

GROUP 2

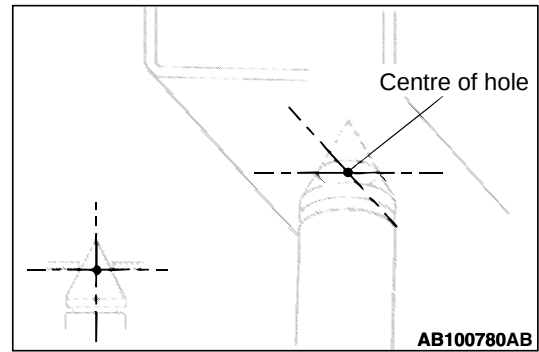
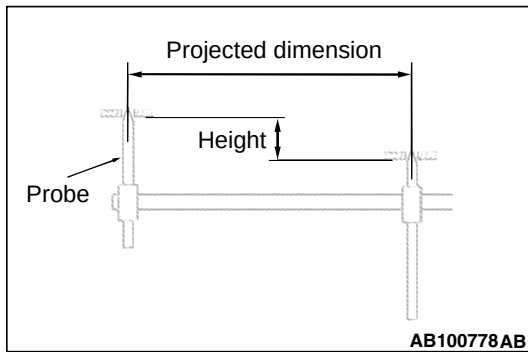
BODY DIMENSIONS

CONTENTS

BODY DIMENSIONS AND MEASUREMENT METHODS	2-2	TYPE B (ACTUAL-MEASUREMENT DIMENSIONS).....	2-8
TYPE A (PROJECTED DIMENSIONS)	2-4	UNDER BODY.....	2-8
UNDER BODY	2-4	SUSPENSION INSTALLATION DIMENSIONS	2-10
SUSPENSION INSTALLATION DIMENSIONS	2-6	FRONT BODY.....	2-12
		SIDE BODY.....	2-14
		REAR BODY	2-16
		INTERIOR	2-18

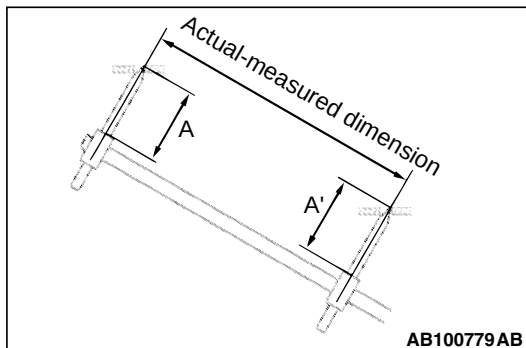
BODY DIMENSIONS AND MEASUREMENT METHODS

M4020001000318



1. Type A (projected dimensions)

- Indicates the dimension when a measurement location is projected onto the plane.
- The difference in height of the measurement points should be taken into consideration when measuring.
- The height indicates a distance from the assumed standard line established 100 mm below the lowest measurement point.



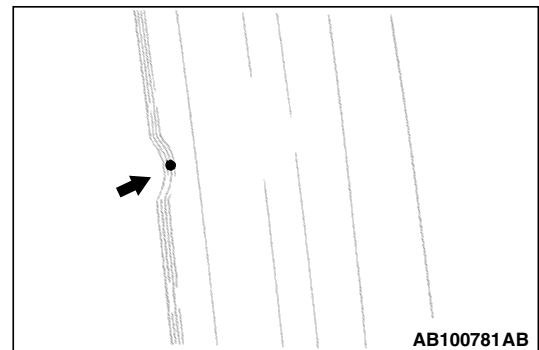
2. Type B (actual-measurement dimensions)

- Indicates the actual distance between the measurement points.
- Measure using a tracking gauge or a measuring tape, etc.

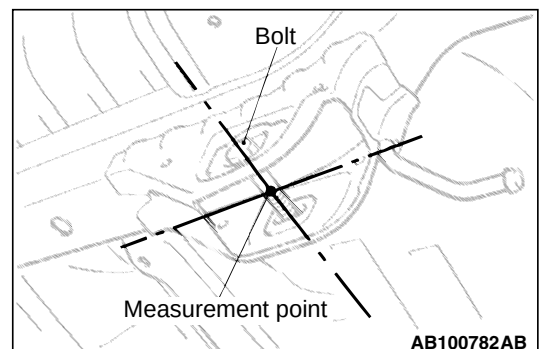
NOTE:

- Make the lengths of the tracking gauge probes the same ($A=A'$).
- Do not bend or twist the measuring tape.

- Insert the tracking gauge probes securely into the measurement holes.
- When the standard dimensions in the illustration are enclosed by rectangle, this indicates that the symmetrical left and right positions have the same dimensions.



- When using a notch for dimension measurement, set the measuring point at the centre of the notch.



- When measuring the suspension mounting arm, or link mounting position, use the suspension mounting bolt, etc. (Type B only)
- The body centre points are shown for the purpose of checking the position of the left and right symmetry location.

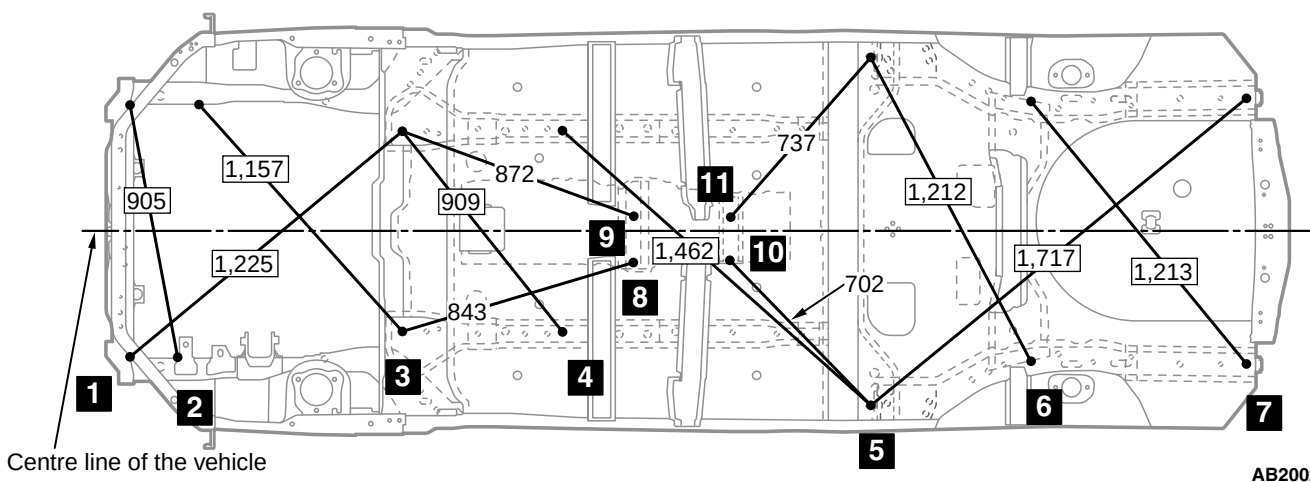
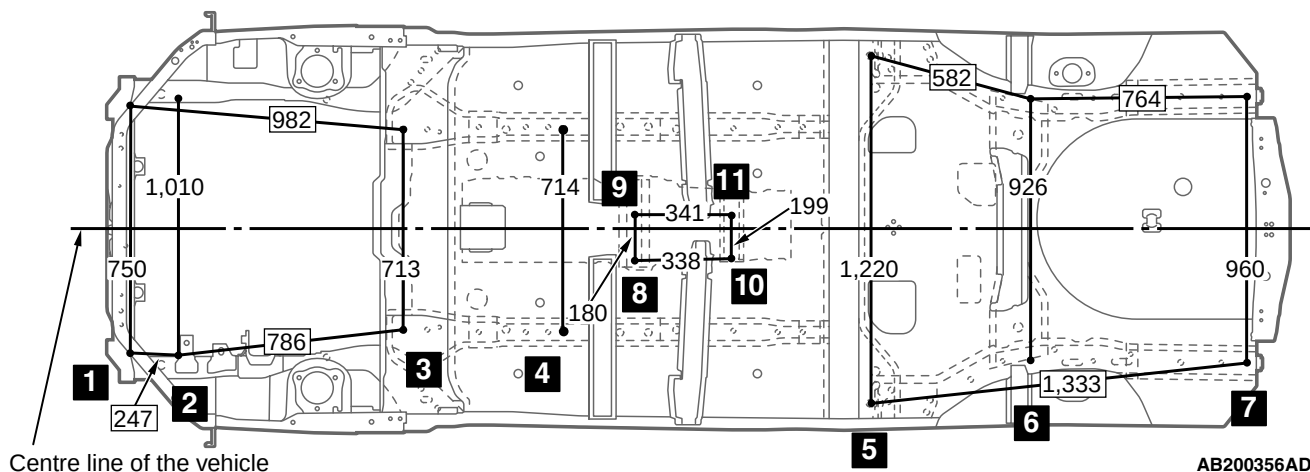
NOTES

TYPE A (PROJECTED DIMENSIONS)

UNDER BODY

M4020005000804

mm



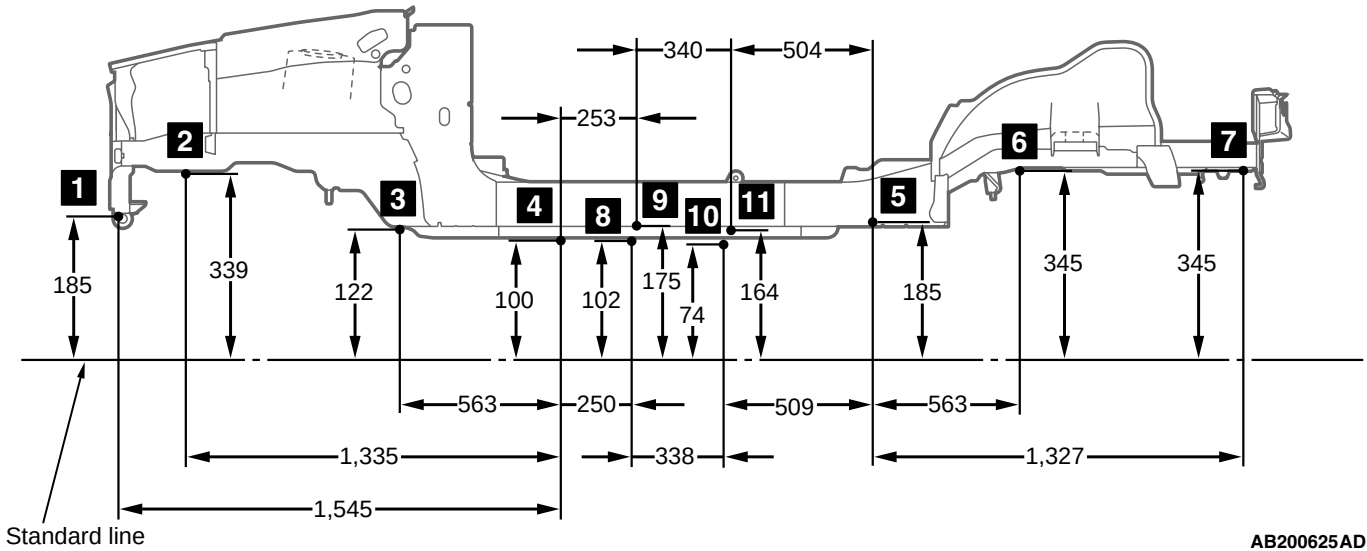
No.	Standard measurement point	Hole shape	Size mm
1*	Centre of under cover mounting hole	Round	8
2	Front sidemember inner notch	—	—
3*	Centre of crossmember mounting hole	Round	18
4*	Centre of front floor sidemember positioning hole	Round	25
5*	Centre of rear seat crossmember side water draining hole	Oblong	38 × 22
6	Centre of rear floor sidemember water draining hole	Round	16
7*	Centre of towing hook mounting hole	Round	15
8	Tip of centre bearing mounting bolt (4WD) (left-front side)	—	—
9	Tip of centre bearing mounting bolt (4WD) (right-front side)	—	—
10	Tip of centre bearing mounting bolt(4WD) (left-rear side)	—	—
11	Tip of centre bearing mounting bolt (4WD) (right-rear side)	—	—

NOTE: The * mark indicates the mounting position for the frame centring gauge.

BODY DIMENSIONS **TYPE A (PROJECTED DIMENSIONS)**

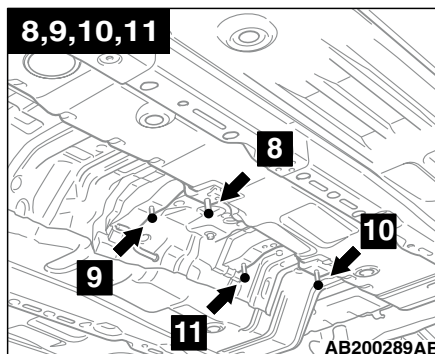
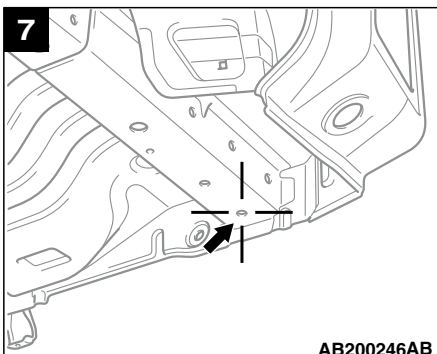
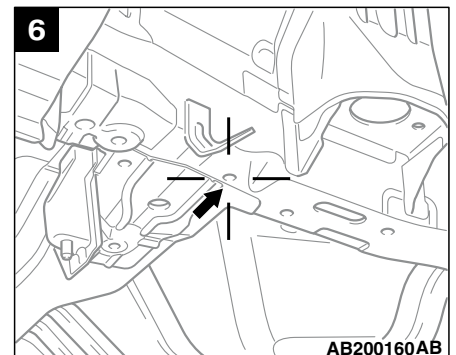
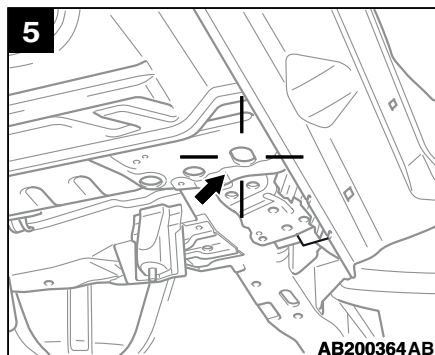
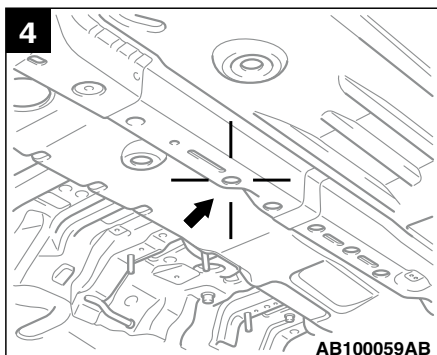
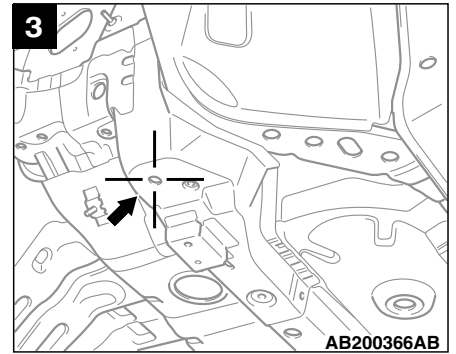
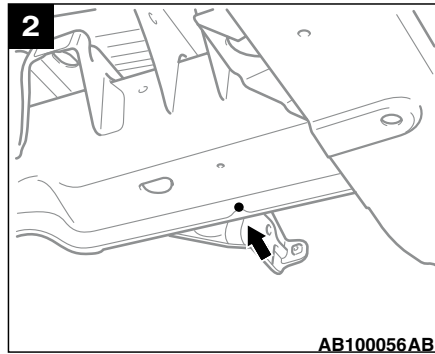
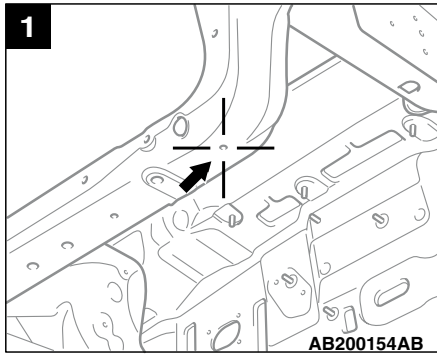
2-5

mm



AB200625AD

NOTE: The assumed standard line is established 100 mm below the measurement point No.4.



M4020013000661

Technical drawing of a vehicle chassis showing dimensions and numbered points for sensor placement. The drawing includes the following dimensions and points:

- Dimensions:**
 - Overall width: 372
 - Overall length: 370
 - Distance from front to first sensor (15): 1,110
 - Distance between sensors 15 and 3: 906
 - Distance between sensors 3 and 16: 713
 - Distance between sensors 16 and 17: 1,262
 - Distance between sensors 17 and 18: 1,000
 - Distance between sensors 18 and 19: 484
 - Distance between sensors 19 and 20: 256
 - Distance between sensors 20 and 21: 302
 - Distance between sensors 21 and 22: 932
 - Distance from rear to last sensor (22): 1,110
 - Distance between sensors 12 and 14: 288
 - Distance between sensors 14 and 16: 86
 - Distance between sensors 16 and 17: 713
 - Distance between sensors 17 and 18: 1,128
 - Distance between sensors 18 and 19: 684
 - Distance between sensors 19 and 20: 876
 - Distance between sensors 20 and 21: 180
 - Distance between sensors 21 and 22: 185
- Numbered Points:** 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 3, 86, 127, 130, 180, 185, 341, 373.
- Other Labels:** "Centre line of the vehicle" (indicated by a horizontal line).

Centre line of the vehicle

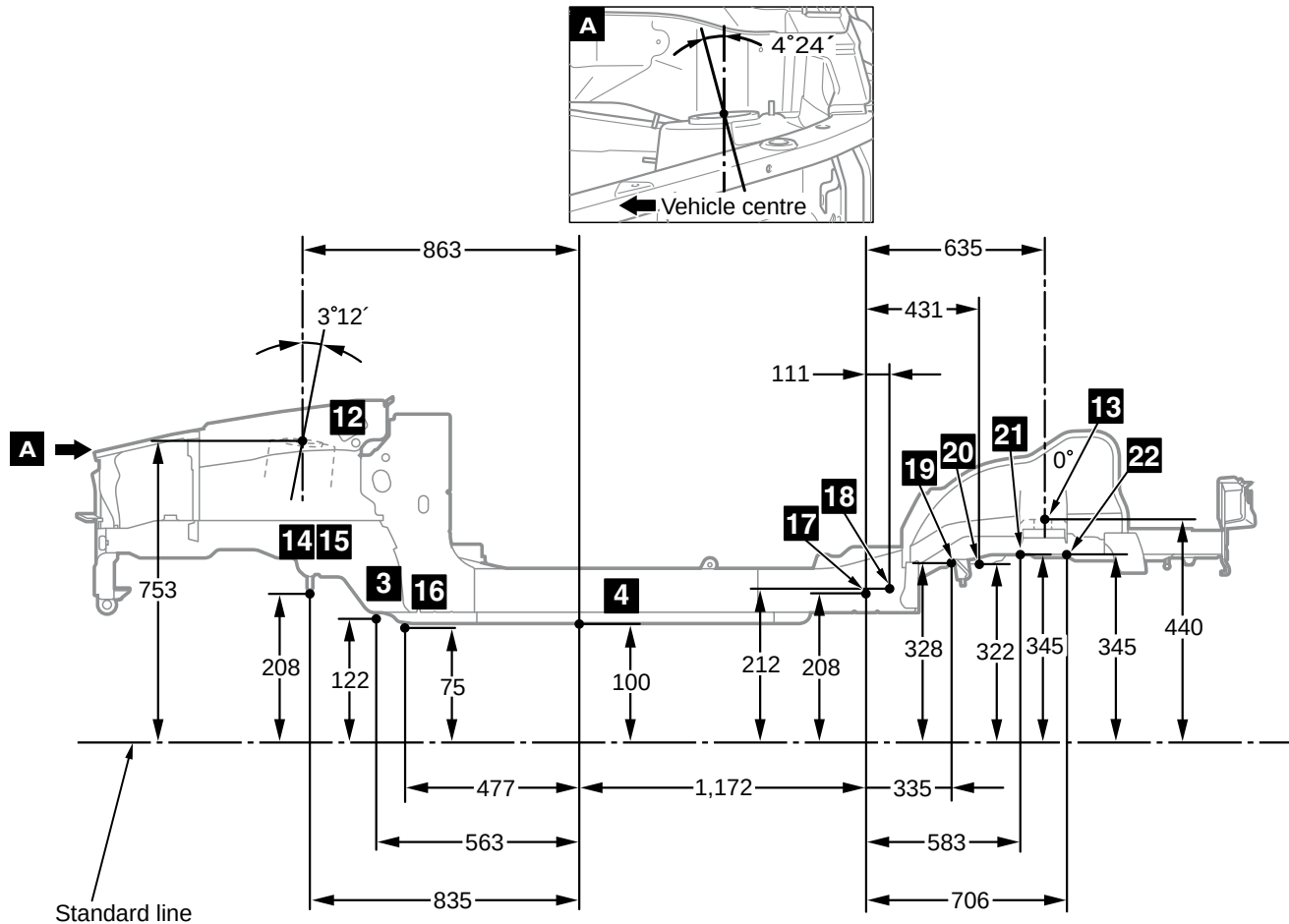
No.	Standard measurement point	Hole shape	Size mm
3	Centre of crossmember mounting hole	Round	18
4	Centre of front floor sidemember positioning hole	Round	25
12	Centre of front shock absorber mounting hole	Round	110
13	Centre of rear shock absorber mounting hole	Round	64
14	Tip of crossmember mounting bolt (left)	–	–
15	Tip of crossmember mounting bolt (right)	–	–
16	Centre of crossmember mounting hole	Round	11
17	Centre of trailing arm mounting hole	Round	16

BODY DIMENSIONS **TYPE A (PROJECTED DIMENSIONS)**

2-7

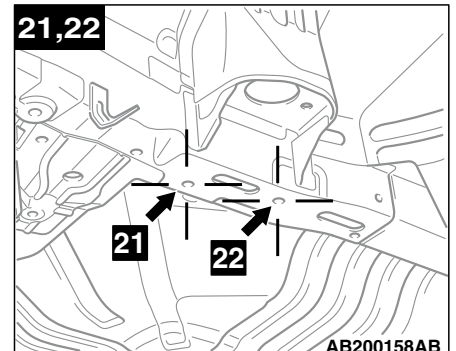
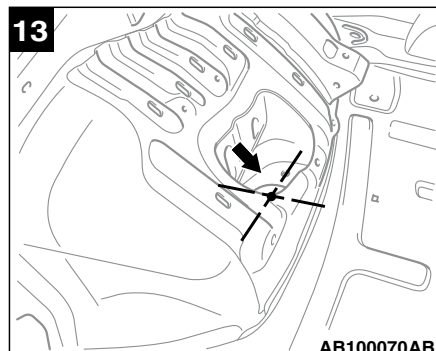
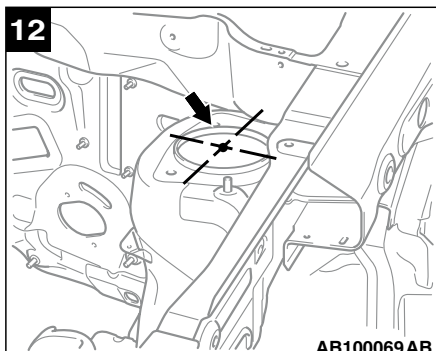
No.	Standard measurement point	Hole shape	Size mm
18	Centre of trailing arm mounting hole	Round	16
19	Centre of crossmember mounting hole	Round	28
20	Centre of crossmember mounting hole	Round	14
21	Centre of crossmember mounting hole	Round	13.5
22	Centre of crossmember mounting hole	Round	13.5

mm



AB202389AC

NOTE: The assumed standard line is established 100 mm below the measurement point No.4.

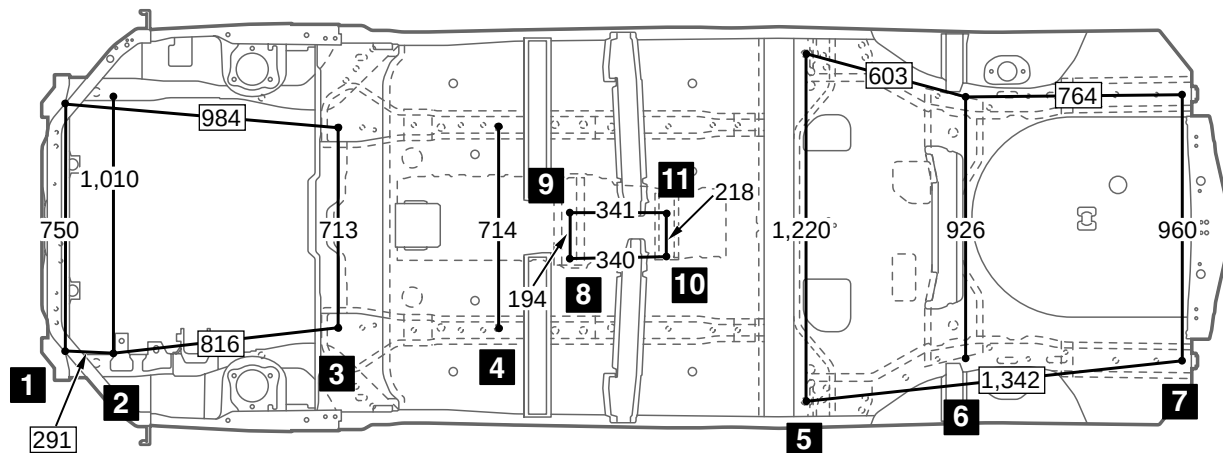


TYPE B (ACTUAL-MEASUREMENT DIMENSIONS)

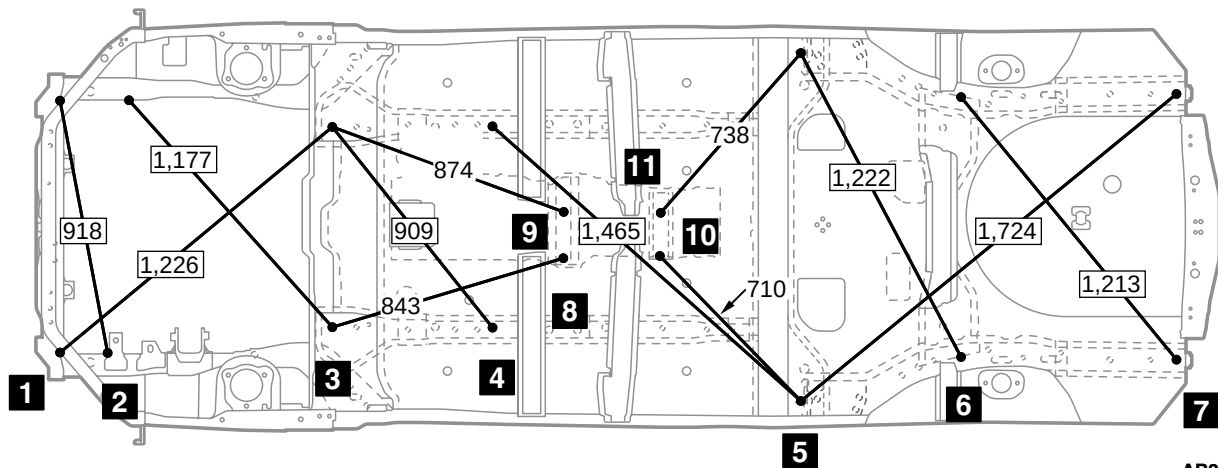
UNDER BODY

M4020005000826

mm

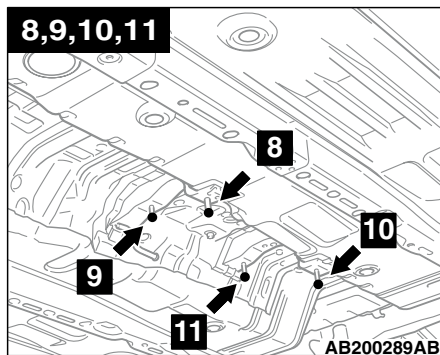
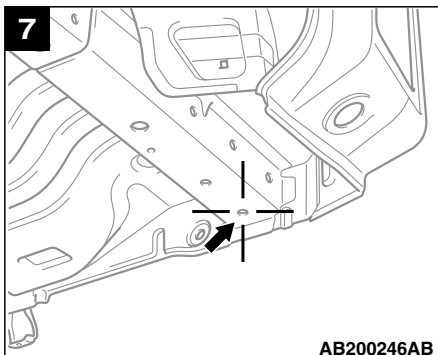
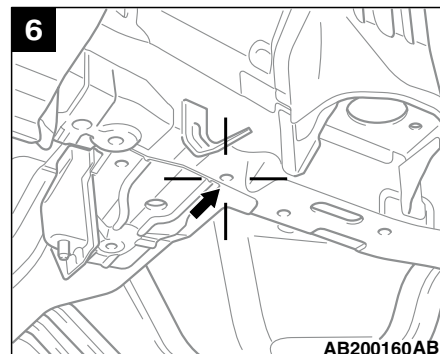
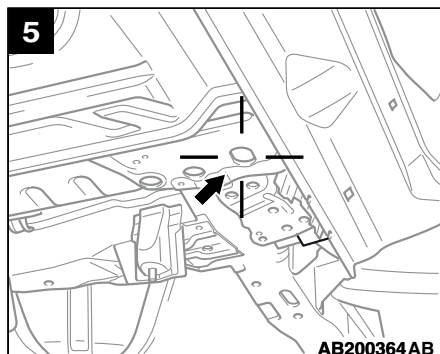
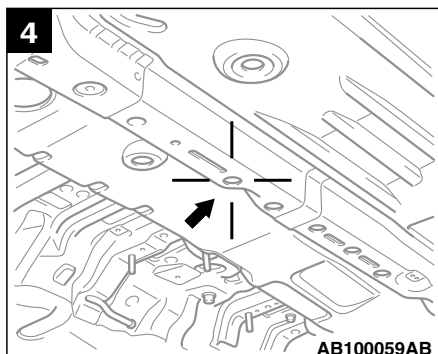
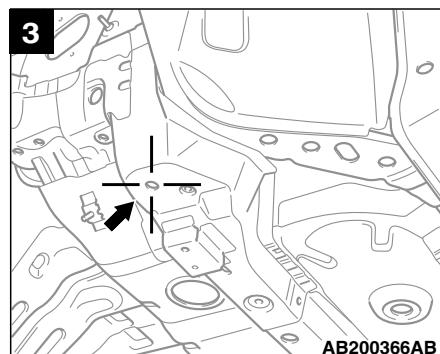
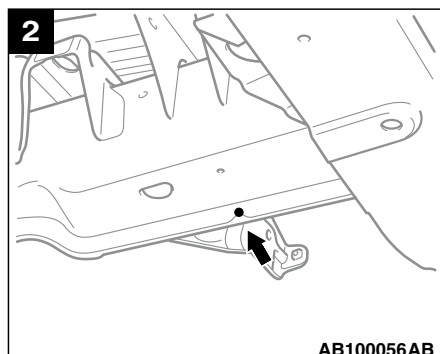
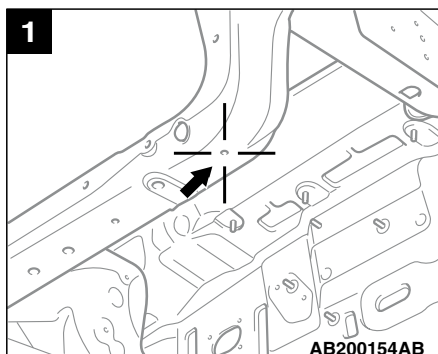


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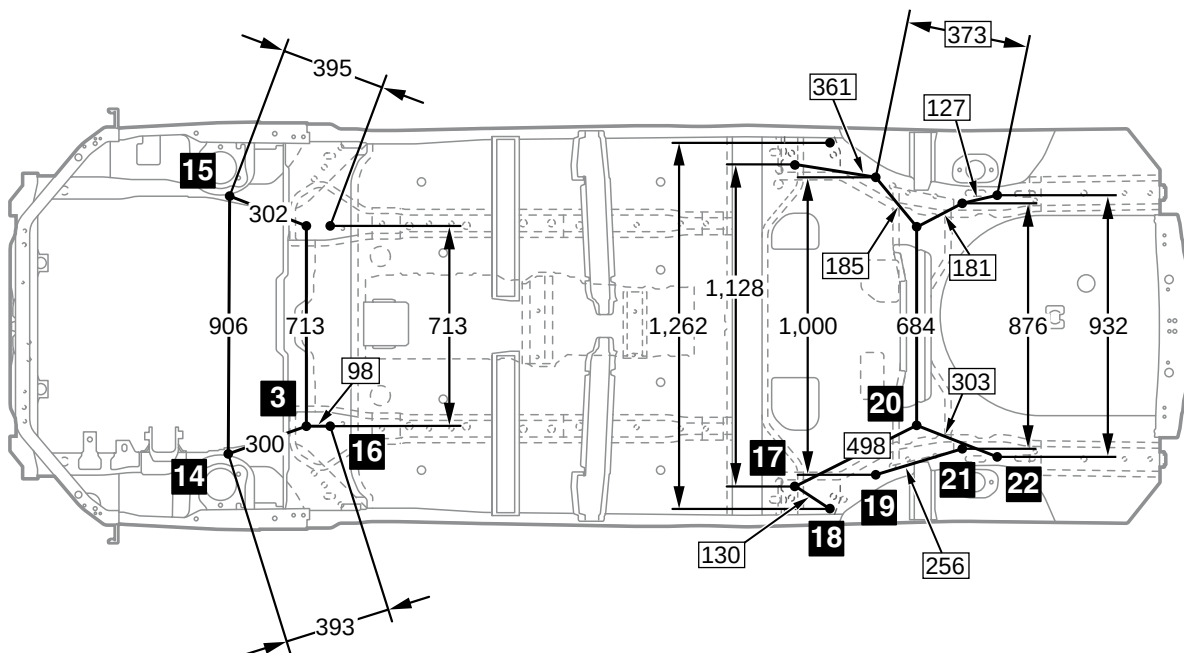
No.	Standard measurement point	Hole shape	Size mm
1	Centre of under cover mounting hole	Round	8
2	Front sidemember inner notch	—	—
3	Centre of crossmember mounting hole	Round	18
4	Centre of front floor sidemember positioning hole	Round	25
5	Centre of rear seat crossmember side water draining hole	Oblong	38 × 22
6	Centre of rear floor sidemember water draining hole	Round	16
7	Centre of towing hook mounting hole	Round	15
8	Tip of centre bearing mounting bolt (4WD) (left-front side)	—	—
9	Tip of centre bearing mounting bolt (4WD) (right-front side)	—	—
10	Tip of centre bearing mounting bolt(4WD) (left-rear side)	—	—
11	Tip of centre bearing mounting bolt (4WD) (right-rear side)	—	—



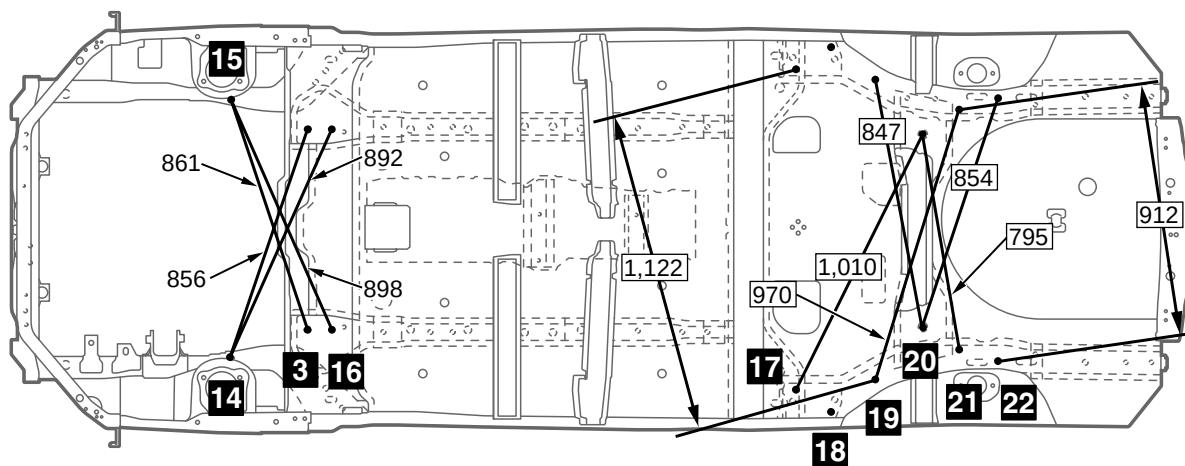
SUSPENSION INSTALLATION DIMENSIONS

M4020013000393

mm



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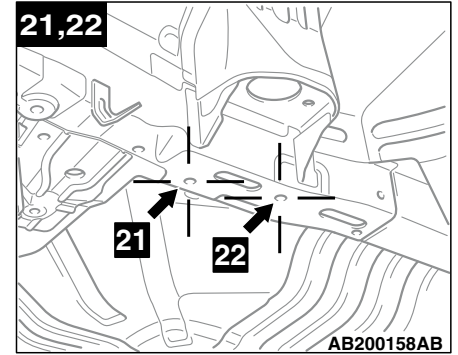
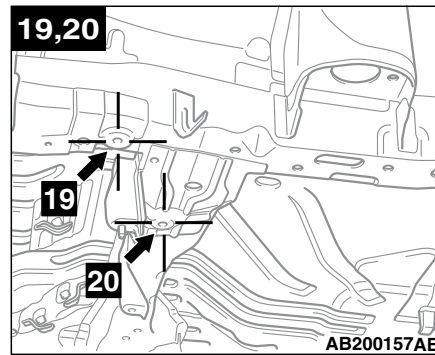
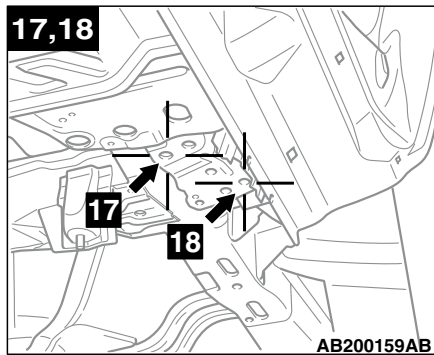
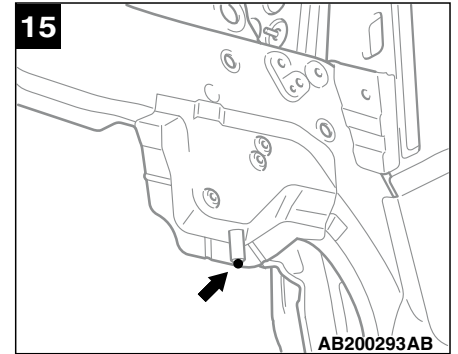
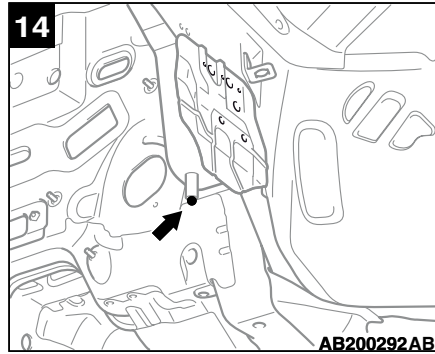
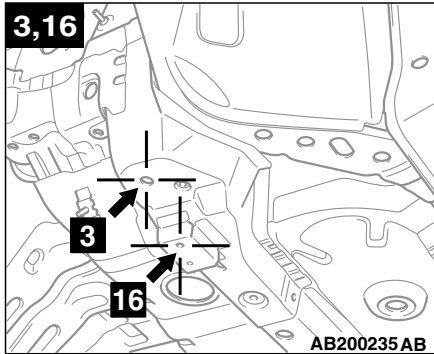
AB200241AB

No.	Standard measurement point	Hole shape	Size mm
3	Centre of crossmember mounting hole	Round	18
14	Tip of crossmember mounting bolt (left)	—	—
15	Tip of crossmember mounting bolt (right)	—	—
16	Centre of crossmember mounting hole	Round	11
17	Centre of trailing arm mounting hole	Round	16
18	Centre of trailing arm mounting hole	Round	16
19	Centre of crossmember mounting hole	Round	28

BODY DIMENSIONS
TYPE B (ACTUAL-MEASUREMENT DIMENSIONS)

2-11

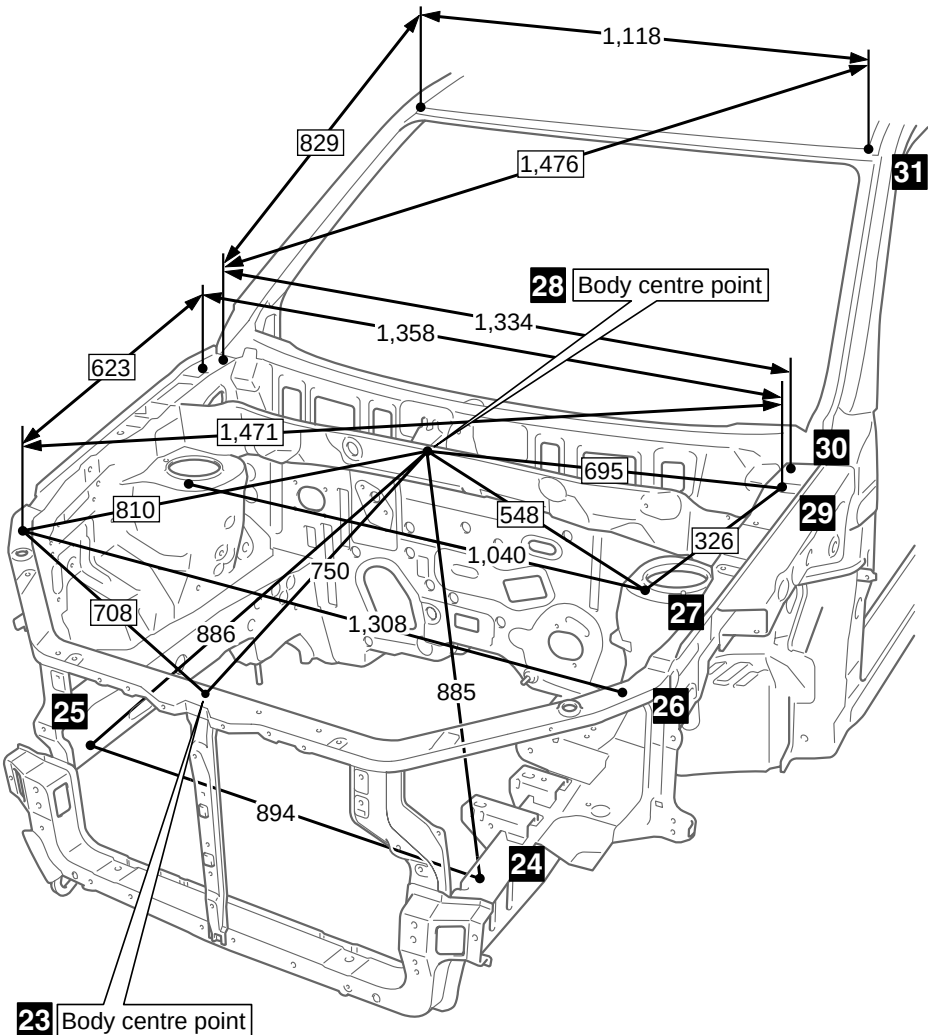
No.	Standard measurement point	Hole shape	Size mm
20	Centre of crossmember mounting hole	Round	14
21	Centre of crossmember mounting hole	Round	13.5
22	Centre of crossmember mounting hole	Round	13.5



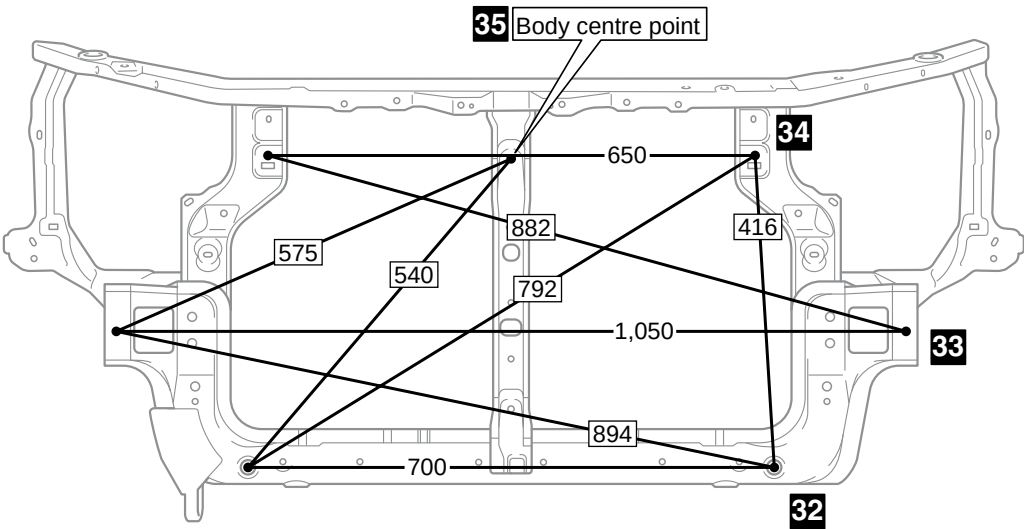
FRONT BODY

M4020006000409

mm

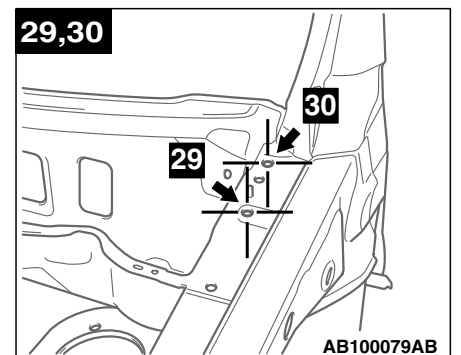
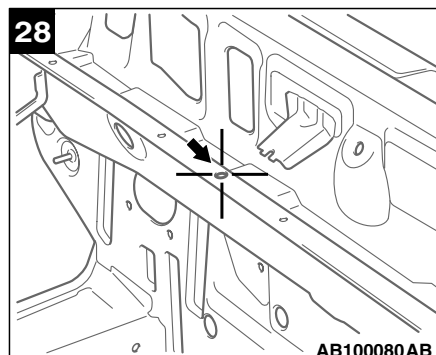
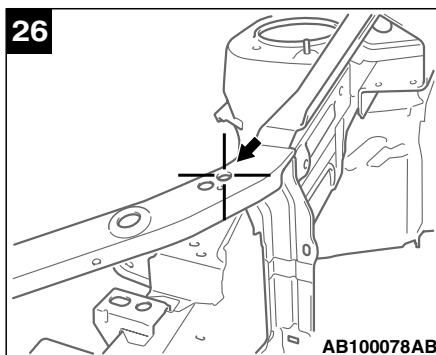
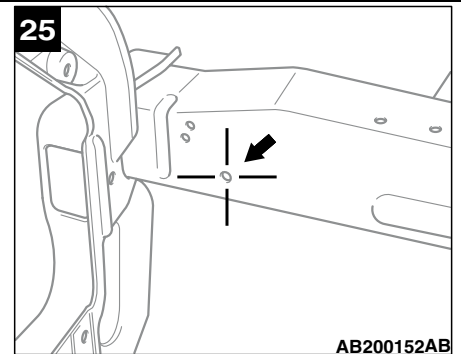
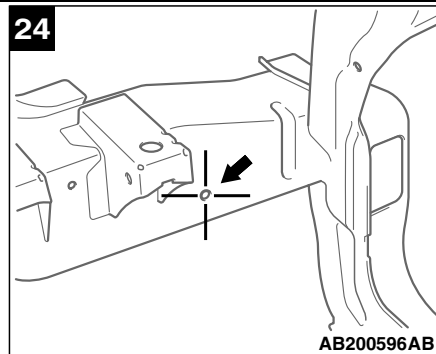
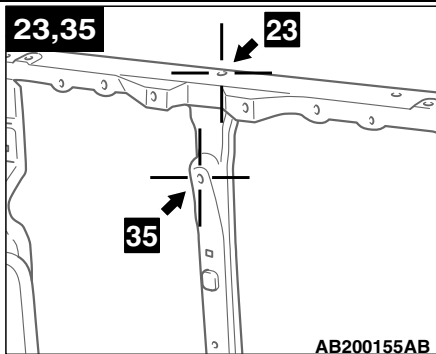


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AB200150 AB

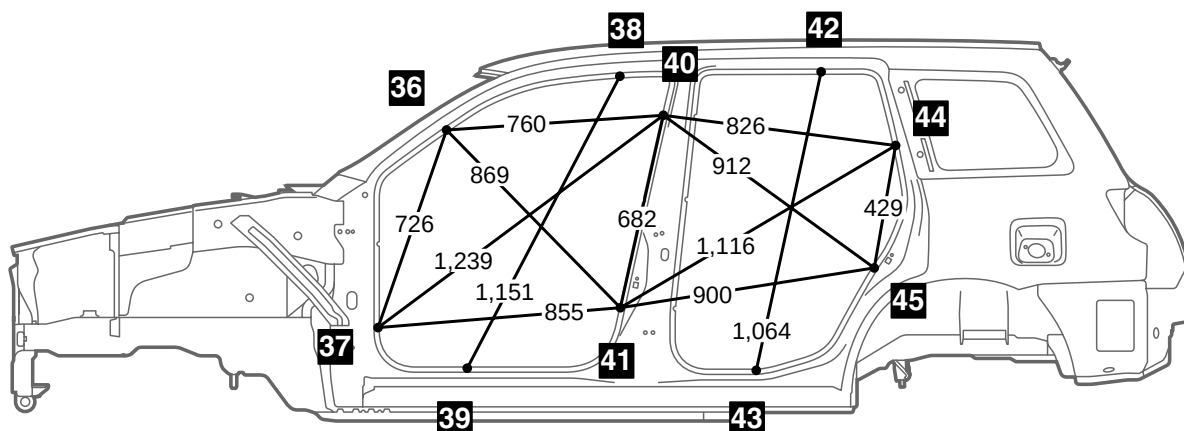
No.	Standard measurement point	Hole shape	Size mm
23	Centre of front end crossmember upper water draining hole (Body centre point)	Round	9
24	Centre of harness mounting hole	Oblong	7 × 12
25	Centre of intercooler pipe mounting hole	Round	9
26	Centre of front fender mounting hole	Round	6.6
27	Centre of front strut mounting hole	Round	11.5
28	Centre of cowl top panel positioning hole (Body centre point)	Oblong	7 × 5
29	Centre of front fender mounting hole	Round	6.6
30	Centre of hood hinge mounting hole	Round	9
31	Corner of roof panel	—	—
32	Centre of front end crossmember outer positioning hole	Round	20
33	Centre of front bumper mounting hole	Round	9
34	Centre of headlamp mounting hole	Round	6.6
35	Centre of hood latch mounting hole (Body centre point)	Round	6.6



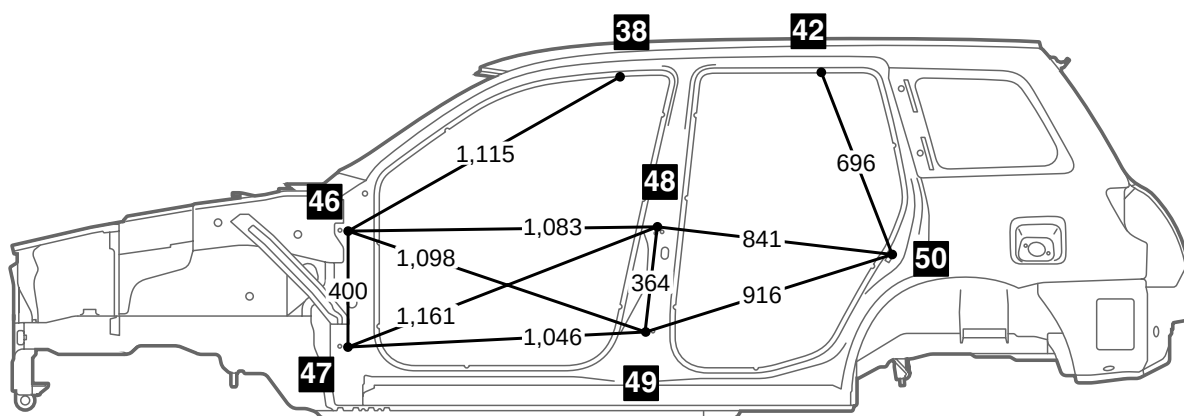
SIDE BODY

M4020007000190

mm

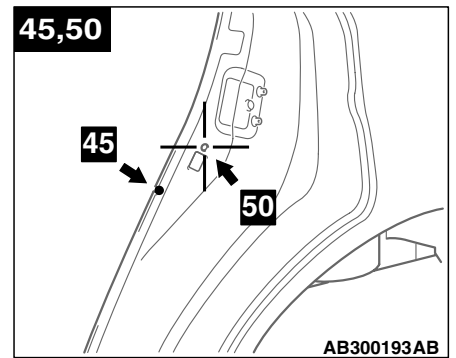
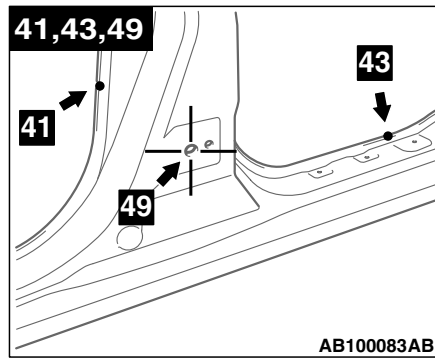
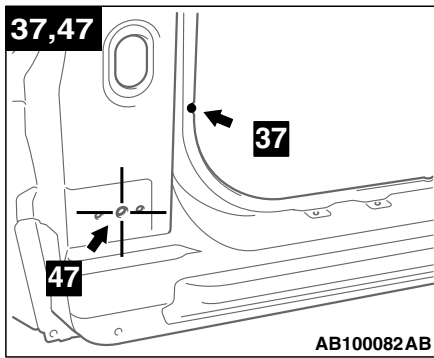


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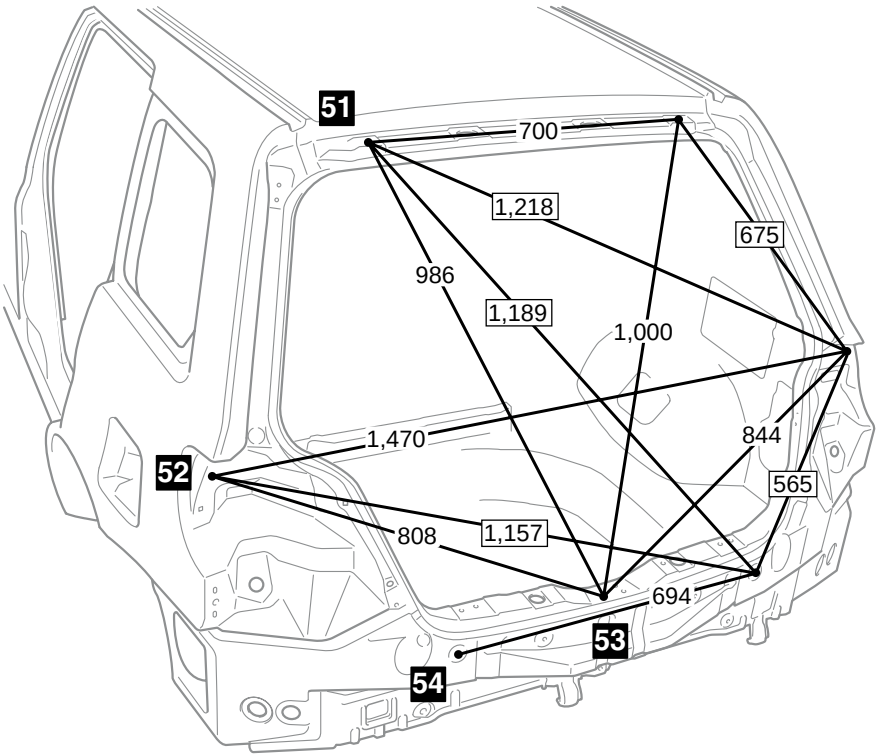
No.	Standard measurement point	Hole shape	Size mm
36	Front pillar positioning notch (upper)	—	—
37	Front pillar positioning notch (lower)	—	—
38	Side roof rail positioning notch (front)	—	—
39	Side sill positioning notch (front)	—	—
40	Centre pillar positioning notch (upper)	—	—
41	Centre pillar positioning notch (lower)	—	—
42	Side roof rail positioning notch (rear)	—	—
43	Side sill positioning notch (rear)	—	—
44	Quarter panel positioning notch (upper)	—	—
45	Quarter panel positioning notch (lower)	—	—
46	Centre of front door hinge mounting hole (upper)	Round	11
47	Centre of front door hinge mounting hole (lower)	Round	11
48	Centre of front door hinge mounting hole (lower)	Round	11
49	Centre of rear door hinge mounting hole (lower)	Round	11
50	Centre of rear door switch mounting hole	Round	5



REAR BODY

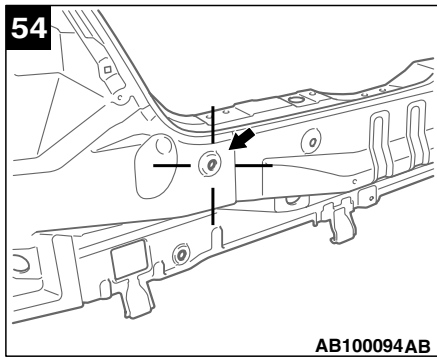
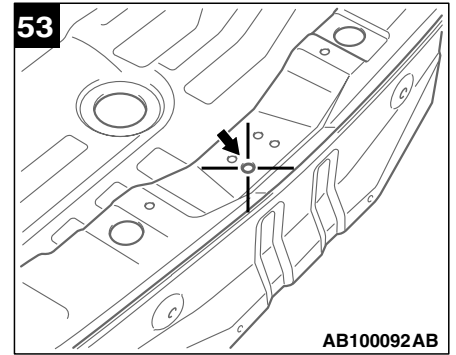
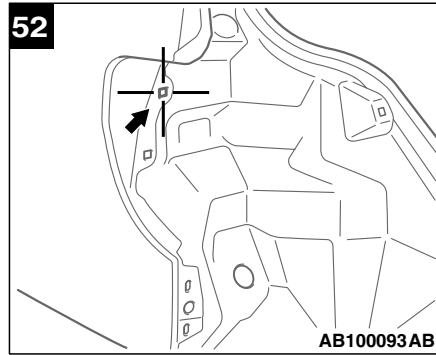
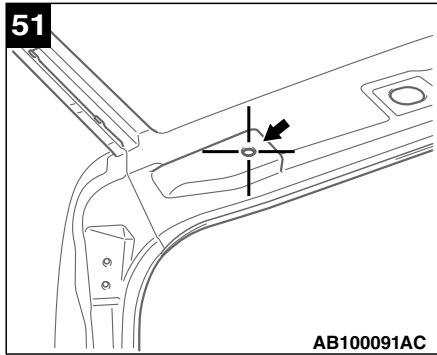
M4020008000201

mm



AB200184AB

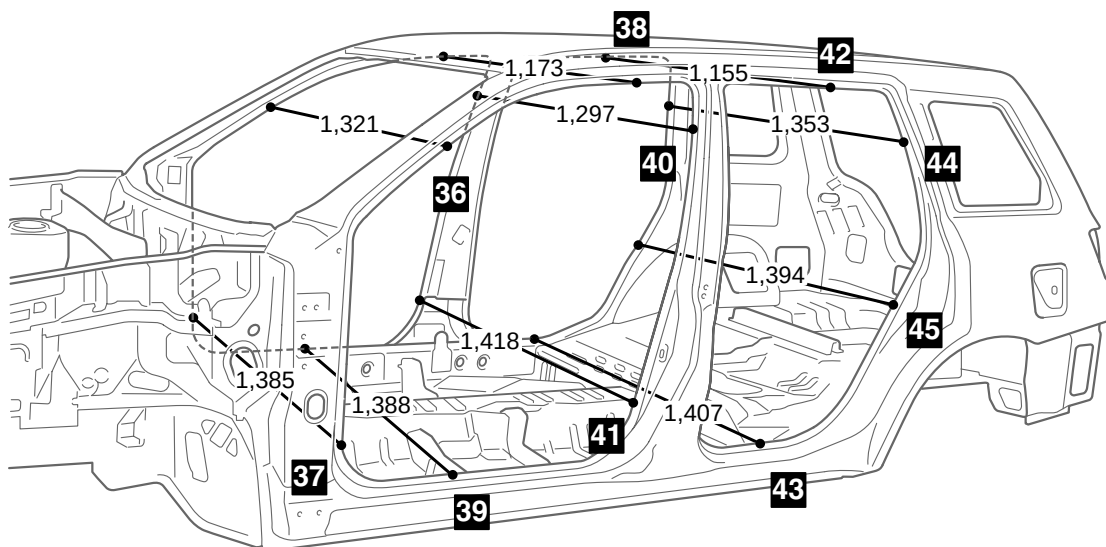
No.	Standard measurement point	Hole shape	Size mm
51	Centre of tailgate hinge mounting hole	Round	12
52	Centre of rear combination lamp mounting hole	Square	8.5
53	Centre of tailgate striker mounting hole	Round	13
54	Centre of rear bumper mounting hole	Round	18



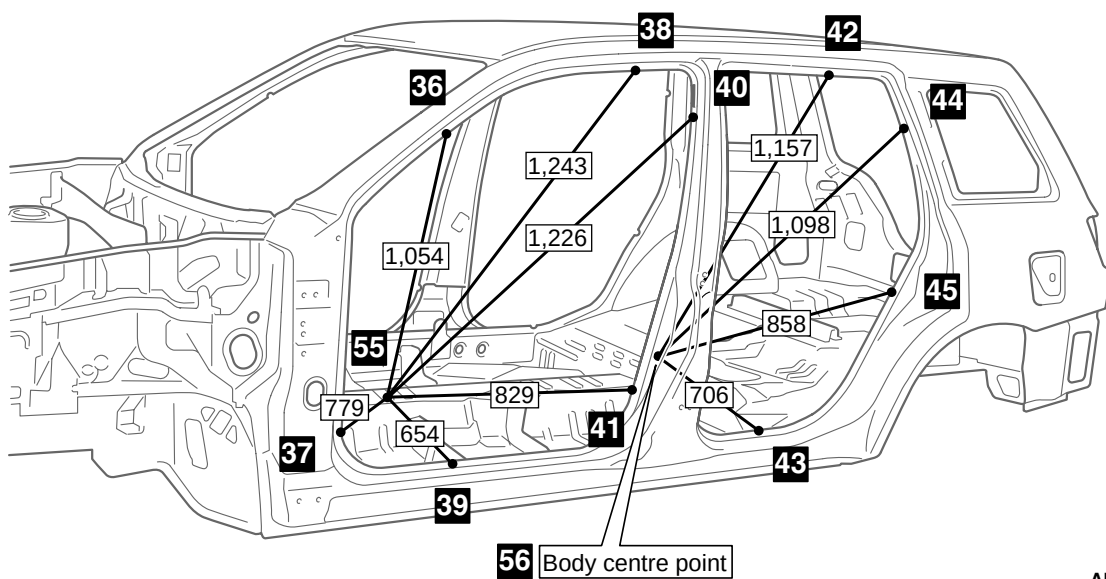
INTERIOR

M4020009000215

mm



AB200617AB



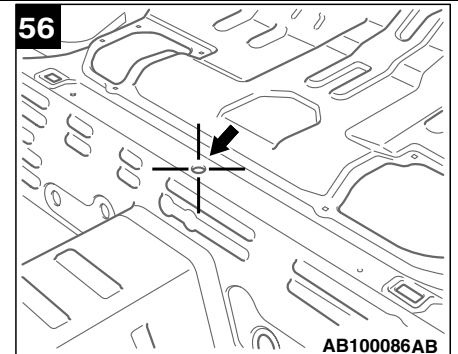
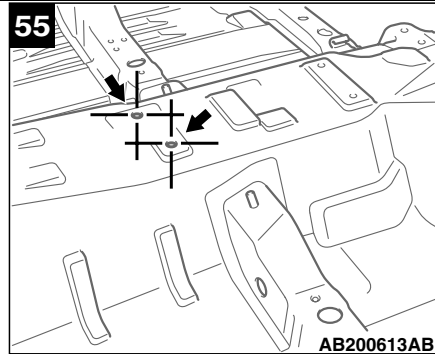
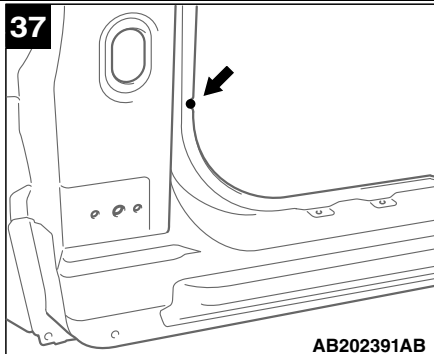
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No.	Standard measurement point	Hole shape	Size mm
36	Front pillar positioning notch (upper)	—	—
37	Front pillar positioning notch (lower)	—	—
38	Side roof rail positioning notch (front)	—	—
39	Side sill positioning notch (front)	—	—
40	Centre pillar positioning notch (upper)	—	—
41	Centre pillar positioning notch (lower)	—	—
42	Side roof rail positioning notch (rear)	—	—
43	Side sill positioning notch (rear)	—	—
44	Quarter panel positioning notch (upper)	—	—

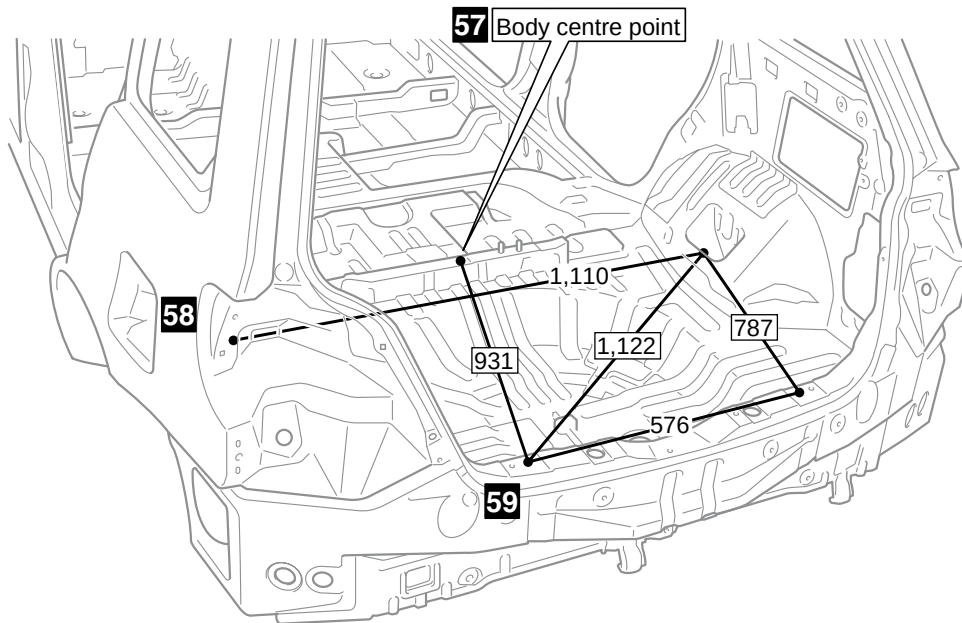
BODY DIMENSIONS **TYPE B (ACTUAL-MEASUREMENT DIMENSIONS)**

2-19

No.	Standard measurement point	Hole shape	Size mm
45	Quarter panel positioning notch (lower)	—	—
55	Centre of floor console mounting hole	Round	12
56	Centre of floor carpet mounting hole (Body centre point)	Round	6

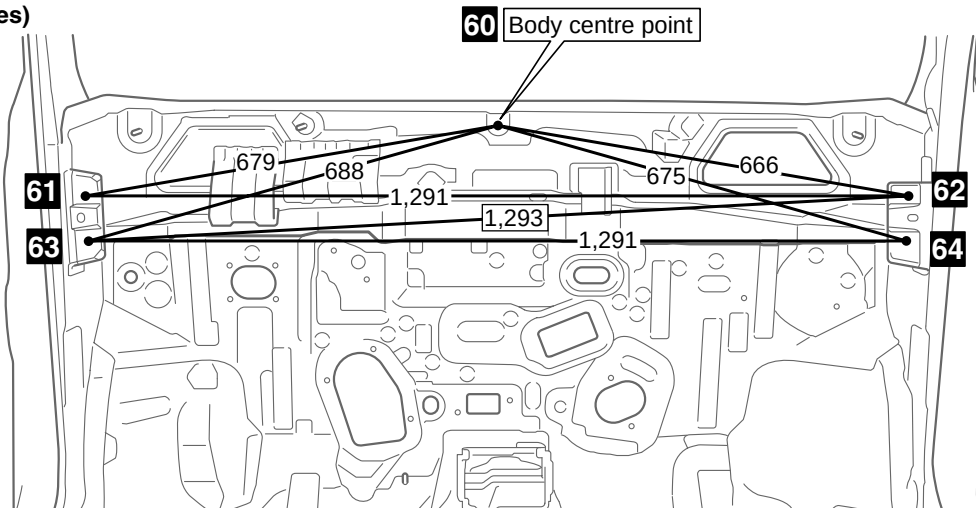


mm



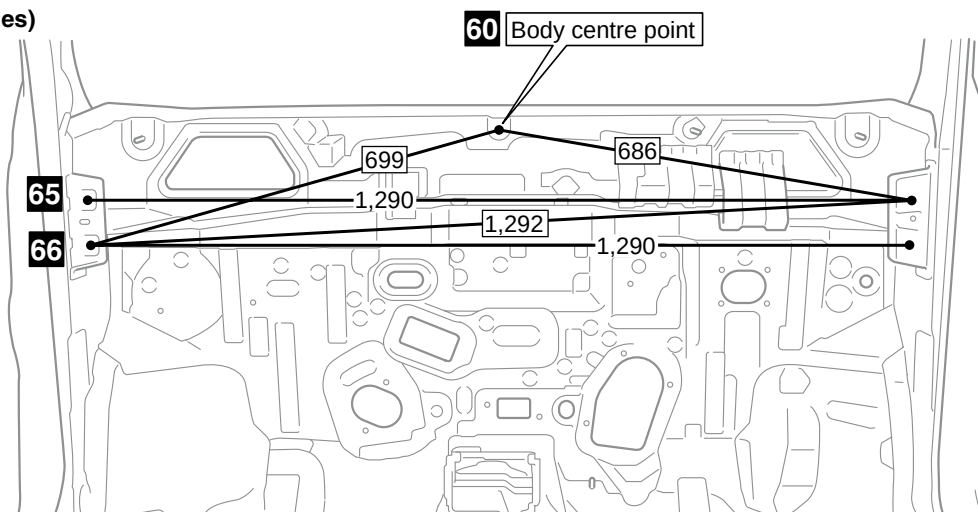
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(L.H. drive vehicles)



AB200185AD

(R.H. drive vehicles)



AB202410AD

No.	Standard measurement point	Hole shape	Size mm
57	Centre of rear floor crossmember positioning hole (Body centre point)	Round	16
58	Centre of rear shock absorber mounting hole	Round	12
59	Centre of rear end trim mounting hole	Round	8.5
60	Tip of instrument panel bracket centre (Body centre point)	—	—
61	Centre of deck crossmember mounting hole (left-upper)	Round	11
62	Centre of deck crossmember mounting hole (right-upper)	Round	11
63	Centre of deck crossmember mounting hole (left-lower)	Round	11
64	Centre of deck crossmember mounting hole (right-lower)	Round	11
65	Centre of deck crossmember mounting hole (upper)	Round	11
66	Centre of deck crossmember mounting hole (lower)	Round	11

