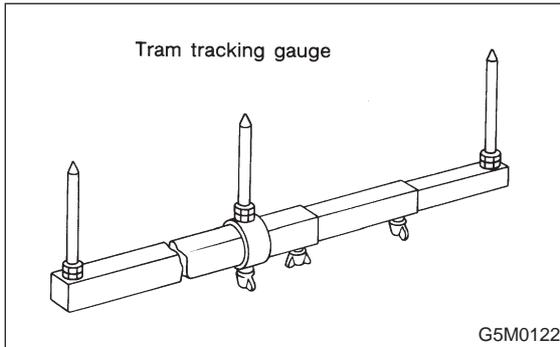# 3. Datum Dimensions

Use a tram tracking gauge to measure all dimensions. If a measuring tape is used, be extremely careful because it tends to deflect or twist, which results in a false reading.

NOTE:
● A suffix character "R" or "L" refers to the right or the left.
● All dimensions refer to the distance between the centers of holes measured in a straight line.
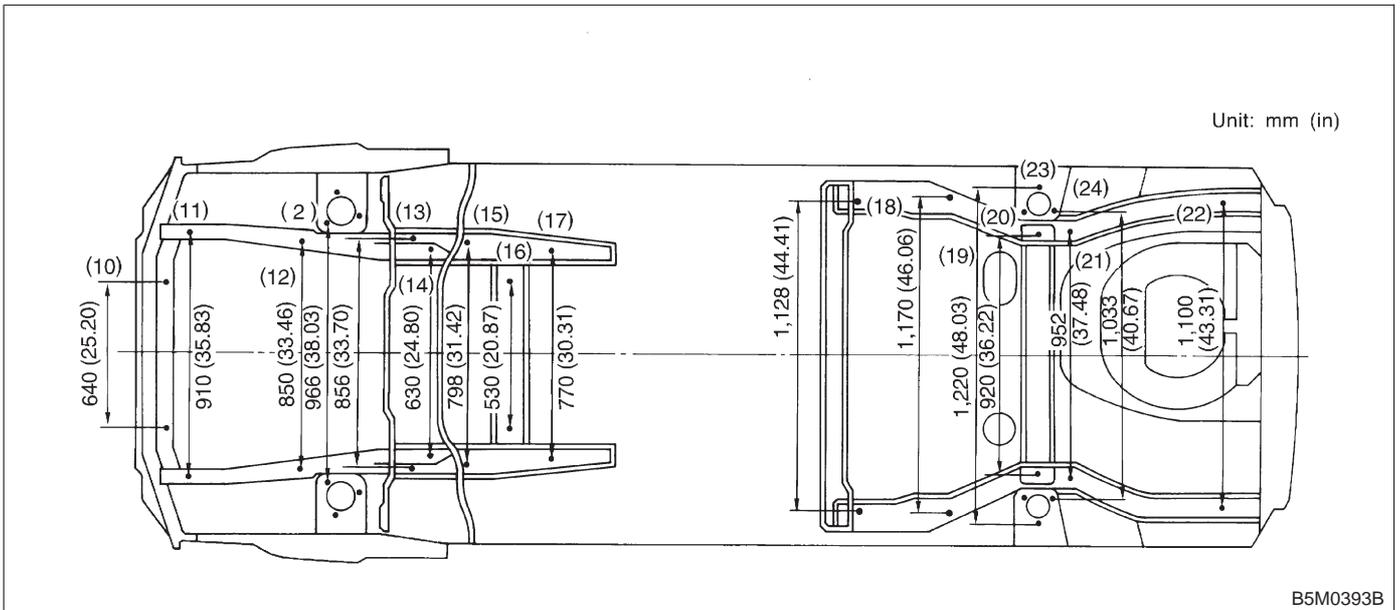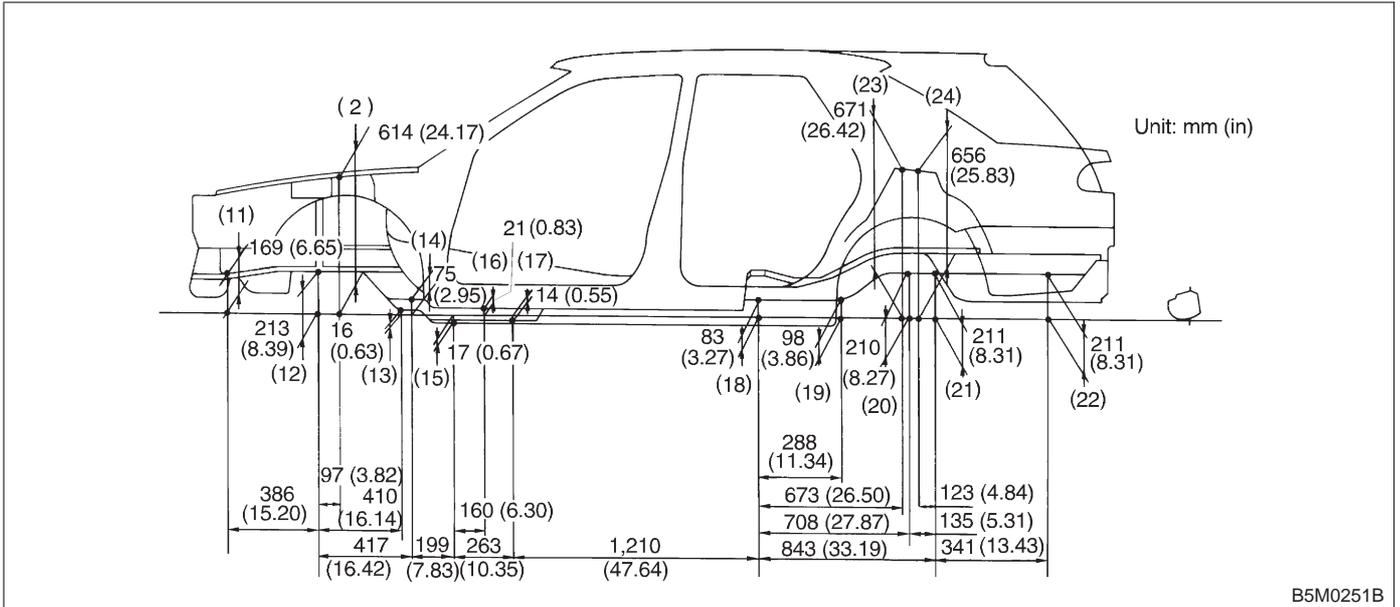● Each dimension indicates a projected dimension between hole centers.

A: FRONT STRUCTURE
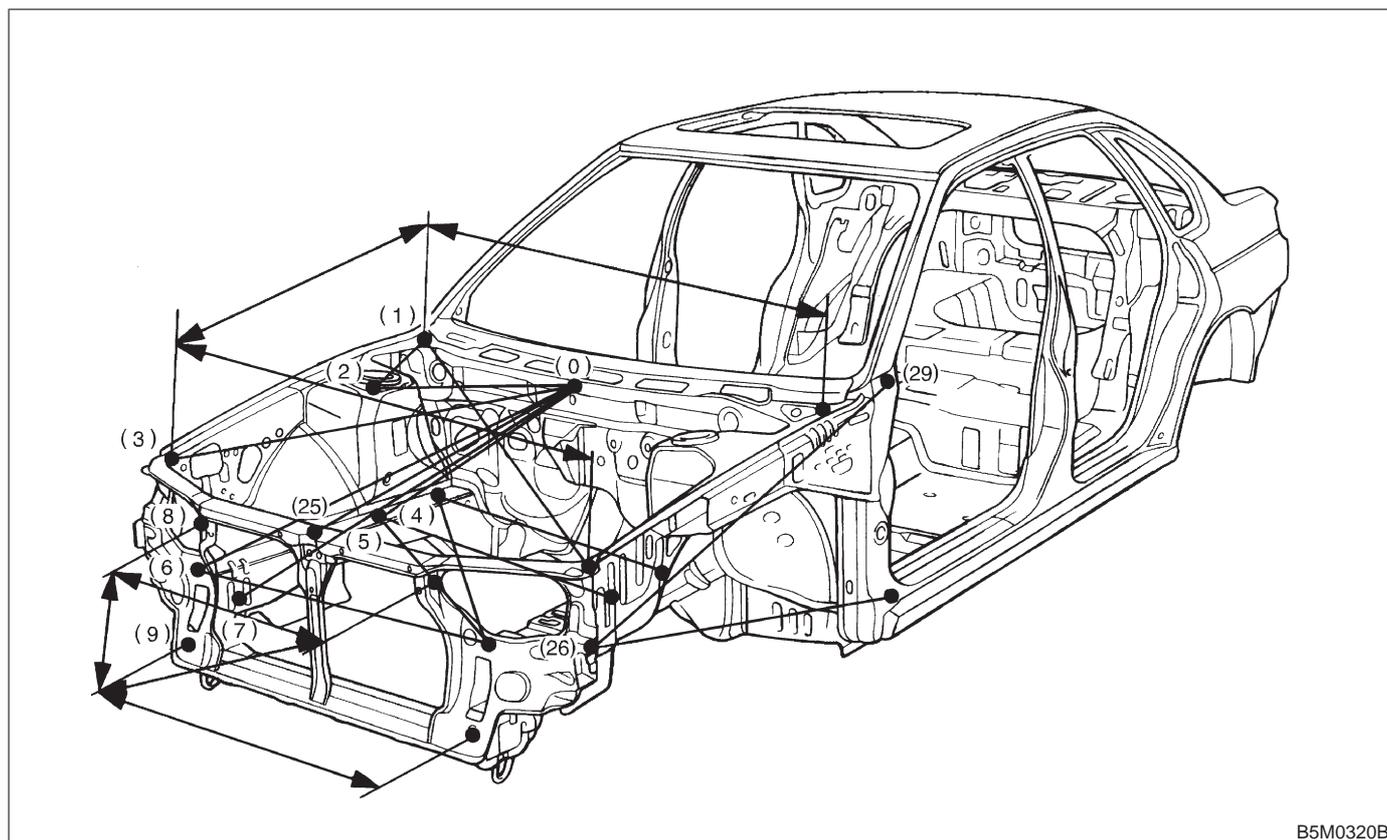
B5M0320B

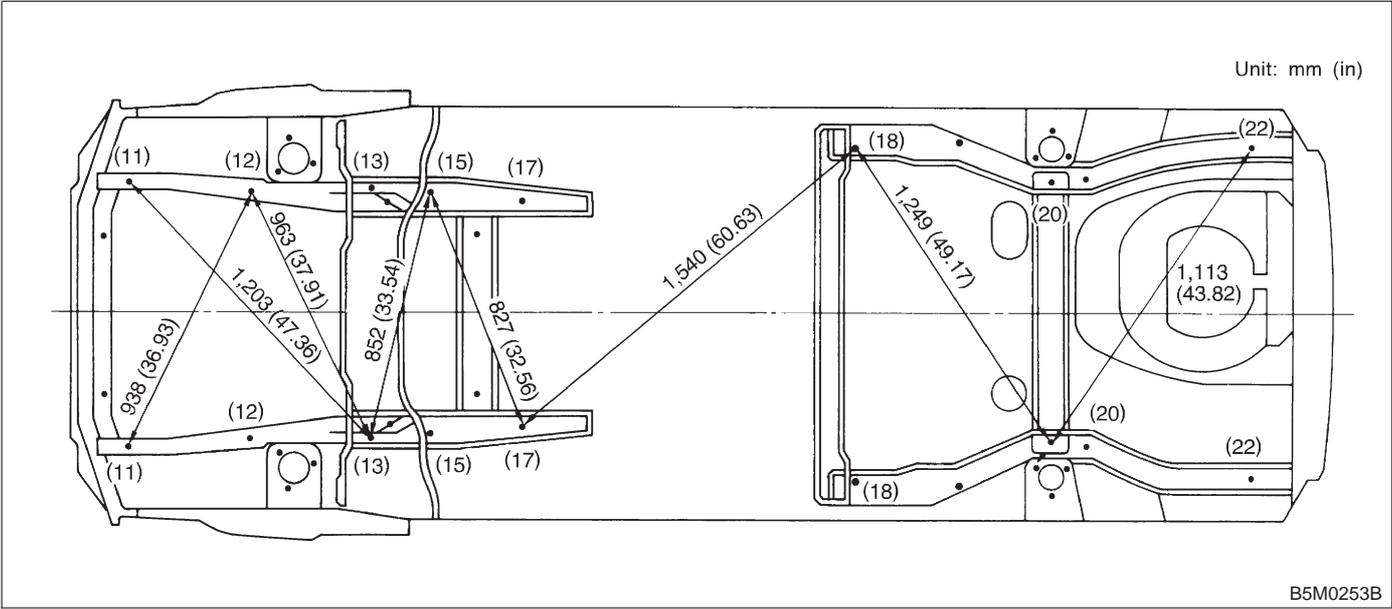| Point to point	Dimension	Point to point	Dimension
(0) to (2) RH	522 (20.55)	(1) RH to (3) RH	845 (33.27)
(0) to (2) LH	522 (20.55)	(1) LH to (3) LH	845 (33.27)
(0) to (6) RH	980 (38.58)	(8) RH to (8) RH	347 (13.66)
(0) to (6) LH	980 (38.58)	(8) LH to (8) LH	347 (13.66)
(0) to (7) RH	966 (38.03)	(1) RH to (1) LH	1,408 (55.43)
(0) to (7) LH	966 (38.03)	(1) RH to (3) LH	1,623 (63.90)
(0) to (3) RH	1,008 (39.68)	(3) RH to (1) LH	1,623 (63.90)
(0) to (3) LH	1,008 (39.68)	(3) RH to (3) LH	1,364 (53.70)
(0) to (25)	863 (33.98)	(4) RH to (4) LH	803 (31.61)
(1) RH to (2) RH	373 (14.69)	(9) RH to (9) LH	924 (36.38)
(1) LH to (2) LH	373 (14.69)	(9) RH to (8) LH	892 (35.12)
(2) RH to (2) LH	966 (38.03)	(8) RH to (9) LH	892 (35.12)
(5) RH to (5) LH	850 (33.46)	(8) RH to (8) LH	730 (28.74)
(5) RH to (6) LH	1,011 (39.80)	(26) RH to (29) LH	1,191 (46.89)
(6) RH to (5) LH	1,011 (39.80)	(26) LH to (29) RH	1,191 (46.89)
(6) RH to (6) LH	914 (35.98)	(26) RH to (27) LH	1,144 (45.04)
(4) RH to (6) LH	1,115 (43.90)	(26) LH to (27) RH	1,144 (45.04)
(6) RH to (4) LH	1,115 (43.90)		
Unit: mm (in)			

B: CENTER STRUCTURE

Unit: mm (in)

(2)
614 (24.17)
(11)
169 (6.65)
(14)
21 (0.83)
(16) (17)
75 (2.95)
14 (0.55)
213 (8.39)
(12)
16 (0.63)
(13)
17 (0.67)
(15)
83 (3.27)
(18)
98 (3.86)
(19)
210 (8.27)
(20)
211 (8.31)
(21)
211 (8.31)
(22)
(23)
671 (26.42)
(24)
656 (25.83)
288 (11.34)
97 (3.82)
386 (15.20)
410 (16.14)
160 (6.30)
673 (26.50)
708 (27.87)
123 (4.84)
135 (5.31)
417 (16.42)
199 (7.83)
263 (10.35)
1,210 (47.64)
843 (33.19)
341 (13.43)

B5M0251B

Unit: mm (in)

(10) 640 (25.20)
(11)
(2)
(13)
(15)
(17)
(12)
(14)
(16)
910 (35.83)
850 (33.46)
966 (38.03)
856 (33.70)
630 (24.80)
798 (31.42)
530 (20.87)
770 (30.31)
(23)
(24)
(18)
(20)
(22)
(19)
(21)
1,128 (44.41)
1,170 (46.06)
1,220 (48.03)
920 (36.22)
952 (37.48)
1,033 (40.67)
1,100 (43.31)

B5M0393B

Unit: mm (in)

B5M0253B

C: FRONT WINDSHIELD AND REAR WINDOW
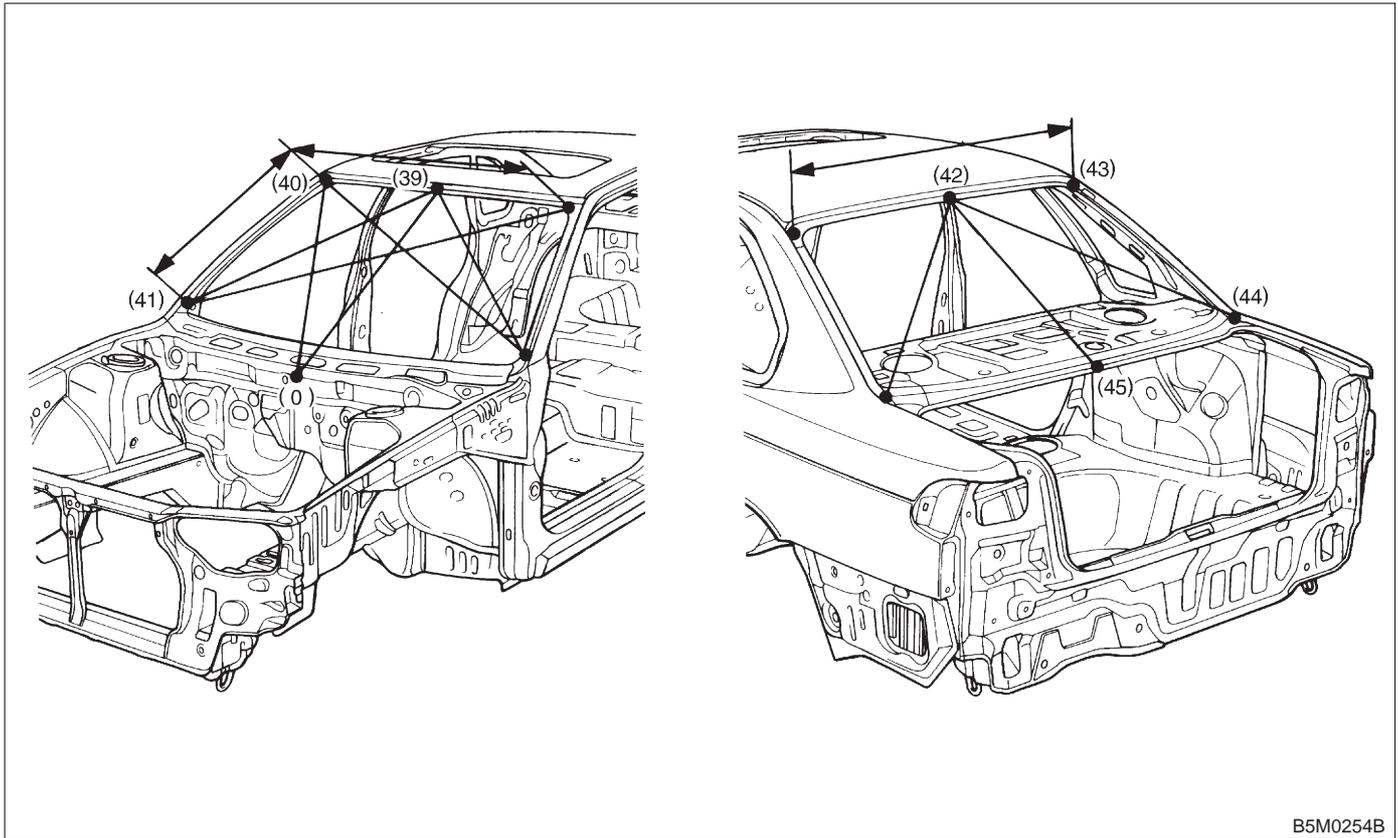
B5M0254B

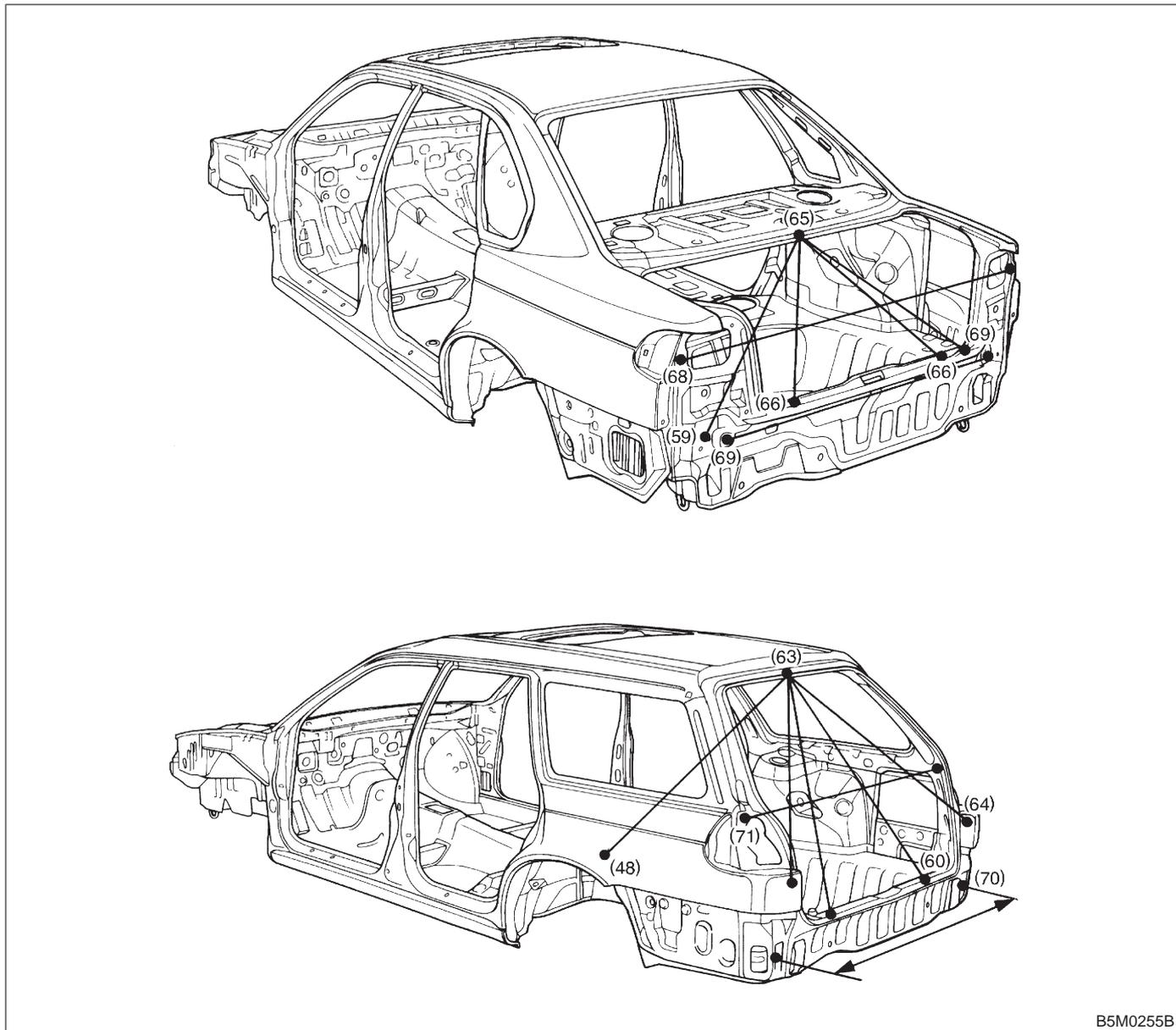| Point to point	Dimension	Point to point	Dimension
(0) to (39)	934 (36.77)	(40) RH to (41) RH	700 (27.56)
(0) to (40) RH	1,133 (44.61)	(40) LH to (41) LH	700 (27.56)
(0) to (40) LH	1,133 (44.61)	(41) RH to (41) LH	1,396 (54.96)
(39) to (41) RH	940 (37.01)	(42) to (44) RH	871 (34.29)
(39) to (41) LH	940 (37.01)	(42) to (44) LH	871 (34.29)
(40) RH to (40) LH	1,076 (42.36)	(42) to (45)	760 (29.92)
(40) RH to (41) LH	1,411 (55.55)	(43) RH to (43) LH	986 (38.82)
(41) RH to (40) LH	1,411 (55.55)	(44) RH to (44) LH	1,216 (47.87)
Unit: mm (in)			

D: DOORS
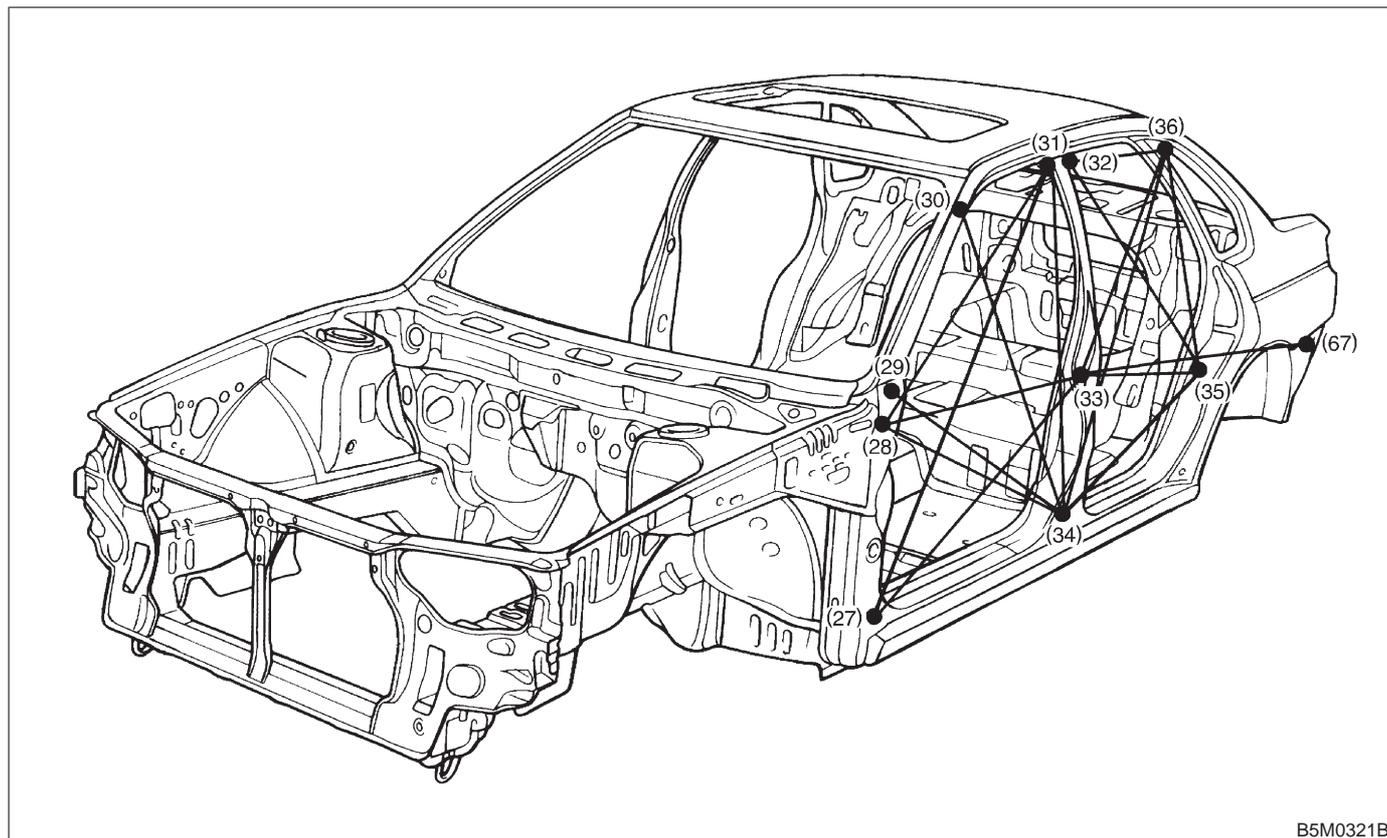
B5M0321B

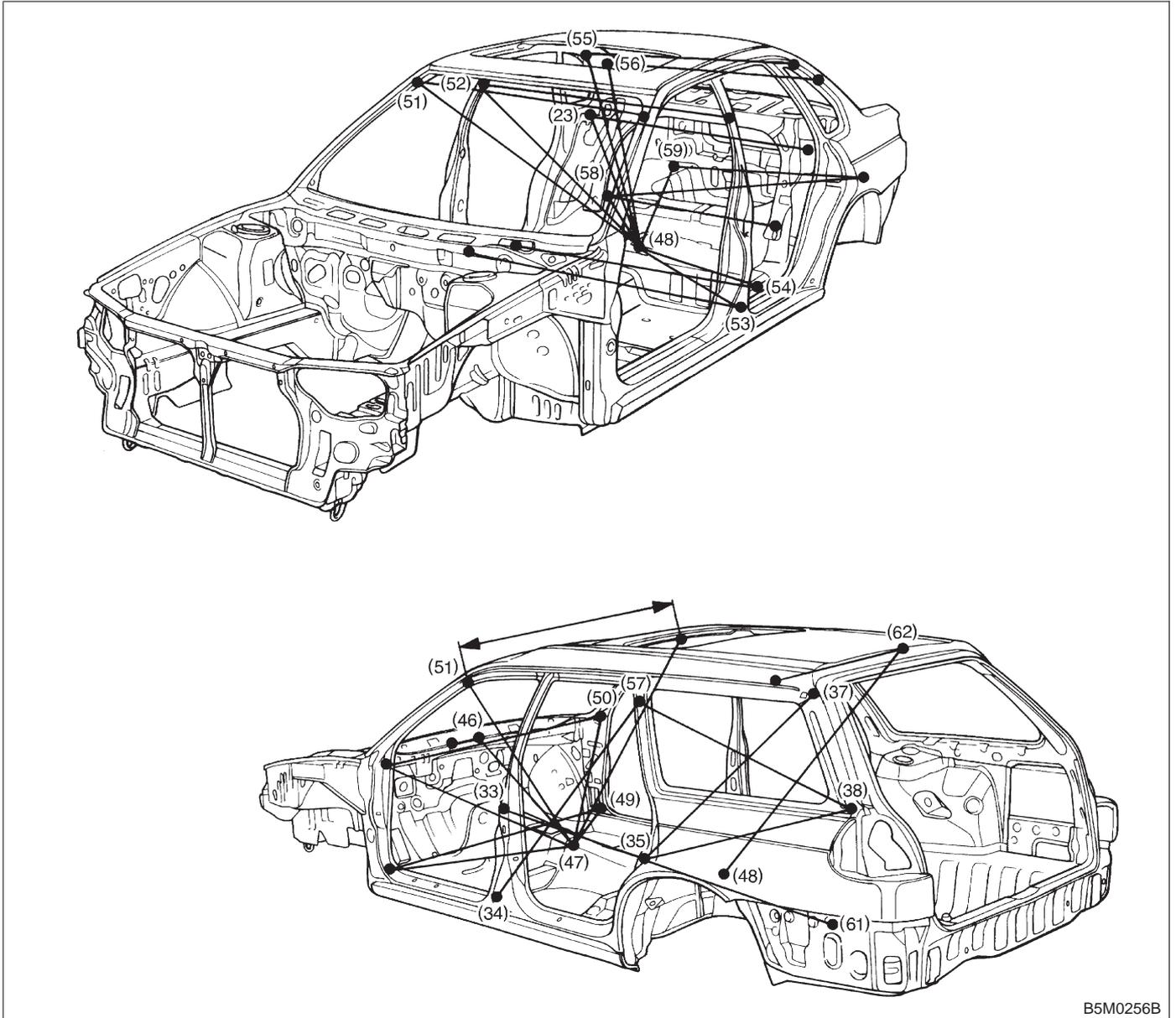| Point to point	Dimension	Point to point	Dimension
(27) RH to (31) RH	1,445 (56.89)	(30) LH to (34) LH	974 (38.35)
(27) LH to (31) LH	1,445 (56.89)	(31) RH to (34) RH	931 (36.65)
(27) RH to (33) RH	1,087 (42.80)	(31) LH to (34) LH	931 (36.65)
(27) LH to (33) LH	1,087 (42.80)	(34) RH to (35) RH	1,101 (43.35)
(27) RH to (34) RH	921 (36.26)	(34) LH to (35) LH	1,101 (43.35)
(27) LH to (34) LH	921 (36.26)	(34) RH to (36) RH	1,193 (46.97)
(28) RH to (31) RH	1,246 (49.06)	(34) LH to (36) LH	1,193 (46.97)
(28) LH to (31) LH	1,246 (49.06)	(32) RH to (35) RH	870 (34.25)
(28) RH to (33) RH	1,043 (41.06)	(32) LH to (35) LH	870 (34.25)
(28) LH to (33) LH	1,043 (41.06)	(33) RH to (35) RH	891 (35.08)
(28) RH to (34) RH	1,029 (40.51)	(33) LH to (35) LH	891 (35.08)
(28) LH to (34) LH	1,029 (40.51)	(35) RH to (36) RH	471 (18.54)
(29) RH to (34) RH	1,020 (40.16)	(35) LH to (36) LH	471 (18.54)
(29) LH to (34) LH	1,020 (40.16)	(33) RH to (67) RH	1,773 (69.80)
(30) RH to (34) RH	974 (38.35)	(33) LH to (67) LH	1,773 (69.80)
Unit: mm (in)			

E: TRUNK LID AND REAR GATE

B5M0255B

Point to point	Dimension	Point to point	Dimension
(68) RH to (68) LH	1,346 (52.99)	(64) RH to (64) LH	1,213 (47.76)
(69) RH to (69) LH	1,080 (42.52)	(63) to (64) RH	990 (38.98)
(65) to (59) RH	771 (30.35)	(63) to (64) LH	990 (38.98)
(65) to (59) LH	785 (30.91)	(63) to (60) RH	1,003 (39.49)
(65) to (66) RH	592 (23.31)	(63) to (60) LH	1,003 (39.49)
(65) to (66) LH	604 (23.78)	(60) RH to (64) LH	984 (38.74)
(48) to (60) RH	1,707 (67.20)	(60) LH to (64) RH	984 (38.74)
(48) to (60) LH	1,707 (67.20)	(71) RH to (71) LH	1,393 (54.84)
(48) to (63)	1,466 (57.72)	(70) RH to (70) LH	1,320 (51.97)
Unit: mm (in)			

F: COMPARTMENT

B5M0256B

Point to point	Dimension	Point to point	Dimension	Point to point	Dimension
(48) to (51) RH	1,315 (51.77)	(51) RH to (51) LH	1,148 (45.20)	(47) to (51) RH	992 (39.06)
(48) to (51) LH	1,315 (51.77)	(52) RH to (52) LH	1,153 (45.39)	(47) to (51) LH	998 (39.29)
(48) to (52) RH	1,033 (40.67)	(53) RH to (53) LH	1,534 (60.39)	(48) to (62) RH*	1,327 (52.24)
(48) to (52) LH	1,033 (40.67)	(54) RH to (54) LH	1,220 (48.03)	(48) to (62) LH*	1,327 (52.24)
(48) to (53) RH	866 (34.09)	(23) RH to (54) LH	1,520 (59.84)	(62) RH to (62) LH*	1,000 (39.37)
(48) to (53) LH	866 (34.09)	(23) LH to (54) RH	1,520 (59.84)	(35) RH to (37) RH*	805 (31.69)
(48) to (54) RH	612 (24.09)	(55) RH to (55) LH	1,307 (40.83)	(35) LH to (37) LH*	805 (31.69)
(48) to (54) LH	612 (24.09)	(56) RH to (56) LH	1,206 (47.48)	(35) RH to (38) RH*	928 (36.54)
(48) to (55) RH	1,120 (44.09)	(23) RH to (23) LH	1,210 (47.64)	(35) LH to (38) LH*	928 (36.54)
(48) to (55) LH	1,120 (44.09)	(58) RH to (58) LH	1,000 (39.37)	(49) RH to (49) LH*	1,399 (55.08)
(48) to (56) RH	1,201 (47.28)	(58) RH to (59) LH	1,435 (56.50)	(50) RH to (50) LH*	1,378 (54.25)
(48) to (56) LH	1,201 (47.28)	(59) RH to (58) LH	1,435 (56.50)	(34) RH to (57) RH*	1,207 (47.52)
(48) to (23) RH	1,065 (41.93)	(59) RH to (59) LH	1,115 (43.90)	(34) LH to (57) LH*	1,207 (47.52)
(48) to (23) LH	1,065 (41.93)	(47) to (46)	840 (33.07)	(35) RH to (57) RH*	461 (18.15)
(48) to (58) RH	747 (29.41)	(47) to (49) RH	905 (35.63)	(35) LH to (57) LH*	461 (18.15)
(48) to (58) LH	747 (29.41)	(47) to (49) LH	913 (35.94)	(33) RH to (61) RH*	1,773 (69.80)
(48) to (59) RH	1,621 (63.82)	(47) to (50) RH	981 (38.62)	(33) LH to (61) LH*	1,773 (69.80)
(48) to (59) LH	1,621 (63.82)	(47) to (50) LH	988 (38.90)		
Unit: mm (in) *: Wagon only					