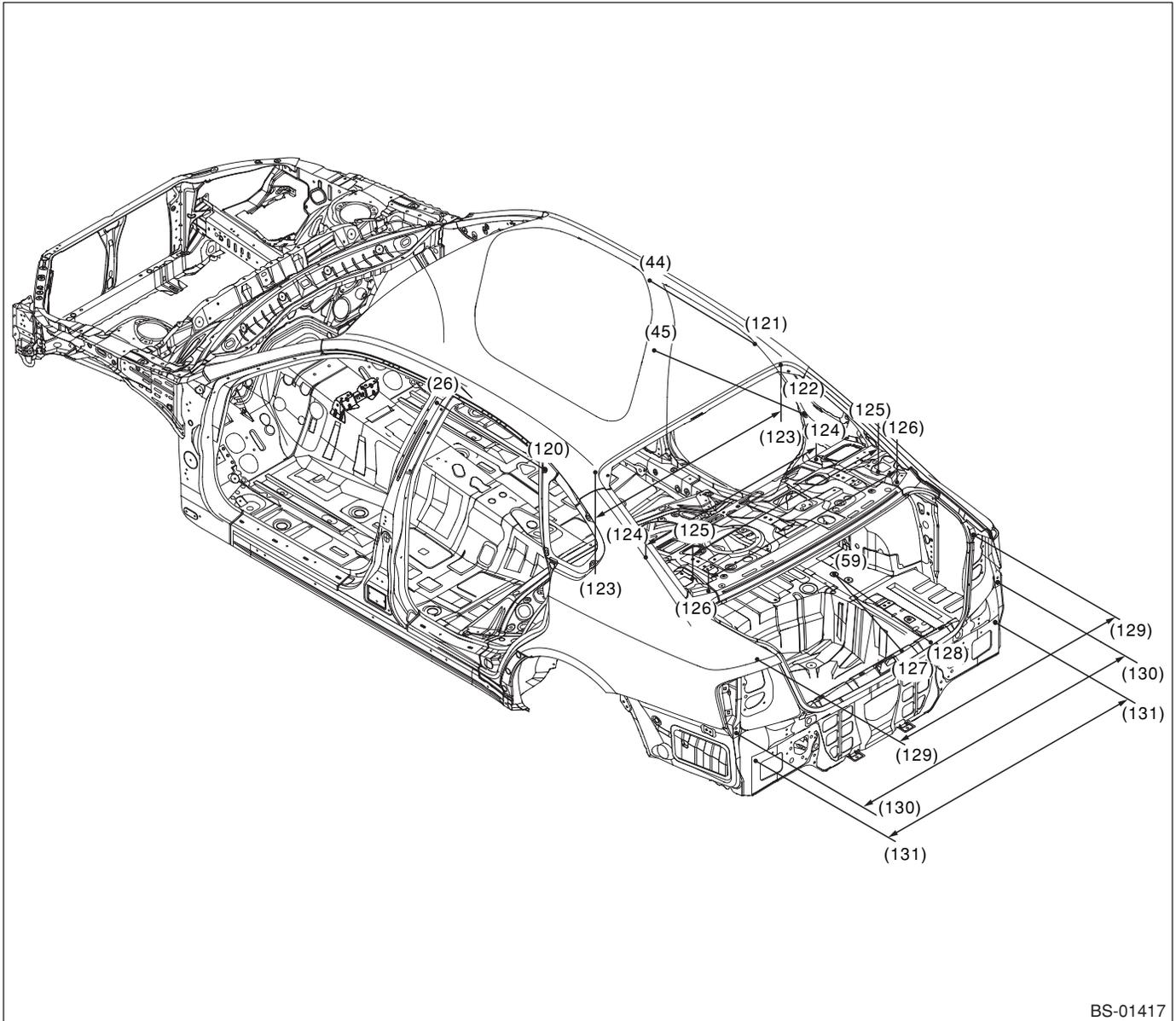
BODY STRUCTURE



# Datum Dimensions

## BODY STRUCTURE

- Sedan model



BS-01417

(26) Gauge hole (symmetrical)	(122) Trim clip mounting hole (symmetrical)	(127) Trim clip mounting hole (symmetrical)
(44) Trim clip mounting hole (symmetrical)	(123) Sunroof drain hose clip mounting hole (symmetrical)	(128) ED hole (symmetrical)
(45) Trim clip mounting hole (symmetrical)	(124) Trim clip mounting hole (symmetrical)	(129) Combination light mounting hole (symmetrical)
(59) Gauge hole (symmetrical)	(125) Harness clip mounting hole (symmetrical)	(130) Bumper bracket mounting hole (symmetrical)
(120) Six light glass mounting hole (symmetrical)	(126) Gauge hole (symmetrical)	(131) ED hole (symmetrical)
(121) Trim clip mounting hole (symmetrical)		

# Datum Dimensions

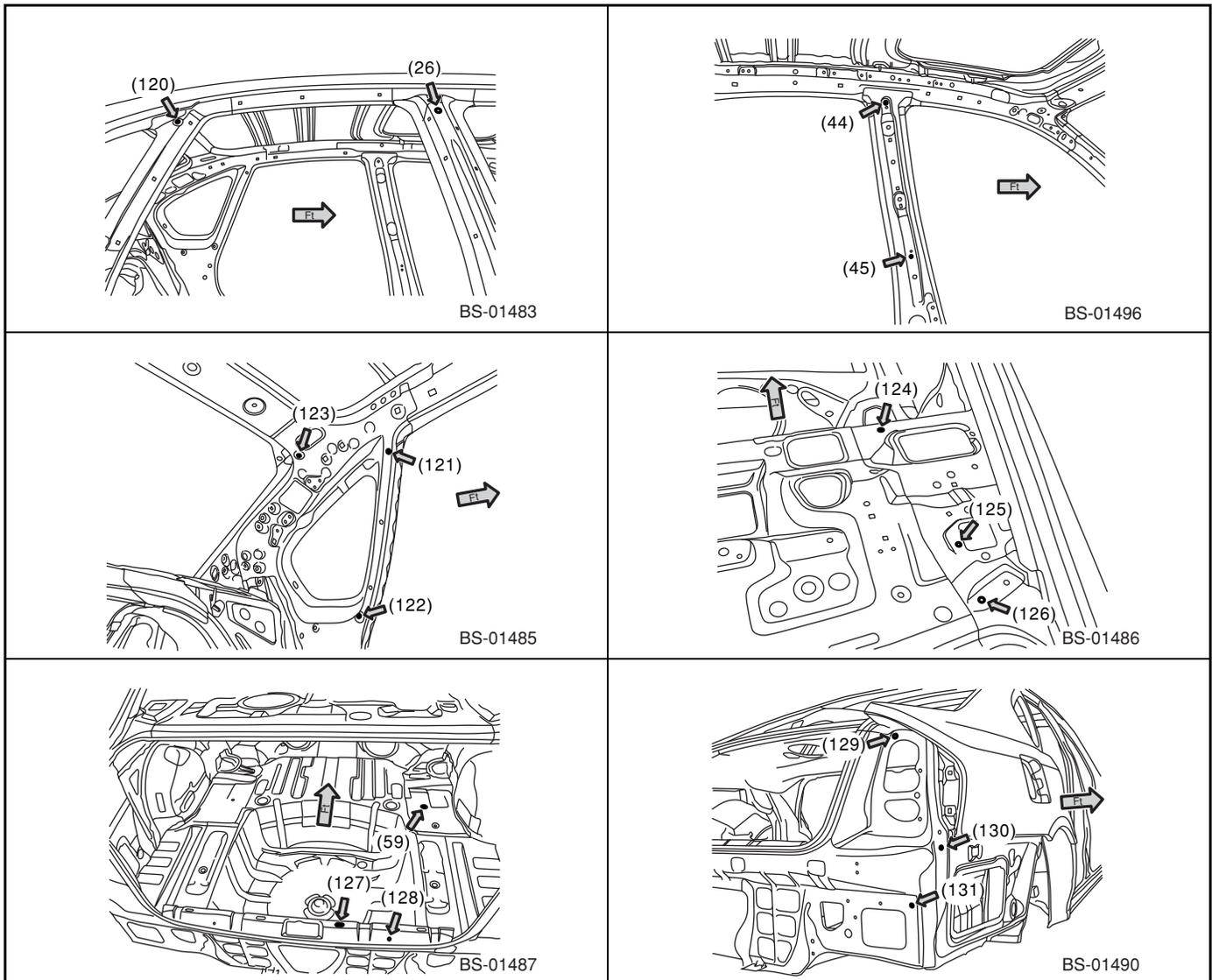
## BODY STRUCTURE

Measuring point	Reference dimension mm (in)
(26) — (120)	598 (23.54)
(44) — (121)	570 (22.44)
(45) — (122)	835 (32.87)
(59) — (127)	1,096 (43.15)
(59) — (128)	1,088 (42.83)
(123) — (123)	1,024 (40.31)

Measuring point	Reference dimension mm (in)
(124) — (124)	940 (37.01)
(125) — (125)	1,024 (40.31)
(126) — (126)	1,040 (40.94)
(129) — (129)	1,191 (46.89)
(130) — (130)	1,442 (56.77)
(131) — (131)	1,322 (52.05)

### NOTE:

- All reference points are left-right symmetrical.
- The dimensions are the actual dimensions between the reference points.



## 5. SUSPENSION MOUNT

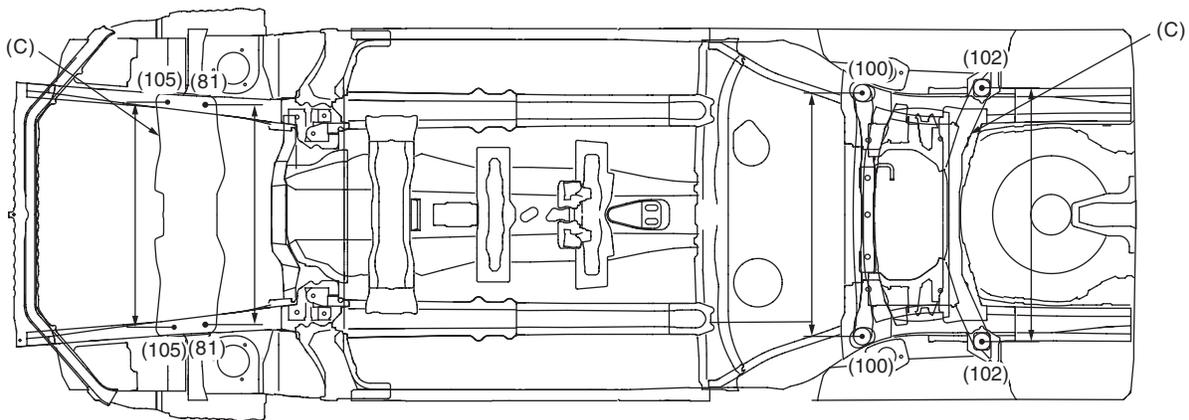
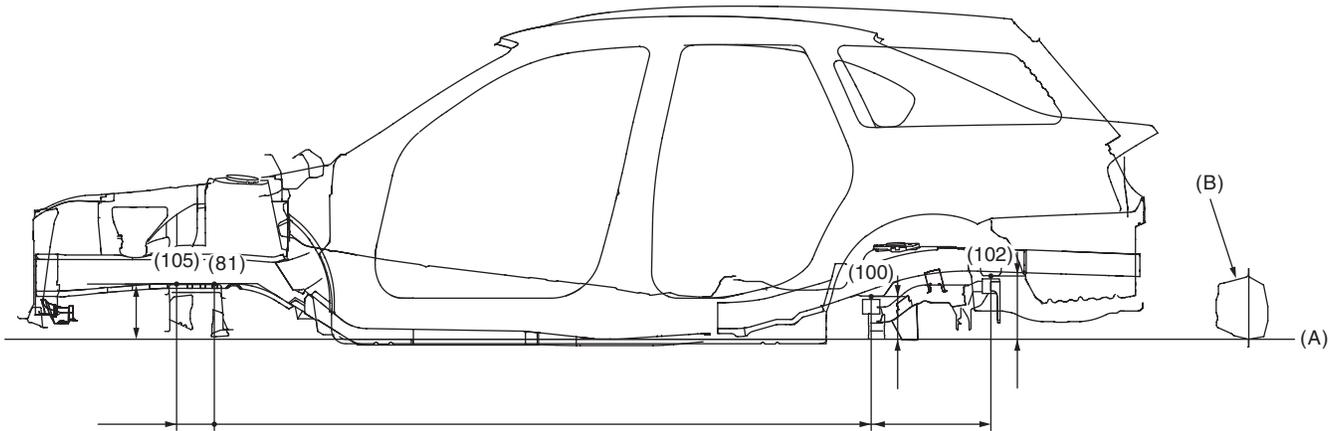
### NOTE:

- Longitudinal dimensions are projected dimensions.
- The height dimensions are the vertical distances from the gauge point on the assumed horizontal line through the side sill flange joint (bending angle point).

# Datum Dimensions

## BODY STRUCTURE

- For the reference point positions, refer to "Datum Dimensions". <Ref. to BS-3, CENTER STRUCTURE, MEASUREMENT, Datum Dimensions.>



BS-01418

(A) Standard line

(B) Side sill

(C) Crossmember

(81) Front crossmember mounting hole (symmetrical), rear

(102) Rear suspension mounting hole (symmetrical)

(105) Front crossmember mounting hole (symmetrical), front

(100) Rear suspension mounting hole (symmetrical)