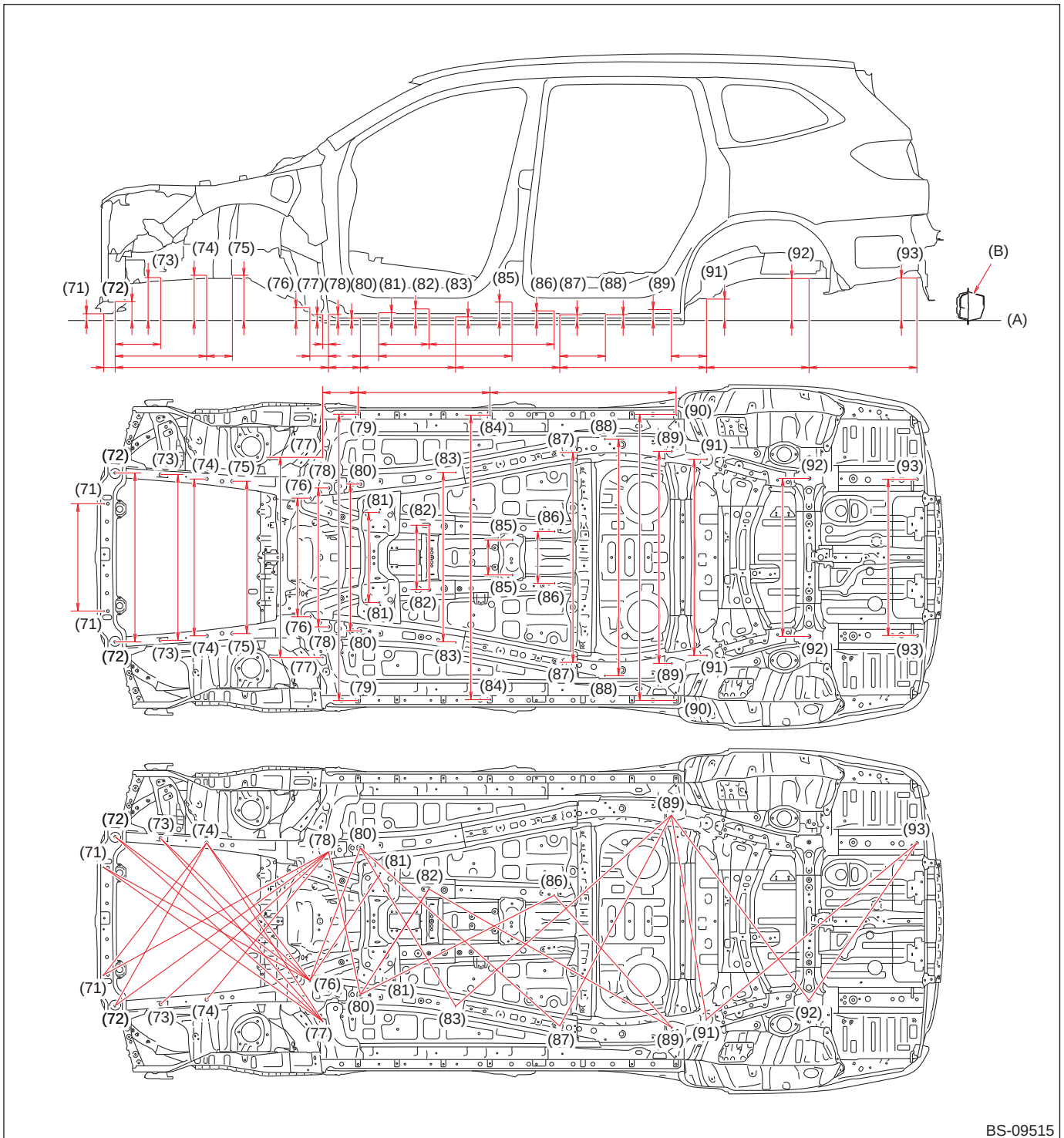


6. Body Reference Points

A: DIMENSIONS

1. LOWER SURFACE



- 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.

Body Reference Points

(A) Standard line

- (71) Bracket center lower mounting hole (symmetrical)
- (72) Sub frame mounting hole (symmetrical)
- (73) Gauge hole (symmetrical)
- (74) Front crossmember mounting hole (symmetrical), front side
- (75) Front crossmember mounting hole (symmetrical), rear side
- (76) Front arm plate mounting hole (symmetrical), inner side
- (77) Under cover rear mounting hole (symmetrical)
- (78) Sub frame mounting hole (symmetrical)

(B) Side sill outer panel

- (79) Garnish side mounting hole (symmetrical)
- (80) Sub frame mounting hole (symmetrical)
- (81) Crossmember upper mounting hole (symmetrical)
- (82) Transportation hole (symmetrical)
- (83) Clearance hole for bolt (symmetrical)
- (84) Garnish side mounting hole (symmetrical)
- (85) Center mounting mounting hole (symmetrical)
- (86) Brace floor center mounting hole (symmetrical)
- (87) Under cover rear mounting hole (symmetrical)
- (88) Gauge hole (symmetrical)
- (89) Support sub frame mounting hole (symmetrical)
- (90) Garnish side mounting hole (symmetrical)
- (91) Sub frame rear mounting hole (symmetrical)
- (92) Sub frame rear mounting hole (symmetrical)
- (93) Trailer hitch mounting hole (symmetrical)

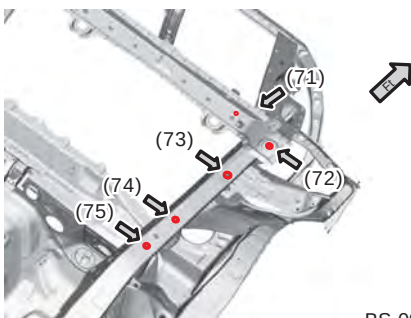
Measuring point	Datum dimension mm (in)	Projected dimensions mm (in)
Datum line — (71)	38 (1.50)	—
Datum line — (72)	105 (4.13)	—
Datum line — (73)	240 (9.45)	—
Datum line — (74)	253 (9.96)	—
Datum line — (75)	253 (9.96)	—
Datum line — (76)	73 (2.87)	—
Datum line — (77)	33 (1.30)	—
Datum line — (78)	34 (1.34)	—
Datum line — (80)	13 (0.51)	—
Datum line — (81)	44 (1.73)	—
Datum line — (82)	65 (2.56)	—
Datum line — (83)	21 (0.83)	—
Datum line — (85)	103 (4.06)	—
Datum line — (86)	54 (2.13)	—
Datum line — (87)	32 (1.26)	—
Datum line — (88)	33 (1.30)	—
Datum line — (89)	61 (2.40)	—
Datum line — (91)	120 (4.72)	—
Datum line — (92)	235 (9.25)	—
Datum line — (93)	237 (9.33)	—
(71) — (72)	64 (2.52)	—
(72) — (73)	254 (10.00)	—
(72) — (74)	511 (20.12)	—
(72) — (78)	1,192 (46.93)	—
(74) — (75)	144 (5.67)	—
(76) — (78)	104 (4.09)	—
(77) — (78)	33 (1.30)	—
(78) — (80)	179 (7.05)	—
(80) — (81)	103 (4.06)	—
(80) — (83)	532 (20.94)	—
(81) — (82)	281 (11.06)	—

Measuring point	Datum dimension mm (in)	Projected dimensions mm (in)
(81) — (85)	745 (29.33)	—
(82) — (86)	700 (27.56)	—
(83) — (87)	582 (22.91)	—
(87) — (88)	255 (10.04)	—
(87) — (91)	820 (32.28)	—
(89) — (91)	196 (7.72)	—
(91) — (92)	573 (22.56)	—
(92) — (93)	603 (23.74)	—
(77) — (79)	198 (7.80)	—
(79) — (84)	737 (29.02)	—
(84) — (90)	1,040 (40.94)	—
(71)R — (71)L	600 (23.62)	—
(72)R — (72)L	944 (37.17)	—
(73)R — (73)L	926 (36.46)	—
(74)R — (74)L	876 (34.49)	—
(75)R — (75)L	851 (33.50)	—
(76)R — (76)L	662 (26.06)	—
(77)R — (77)L	1,118 (44.02)	—
(78)R — (78)L	776 (30.55)	—
(79)R — (79)L	1,600 (62.99)	—
(80)R — (80)L	820 (32.28)	—
(81)R — (81)L	504 (19.84)	—
(82)R — (82)L	359 (14.13)	—
(83)R — (83)L	950 (37.40)	—
(84)R — (84)L	1,590 (62.60)	—
(85)R — (85)L	196 (7.72)	—
(86)R — (86)L	289 (11.38)	—
(87)R — (87)L	1,173 (46.18)	—
(88)R — (88)L	1,322 (52.05)	—
(89)R — (89)L	1,185 (46.65)	—
(90)R — (90)L	1,598 (62.91)	—

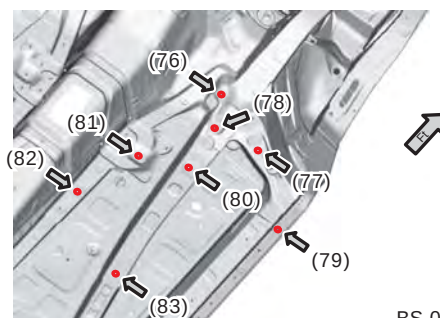
Body Reference Points

Measuring point	Datum dimension mm (in)	Projected dimensions mm (in)
(91)R — (91)L	1,096 (43.15)	—
(92)R — (92)L	883 (34.76)	—
(93)R — (93)L	873 (34.37)	—
(71)R — (74)L	960 (37.80)	936 (36.85)
(71)L — (76)R	1,314 (51.73)	1,313 (51.69)
(71)L — (77)R	1,495 (58.86)	1,495 (58.86)
(71)R — (78)L	1,432 (56.38)	1,432 (56.38)
(72)R — (74)L	1,054 (41.50)	1,044 (41.10)
(72)L — (76)R	1,352 (53.23)	1,352 (53.23)
(72)L — (77)R	1,553 (61.14)	1,551 (61.06)
(72)R — (78)L	1,471 (57.91)	1,469 (57.83)
(73)L — (76)R	1,163 (45.79)	1,151 (45.31)
(73)L — (77)R	1,381 (54.37)	1,365 (53.74)
(73)R — (78)L	1,283 (50.51)	1,266 (49.84)
(74)L — (76)R	978 (38.50)	961 (37.83)
(74)L — (77)R	1,209 (47.60)	1,189 (46.81)
(74)R — (78)L	1,092 (42.99)	1,070 (42.13)

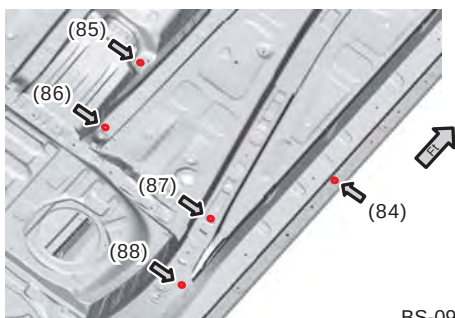
Measuring point	Datum dimension mm (in)	Projected dimensions mm (in)
(76)R — (80)L	795 (31.30)	793 (31.22)
(76)R — (81)L	699 (27.52)	699 (27.52)
(78)L — (80)R	818 (32.20)	818 (32.20)
(80)R — (82)L	705 (27.76)	703 (27.68)
(80)L — (83)R	1,033 (40.67)	1,033 (40.67)
(80)R — (86)L	1,217 (47.91)	1,217 (47.91)
(80)L — (87)R	1,495 (58.86)	1,495 (58.86)
(81)R — (82)L	515 (20.28)	515 (20.28)
(82)L — (89)R	1,559 (61.38)	1,559 (61.38)
(83)R — (89)L	1,611 (63.43)	1,610 (63.39)
(86)L — (89)R	986 (38.82)	986 (38.82)
(87)R — (89)L	1,334 (52.52)	1,334 (52.52)
(89)L — (91)R	1,159 (45.63)	1,157 (45.55)
(89)L — (92)R	1,300 (51.18)	1,289 (50.75)
(91)R — (93)L	1,538 (60.55)	1,533 (60.35)
(92)R — (93)L	1,065 (41.93)	1,065 (41.93)



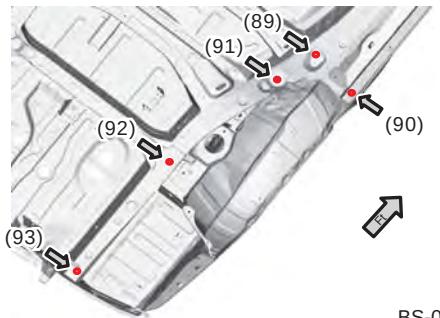
BS-09523



BS-09524



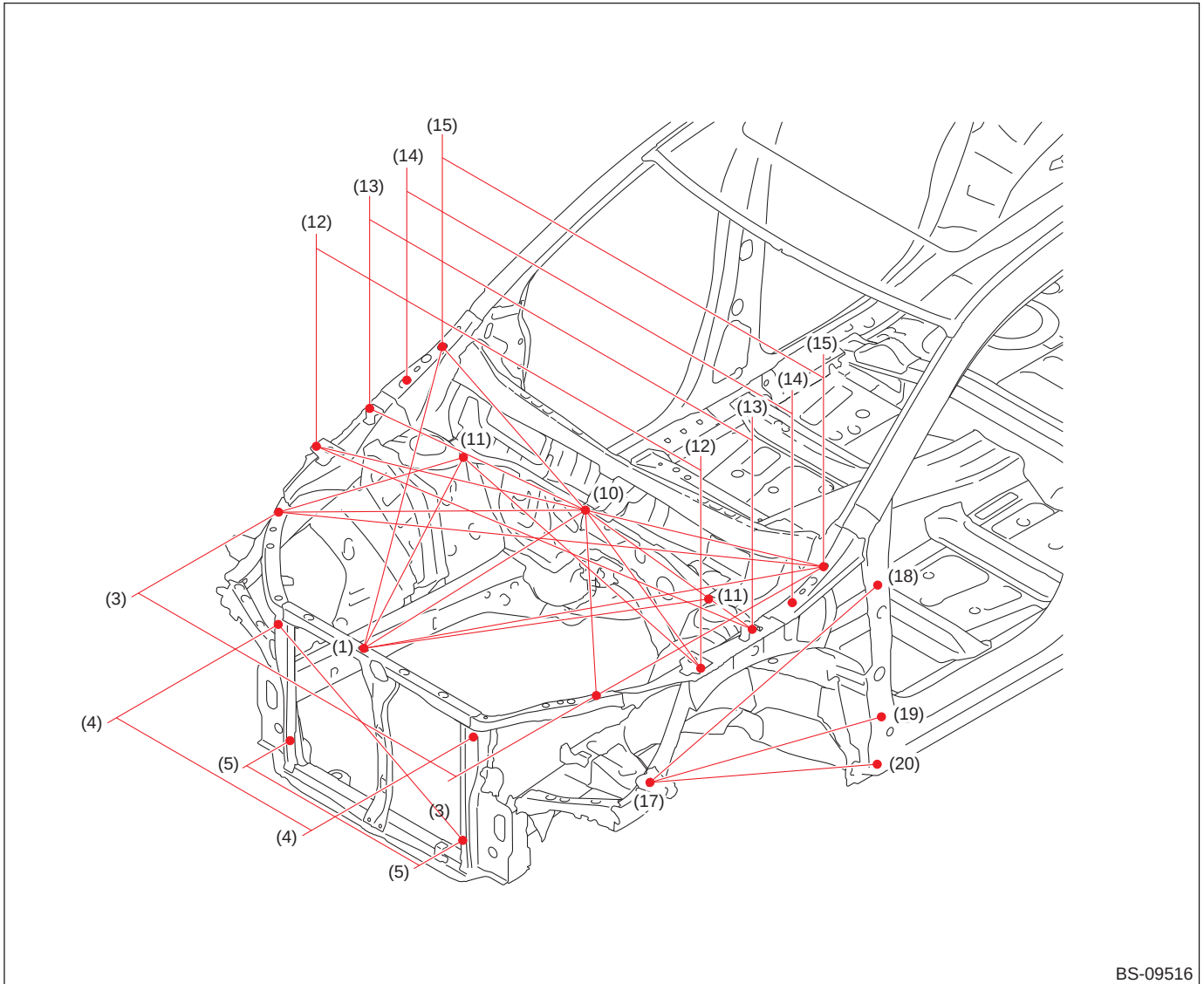
BS-09525



BS-09526

Body Reference Points

2. Front 1



BS-09516

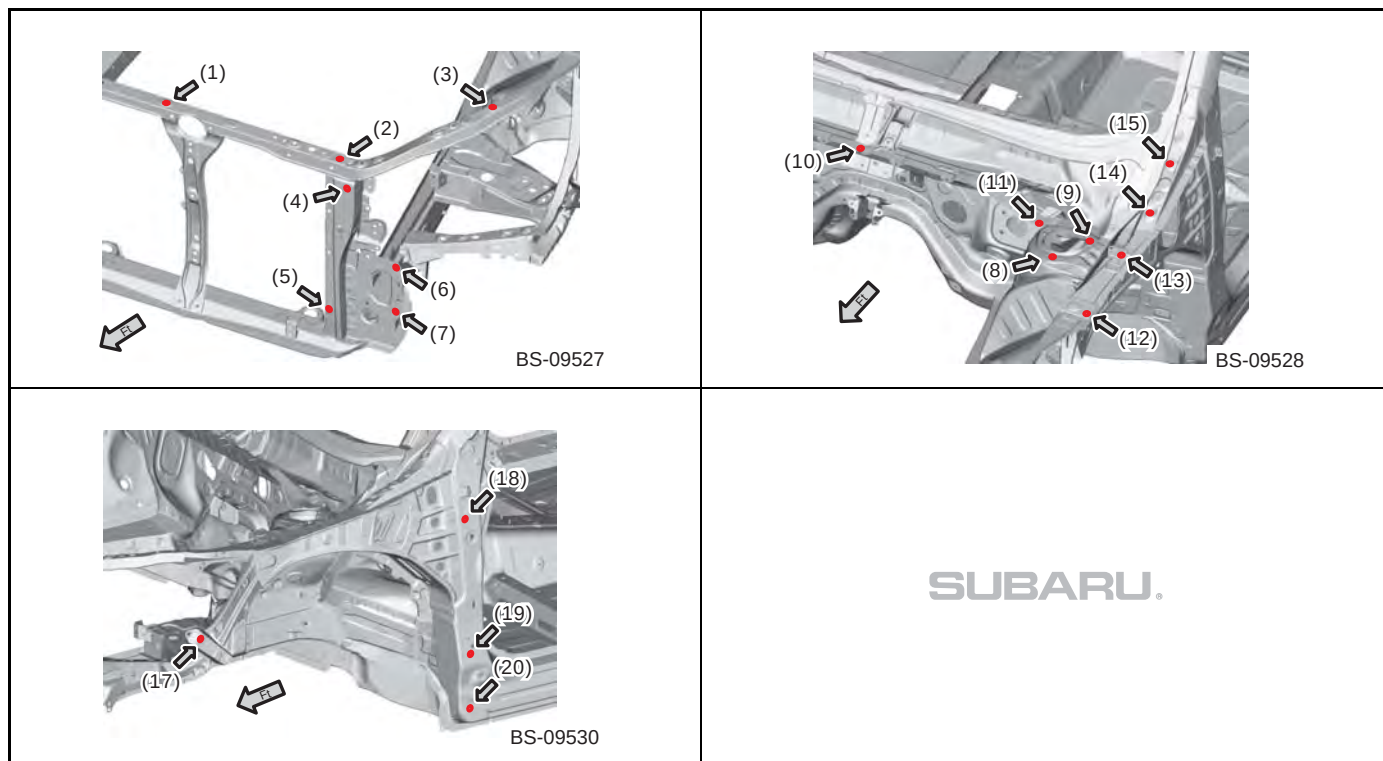
- | | | |
|---|---|---|
| (1) Duct air intake mounting hole (right side only) | (11) Cowl clip mounting hole (symmetrical) | (17) Fender mounting hole (symmetrical) |
| (3) Gauge hole (symmetrical) | (12) Headlight mounting hole (symmetrical) | (18) Front door hinge upper mounting hole (symmetrical), upper side |
| (4) Headlight mounting hole (symmetrical) | (13) Fender mounting hole (symmetrical) | (19) Front door hinge lower mounting hole (symmetrical), lower side |
| (5) BCL mounting hole (symmetrical) | (14) Gauge hole (symmetrical) | (20) Fender mounting hole (symmetrical), front side |
| (10) Gauge hole (right side only) | (15) Hood hinge mounting hole (symmetrical) | |

Body Reference Points

Measuring point	Datum dimension mm (in)
(1)R — (10)R	880 (34.65)
(1)R — (11)R	978 (38.50)
(1)R — (11)L	1,055 (41.54)
(1)R — (15)R	1,313 (51.69)
(1)R — (15)L	1,403 (55.24)
(3)R — (3)L	1,350 (53.15)
(3)R — (10)R	923 (36.34)
(3)L — (10)R	928 (36.54)
(3)R — (11)R	651 (25.63)
(3)R — (15)L	1,706 (67.17)
(3)L — (15)L	851 (33.50)
(4)R — (4)L	829 (32.64)
(4)R — (5)L	880 (34.65)
(5)R — (5)L	734 (28.90)
(10)R — (12)R	878 (34.57)

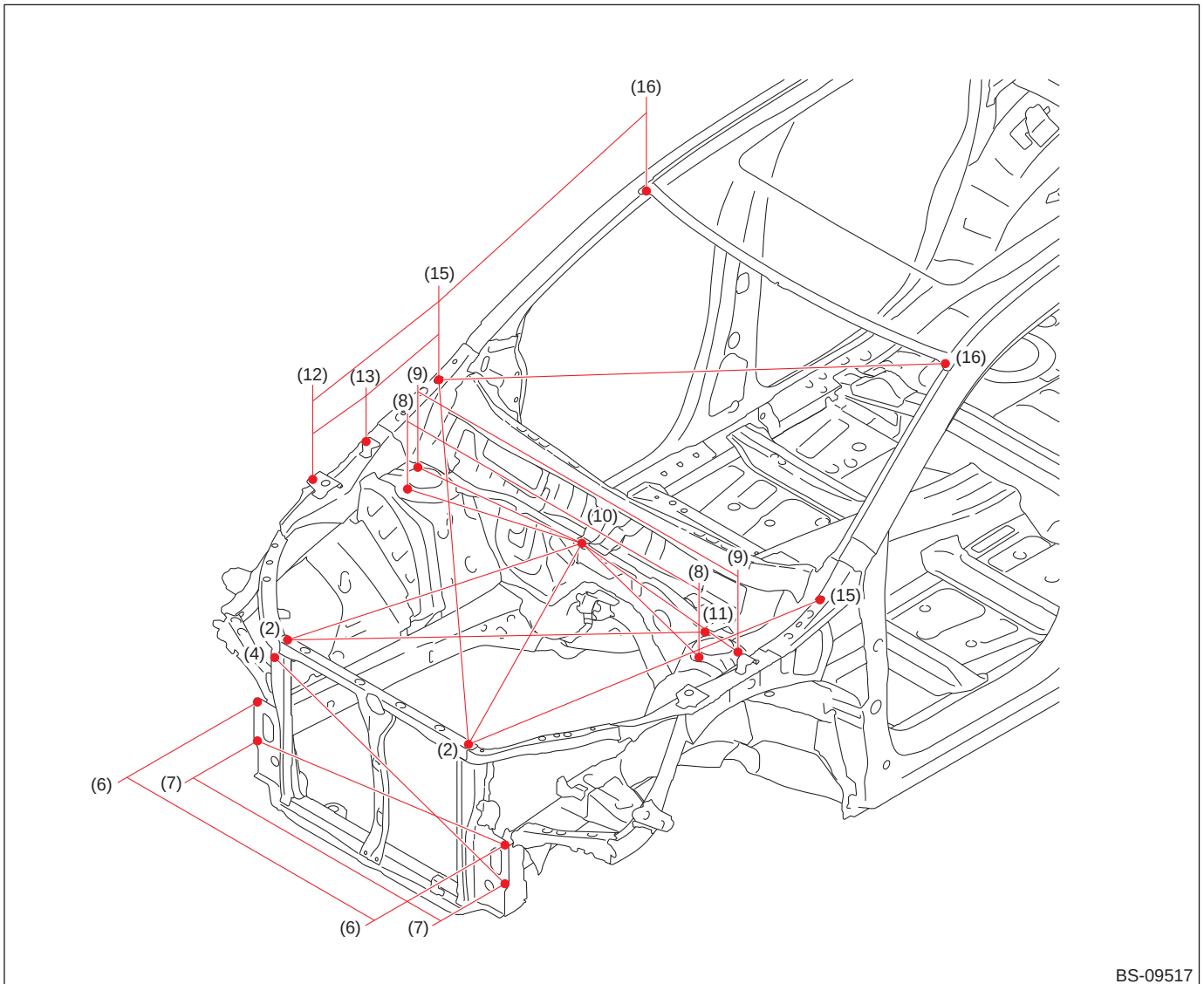
Measuring point	Datum dimension mm (in)
(10)R — (12)L	885 (34.84)
(10)R — (13)R	817 (32.17)
(10)R — (13)L	824 (32.44)
(10)R — (15)R	836 (32.91)
(10)R — (15)L	843 (33.19)
(11)R — (12)L	1,379 (54.29)
(12)R — (12)L	1,634 (64.33)
(12)R — (13)L	1,645 (64.76)
(13)R — (13)L	1,626 (64.02)
(14)R — (14)L	1,638 (64.49)
(15)R — (15)L	1,620 (63.78)
(17)L — (18)L	1,019 (40.12)
(17)L — (19)L	1,049 (41.30)
(17)L — (20)L	1,121 (44.13)

- Reference points (1) and (10) indicates a right side part. All other reference points indicate left-right symmetrical parts.
- The dimensions are the actual dimensions between the reference points.



Body Reference Points

3. Front 2



BS-09517

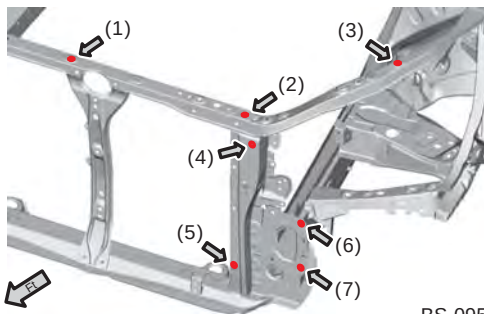
- | | | |
|---|--|--|
| (2) Bracket radiator upper mounting hole (symmetrical) | (9) Front suspension mounting hole (symmetrical), rear outside | (15) Hood hinge mounting hole (symmetrical) |
| (4) Headlight mounting hole (symmetrical) | (10) Gauge hole (right side only) | (16) Front glass installation reference hole (symmetrical) |
| (6) Front bumper beam mounting hole (symmetrical), upper side | (11) Cowl clip mounting hole (symmetrical) | |
| (7) Front bumper beam mounting hole (symmetrical), lower side | (12) Headlight mounting hole (symmetrical) | |
| (8) Front suspension mounting hole (symmetrical), front side | (13) Fender mounting hole (symmetrical) | |

Body Reference Points

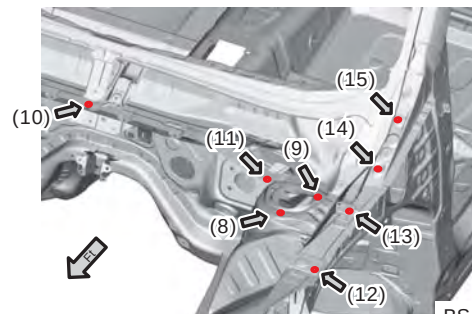
Measuring point	Datum dimension mm (in)
(2)R — (10)R	956 (37.64)
(2)L — (10)R	959 (37.76)
(2)R — (11)L	1,256 (49.45)
(2)L — (15)R	1,616 (63.62)
(2)L — (15)L	1,169 (46.02)
(4)R — (7)L	1,016 (40.00)
(6)R — (6)L	1,052 (41.42)
(6)L — (7)R	1,062 (41.81)
(7)R — (7)L	1,052 (41.42)
(8)R — (8)L	1,239 (48.78)

Measuring point	Datum dimension mm (in)
(8)R — (10)R	630 (24.80)
(8)L — (10)R	637 (25.08)
(9)R — (9)L	1,360 (53.54)
(9)R — (10)R	679 (26.73)
(9)L — (10)R	686 (27.01)
(12)R — (13)R	225 (8.86)
(12)R — (15)R	539 (21.22)
(13)R — (15)R	315 (12.40)
(15)R — (16)R	845 (33.27)
(15)R — (16)L	1,665 (65.55)

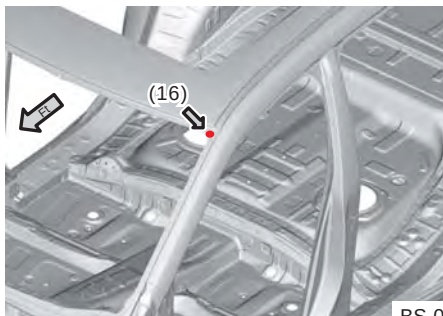
- Reference points (1) and (10) indicates a right side part. All other reference points indicate left-right symmetrical parts.
- The dimensions are the actual dimensions between the reference points.



BS-09527



BS-09528

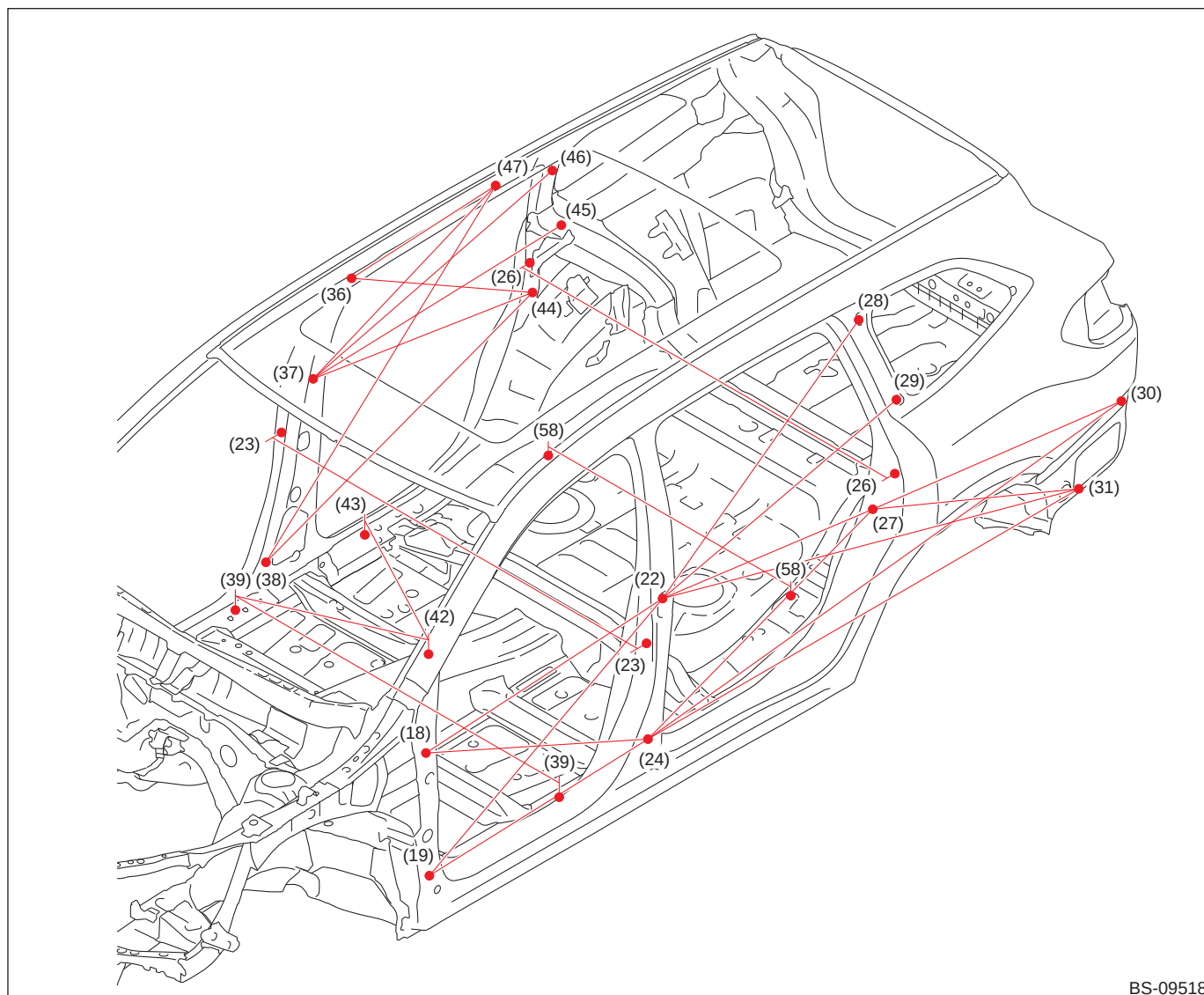


BS-09529

SUBARU.

Body Reference Points

4. INSIDE 1



BS-09518

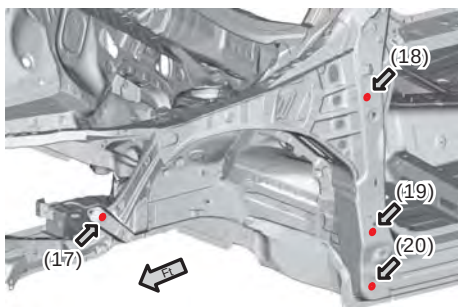
- | | | |
|---|--|---|
| (18) Front door hinge upper mounting hole (symmetrical), upper side | (29) Rear quarter glass mounting hole (symmetrical), front lower side | (43) Cover side sill mounting hole (symmetrical) |
| (19) Front door hinge lower mounting hole (symmetrical), lower side | (30) Rear bumper corner bracket mounting hole (symmetrical), rear side | (44) Apron trim mounting hole (symmetrical) |
| (22) Rear door hinge upper mounting hole (symmetrical), upper side | (31) Cover side lower mounting hole (symmetrical) | (45) C pillar trim mounting hole (symmetrical) |
| (23) Front door striker mounting hole (symmetrical), upper side | (36) Trim mounting hole (symmetrical) | (46) C pillar trim mounting hole (symmetrical) |
| (24) Rear door hinge lower mounting hole (symmetrical), front side | (37) Trim mounting hole (symmetrical) | (47) Air conditioner duct mounting hole (symmetrical) |
| (26) Rear door striker mounting hole (symmetrical), upper side | (38) Trim mounting hole (symmetrical) | (58) Second seat mounting hole (symmetrical) |
| (27) Rear door switch mounting hole (symmetrical) | (39) Floor mat mounting hole (symmetrical) | |
| (28) Rear quarter glass mounting hole (symmetrical), front upper side | (42) Bracket console mounting hole (symmetrical) | |

Body Reference Points

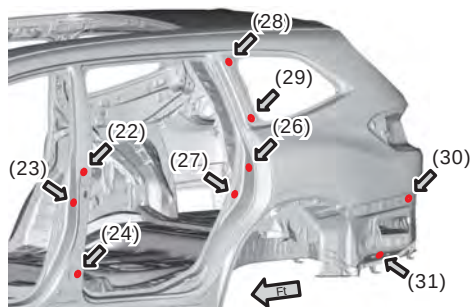
Measuring point	Datum dimension mm (in)
(18)L — (22)L	1,085 (42.72)
(18)L — (24)L	1,115 (43.90)
(19)L — (22)L	1,206 (47.48)
(19)L — (24)L	1,002 (39.45)
(22)L — (27)L	1,032 (40.63)
(22)L — (28)L	1,179 (46.42)
(22)L — (29)L	1,136 (44.72)
(22)L — (30)L	2,112 (83.15)
(22)L — (31)L	2,011 (79.17)
(23)R — (23)L	1,667 (65.63)
(24)L — (27)L	1,134 (44.65)
(24)L — (30)L	2,176 (85.67)
(24)L — (31)L	2,000 (78.74)
(26)R — (26)L	1,688 (66.46)

Measuring point	Datum dimension mm (in)
(27)L — (30)L	1,085 (42.72)
(27)L — (31)L	991 (39.02)
(36)R — (44)R	1,123 (44.21)
(36)R — (47)R	614 (24.17)
(37)R — (44)R	1,033 (40.67)
(37)R — (45)R	1,136 (44.72)
(37)R — (46)R	1,064 (41.89)
(37)R — (47)R	858 (33.78)
(38)R — (44)R	1,312 (51.65)
(38)R — (47)R	1,442 (56.77)
(39)R — (39)L	1,479 (58.23)
(39)R — (42)R	717 (28.23)
(42)R — (43)R	792 (31.18)
(58)R — (58)L	1,108 (43.62)

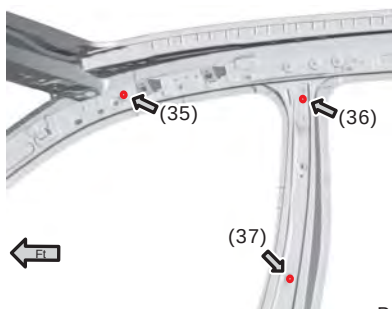
- All reference points are left-right symmetrical.
- The dimensions are the actual dimensions between the reference points.



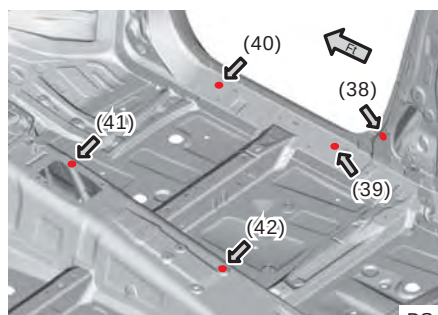
BS-09530



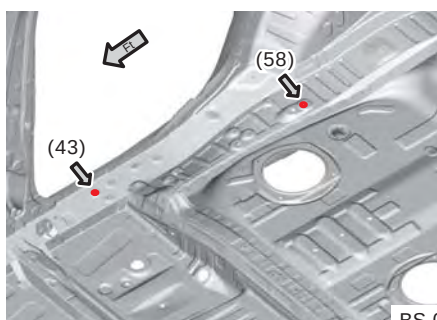
BS-09531



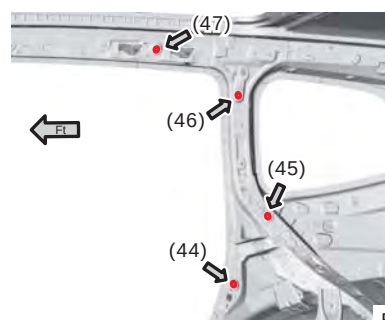
BS-09534



BS-09535



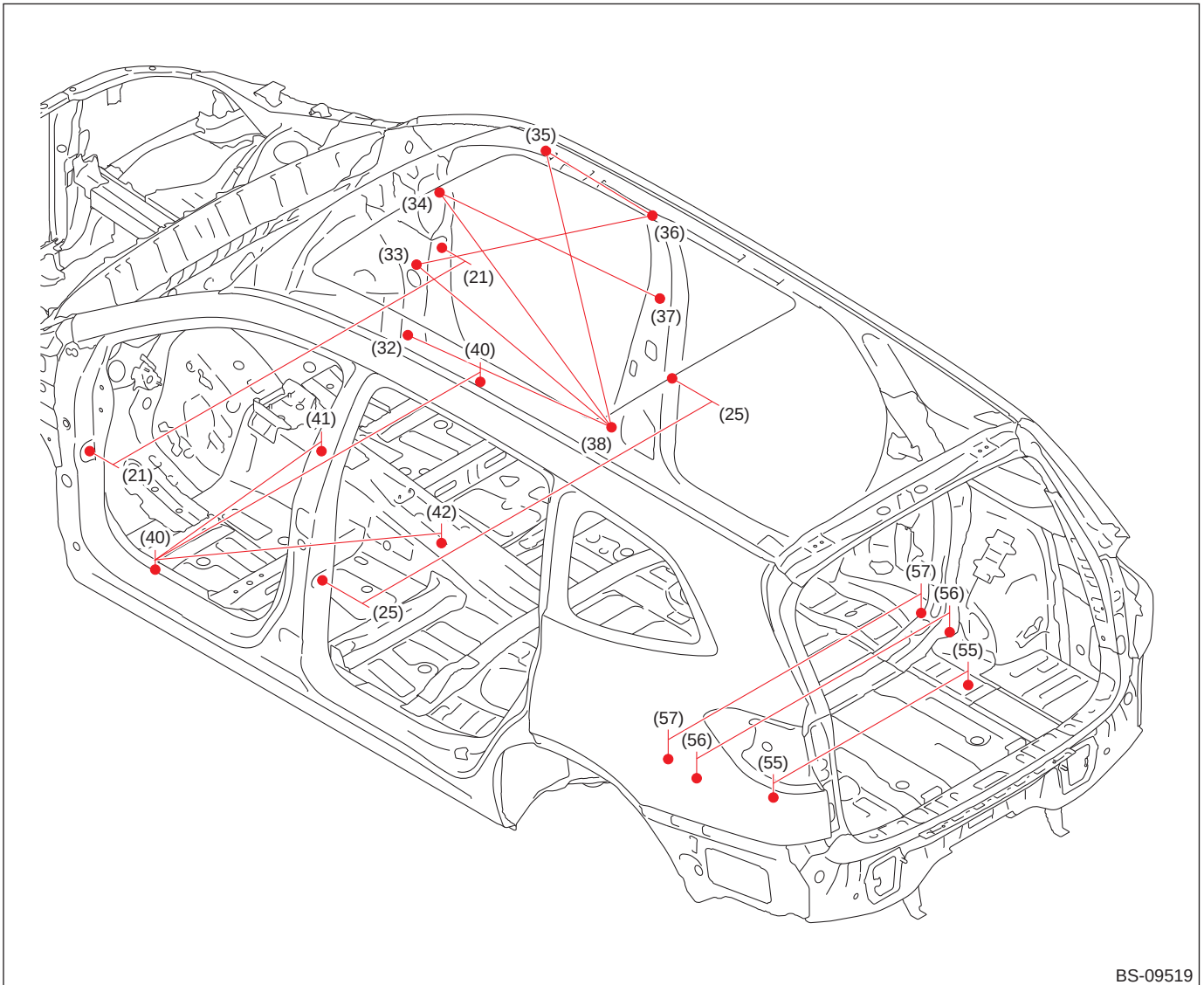
BS-09536



BS-09537

Body Reference Points

5. INSIDE 2



BS-09519

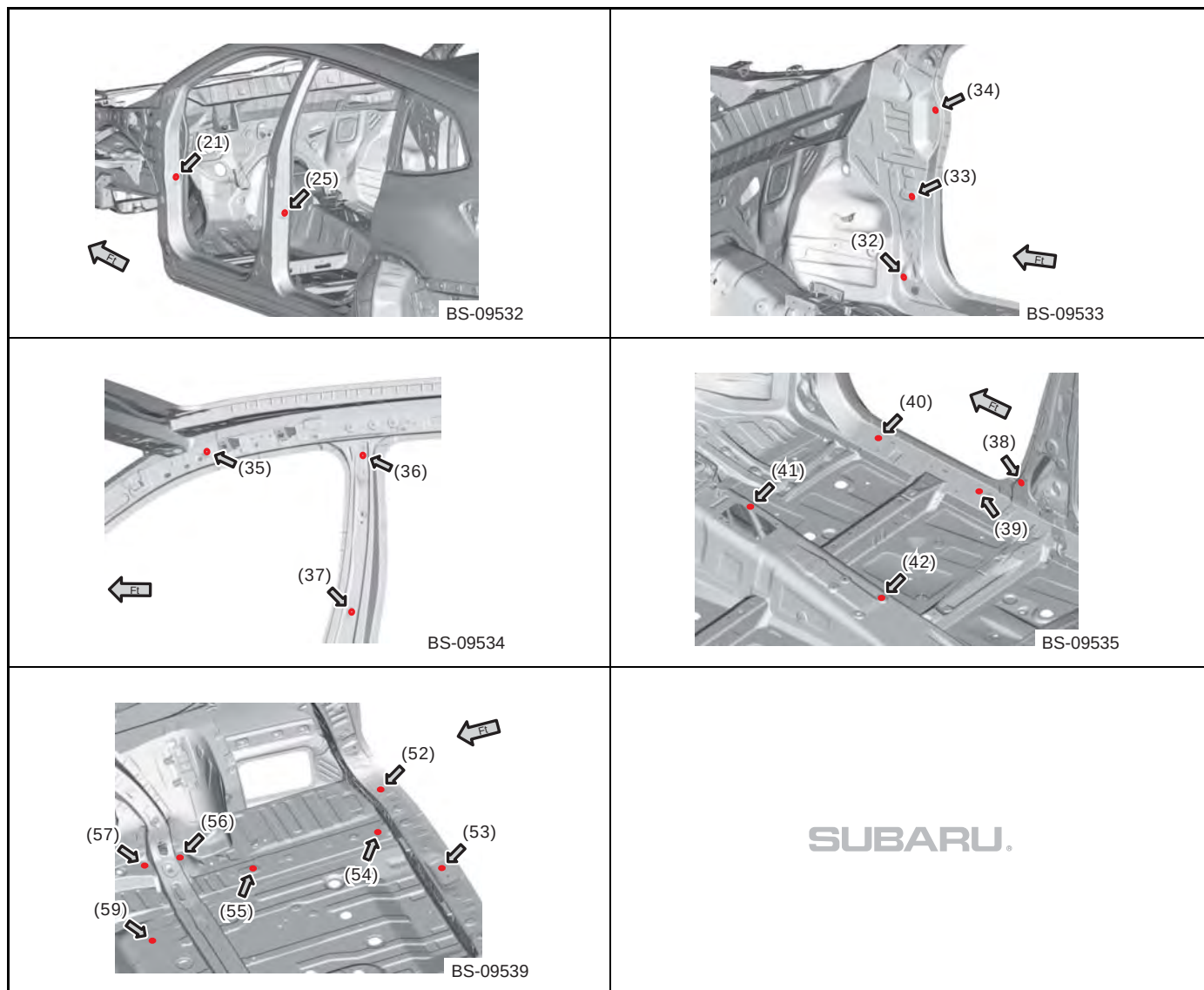
- | | | |
|--|--|--|
| (21) Front door checker mounting hole (symmetrical) | (36) Trim mounting hole (symmetrical) | (55) Third seat mounting hole (symmetrical) |
| (25) Rear door checker mounting hole (symmetrical) | (37) Trim mounting hole (symmetrical) | (56) Rear suspension mounting hole (symmetrical), rear side |
| (32) Ground mounting hole (symmetrical) | (38) Trim mounting hole (symmetrical) | (57) Rear suspension mounting hole (symmetrical), front side |
| (33) Harness Protector mounting hole (symmetrical), rear side | (40) Side sill trim clip mounting hole (symmetrical) | |
| (34) Steering support beam mounting hole (symmetrical), upper side | (41) Shift case mounting hole (symmetrical) | |
| (35) Pad A-pillar pad mounting hole (symmetrical) | (42) Bracket console mounting hole (symmetrical) | |

Body Reference Points

Measuring point	Datum dimension mm (in)
(21)R — (21)L	1,603 (63.11)
(25)R — (25)L	1,591 (62.64)
(32)R — (38)R	870 (34.25)
(33)R — (36)R	1,395 (54.92)
(33)R — (38)R	885 (34.84)
(34)R — (37)R	1,005 (39.57)
(34)R — (38)R	948 (37.32)
(35)R — (36)R	472 (18.58)

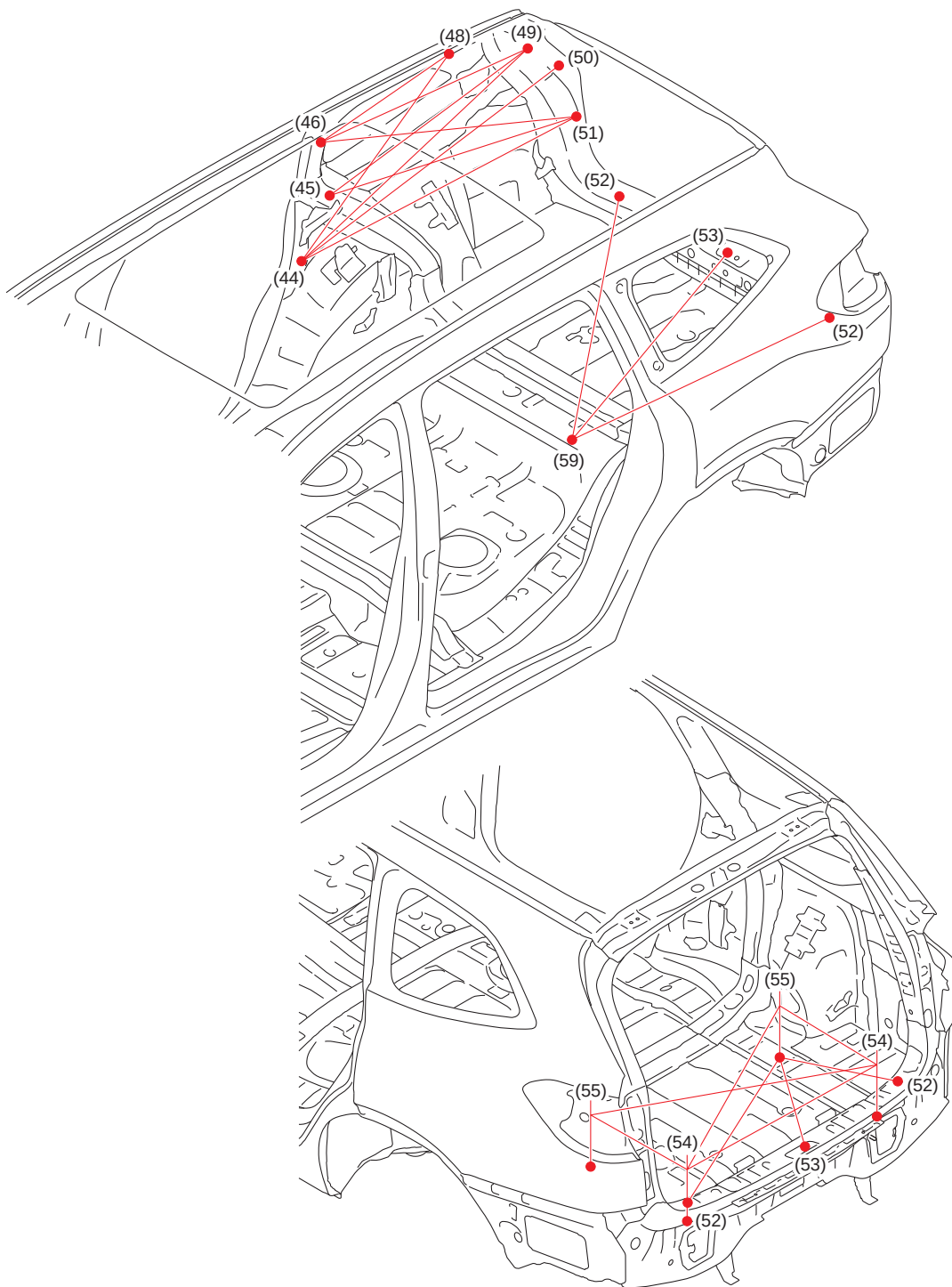
Measuring point	Datum dimension mm (in)
(35)R — (38)R	1,078 (42.44)
(40)R — (40)L	1,479 (58.23)
(40)L — (41)L	708 (27.87)
(40)L — (42)L	925 (36.42)
(55)R — (55)L	886 (34.88)
(56)R — (56)L	1,151 (45.31)
(57)R — (57)L	1,151 (45.31)

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



Body Reference Points

6. INSIDE & REAR



BS-09520

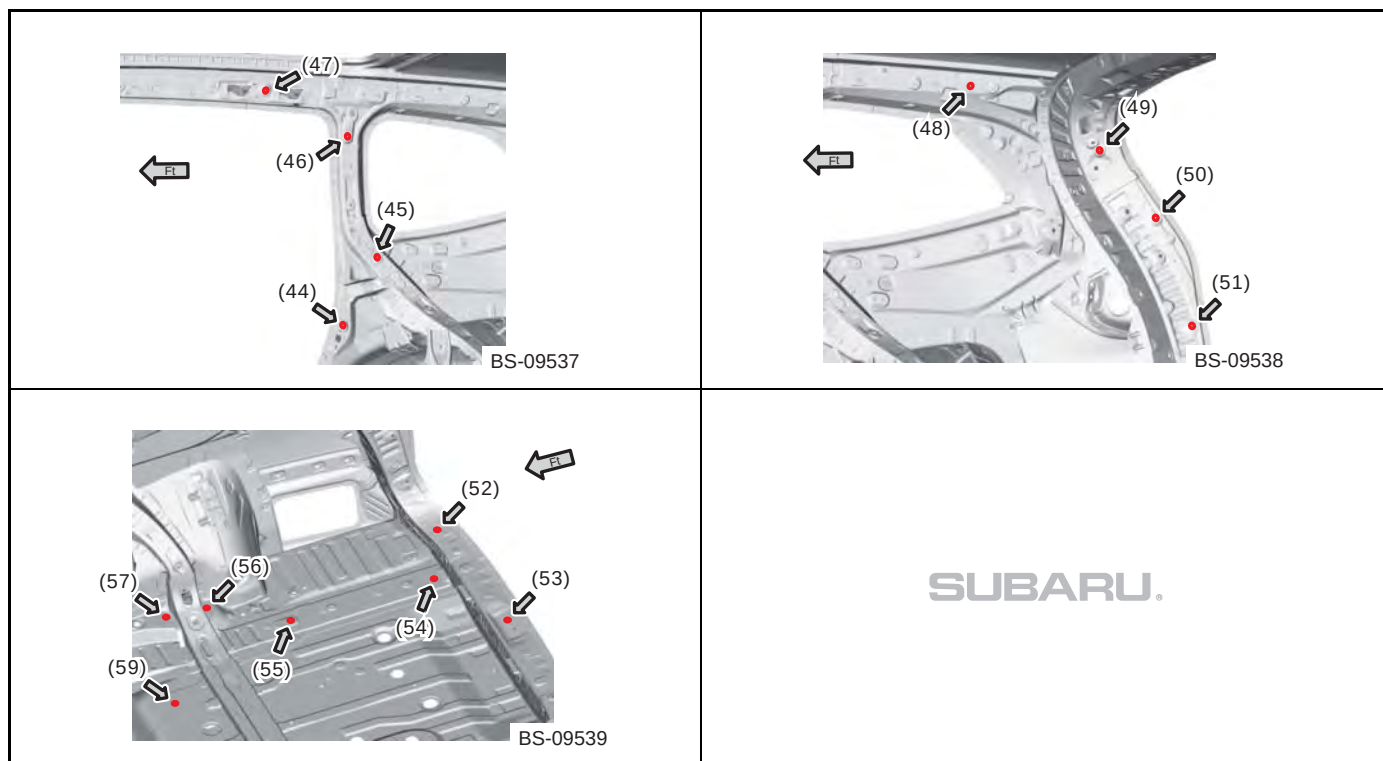
Body Reference Points

- | | | |
|--|--|---|
| (44) Apron trim mounting hole (symmetrical) | (50) D pillar trim mounting hole (symmetrical) | (54) Gauge hole (Only left side) L |
| (45) C pillar trim mounting hole (symmetrical) | (51) Apron trim mounting hole (symmetrical) | (55) Third seat mounting hole (symmetrical) |
| (46) C pillar trim mounting hole (symmetrical) | (52) Skirt trim mounting hole (symmetrical) | (59) Floor mat mounting hole (symmetrical) |
| (48) Curtain air bag mounting hole (symmetrical) | (53) Rear gate striker mounting hole (symmetrical) | |
| (49) D pillar trim mounting hole (symmetrical) | (54) Gauge hole (Only right side) R | |

Measuring point	Datum dimension mm (in)
(44)R — (48)R	871 (34.29)
(44)R — (49)R	1,031 (40.59)
(44)R — (50)R	1,106 (43.54)
(44)R — (51)R	1,148 (45.20)
(45)R — (49)R	829 (32.64)
(45)R — (51)R	1,032 (40.63)
(46)R — (48)R	551 (21.69)
(46)R — (49)R	894 (35.20)
(46)R — (51)R	1,252 (49.29)
(52)R — (55)R	523 (20.59)

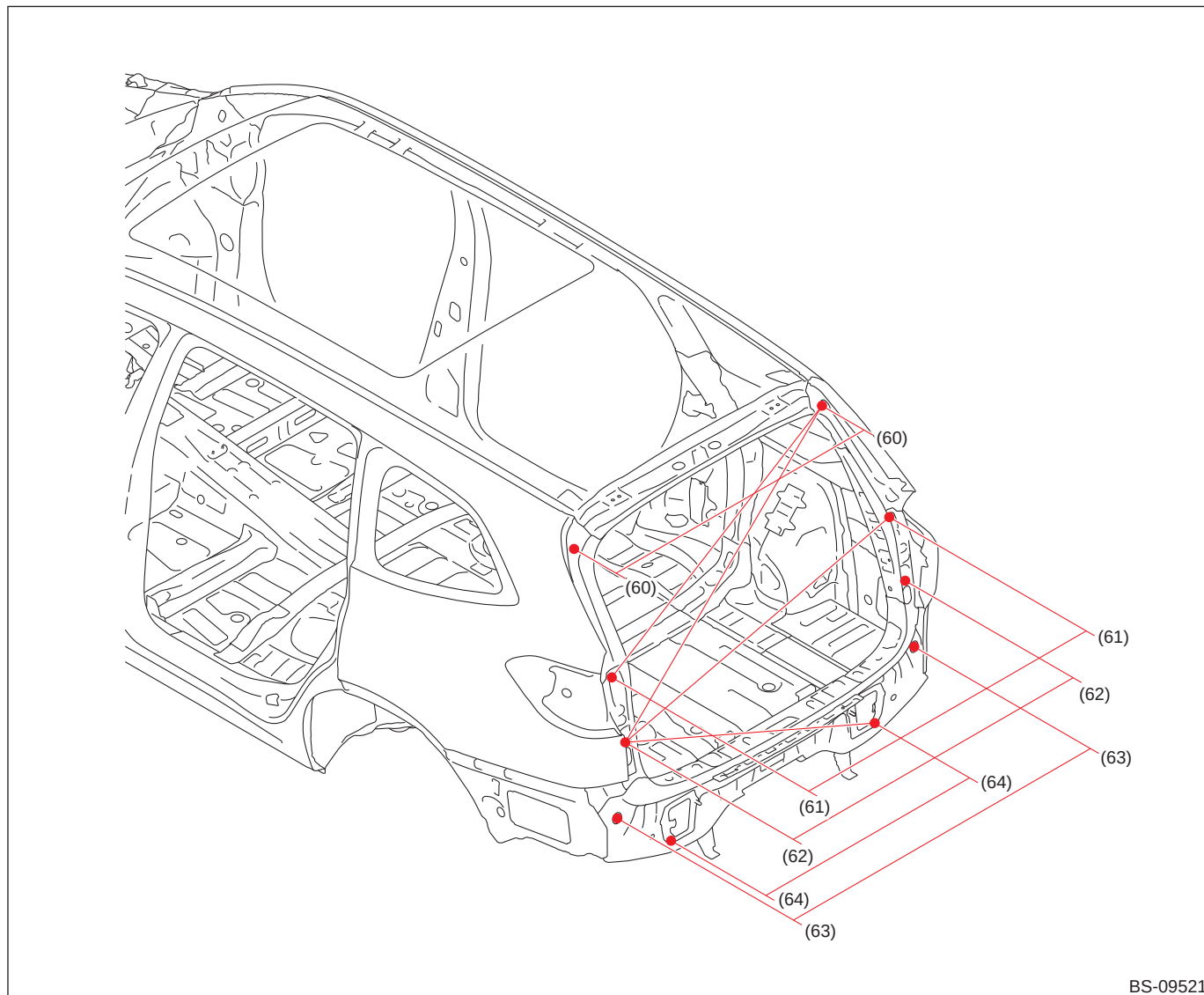
Measuring point	Datum dimension mm (in)
(52)L — (55)R	1,071 (42.17)
(52)R — (59)L	1,219 (47.99)
(52)L — (59)L	1,001 (39.41)
(53)R — (55)R	696 (27.40)
(53)R — (59)L	1,040 (40.94)
(54)R — (54)L	870 (34.25)
(54)R — (55)R	464 (18.27)
(54)R — (55)L	993 (39.09)
(54)L — (55)R	984 (38.74)
(54)L — (55)L	444 (17.48)

- The reference point (54) is the left-right asymmetry. All other reference points indicate left-right symmetrical parts.
- The dimensions are the actual dimensions between the reference points.



Body Reference Points

7. REAR



(60) Rear gate stay mounting hole (symmetrical), upper side

(61) Rear combination light mounting hole (symmetrical), upper side

(62) Buffer mounting hole (symmetrical), lower side

(63) Harness through hole (symmetrical)

(64) Rear bumper beam mounting hole (symmetrical)

Measuring point	Datum dimension mm (in)
(60)R — (60)L	1,172 (46.14)
(60)R — (61)L	1,319 (51.93)
(60)R — (62)L	1,418 (55.83)
(61)R — (61)L	1,312 (51.65)
(61)R — (62)L	1,339 (52.72)

Measuring point	Datum dimension mm (in)
(62)R — (62)L	1,323 (52.09)
(62)L — (64)R	1,238 (48.74)
(63)R — (63)L	1,404 (55.28)
(64)R — (64)L	963 (37.91)

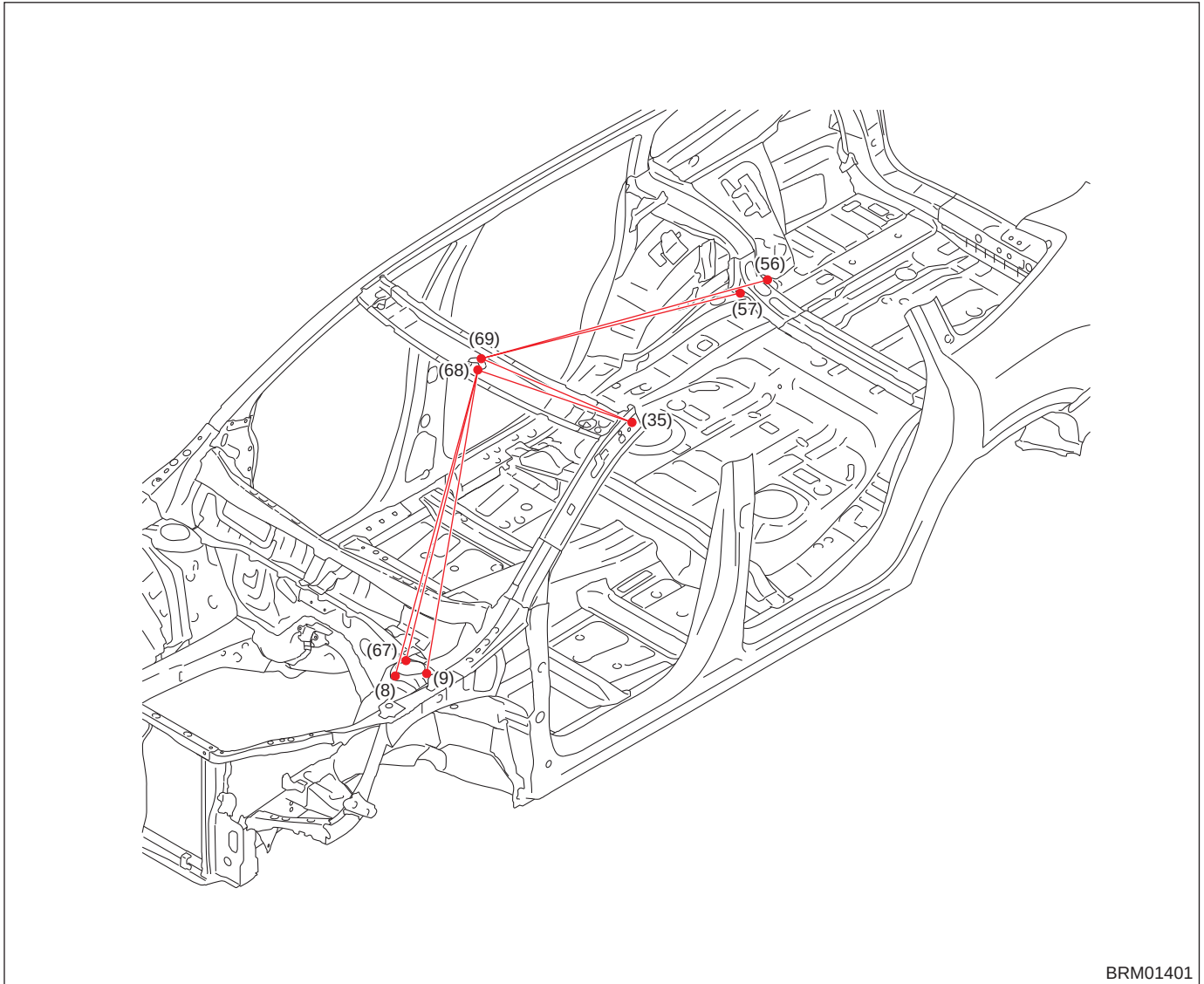
- All reference points are left-right symmetrical.
- The dimensions are the actual dimensions between the reference points.

Body Reference Points



Body Reference Points

8. FRONT ROOF RAIL (CAMERA PLATE)



BRM01401

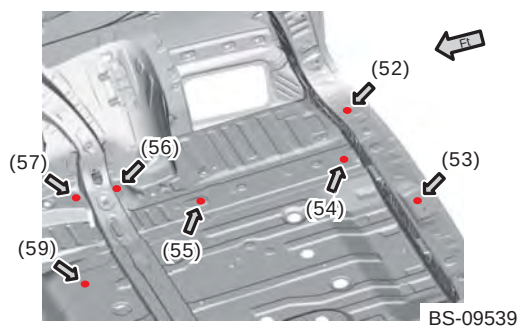
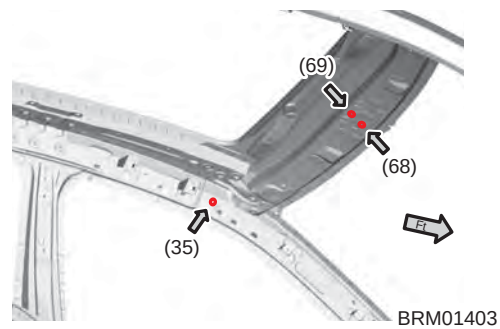
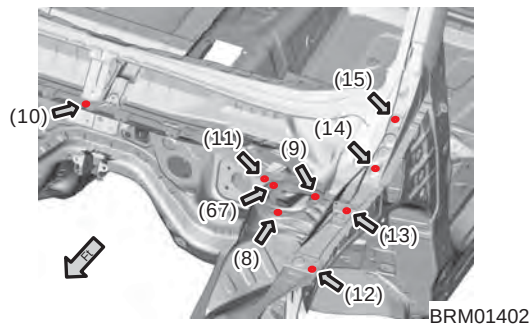
- | | | |
|--|--|---|
| (8) Front suspension mounting hole (symmetrical), front side | (56) Rear suspension mounting hole (symmetrical), rear side | (68) Stereo camera (camera plate) mounting hole (symmetrical), front side |
| (9) Front suspension mounting hole (symmetrical), rear outside | (57) Rear suspension mounting hole (symmetrical), front side | (69) Stereo camera (camera plate) mounting hole (body center), rear side |
| (35) Pad A-pillar pad mounting hole (symmetrical) | (67) Front suspension mounting hole (symmetrical), rear inside | |

Measuring point	Datum dimension mm (in)
(8)L — (68)L	1,320 (51.97)
(9)L — (68)L	1,272 (50.08)
(35)L — (68)L	644 (25.35)
(35)L — (69)	660 (25.98)

Measuring point	Datum dimension mm (in)
(56)R — (69)	2,330 (91.73)
(57)R — (69)	2,213 (87.13)
(67)L — (68)L	1,218 (47.95)

- Reference point (69) indicates a body center part. All other reference points indicate left-right symmetrical parts.
- The dimensions are the actual dimensions between the reference points.

Body Reference Points



SUBARU.