

# BODY DIMENSIONS

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دیجیتال خودرو

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران



64

64

# دیجیتال خودرو

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

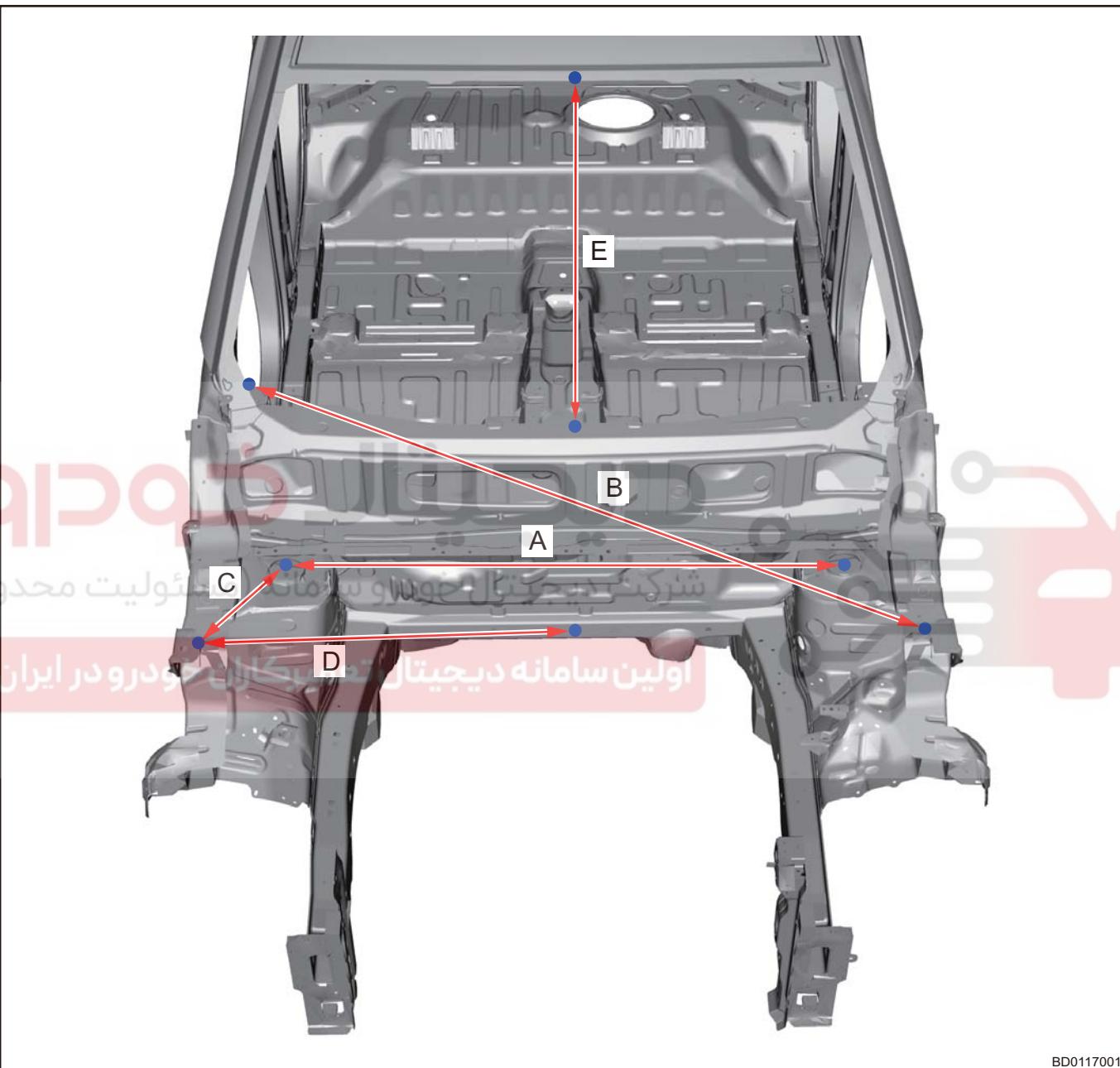


## Body Dimensions

### Hint:

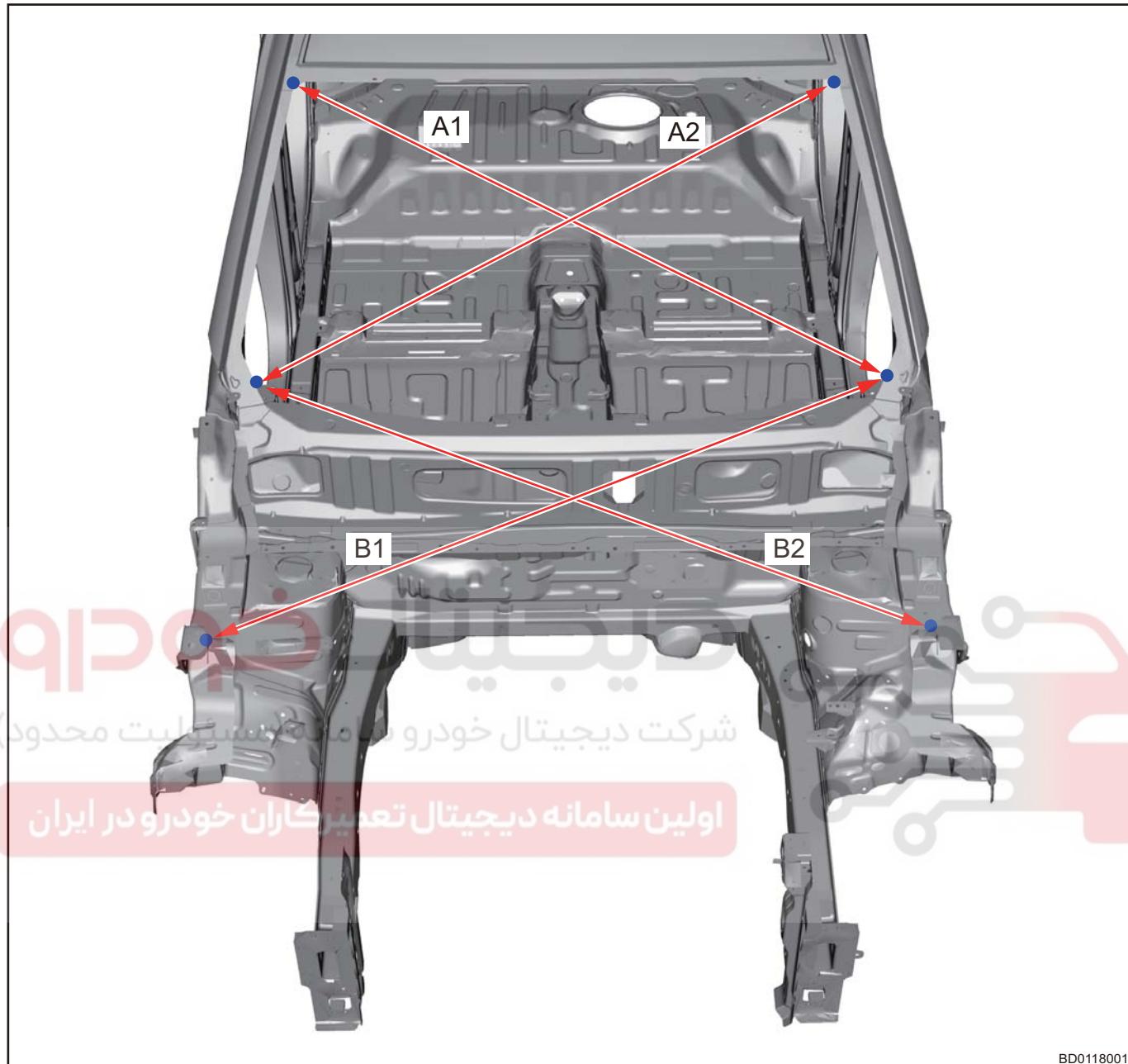
- Gap dimensions are always in millimeter/inch.
- Use plastic gap adjustment gauge to adjust or check gap dimensions.

### Dimensions of Engine Compartment and Windshield Frame



Dimension Code	Standard Value	Measuring Area
A	1144.8mm	Front suspension installation center
B	1553.4mm	Diagonal of wing fixing bolts
C	269.1mm	Distance between front suspension installation center and wing
D	908.3mm	Distance between front baffle plate center and wing fixing bolt
E	881mm	Front windshield opening

## Dimensions of Engine Compartment and Windshield Frame



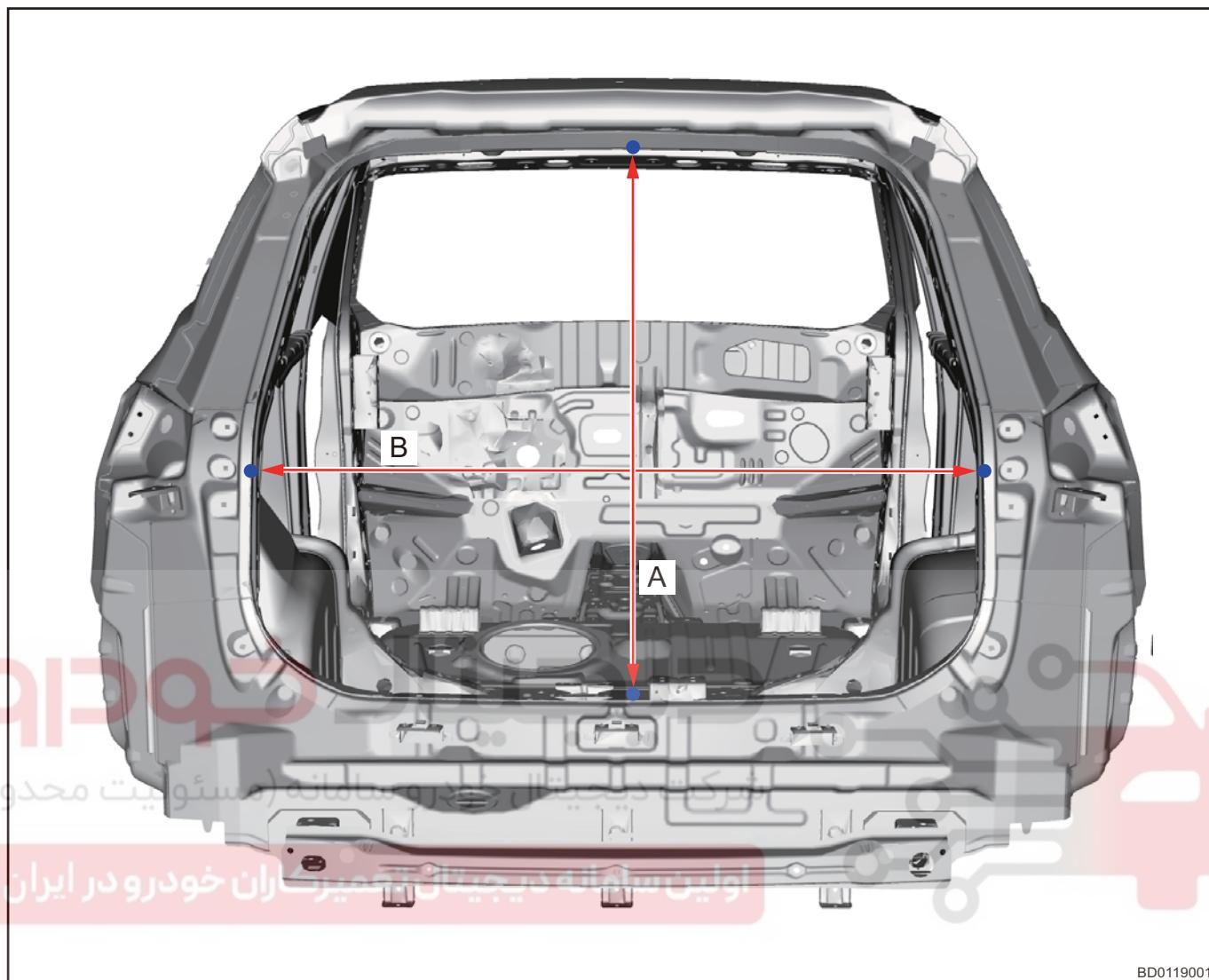
BD0118001

Check diagonal distance between engine compartment and windshield outer frame. The values of a set of diagonals should be equal

A1 = A2

B1 = B2

## Check Dimension of Luggage Compartment Opening

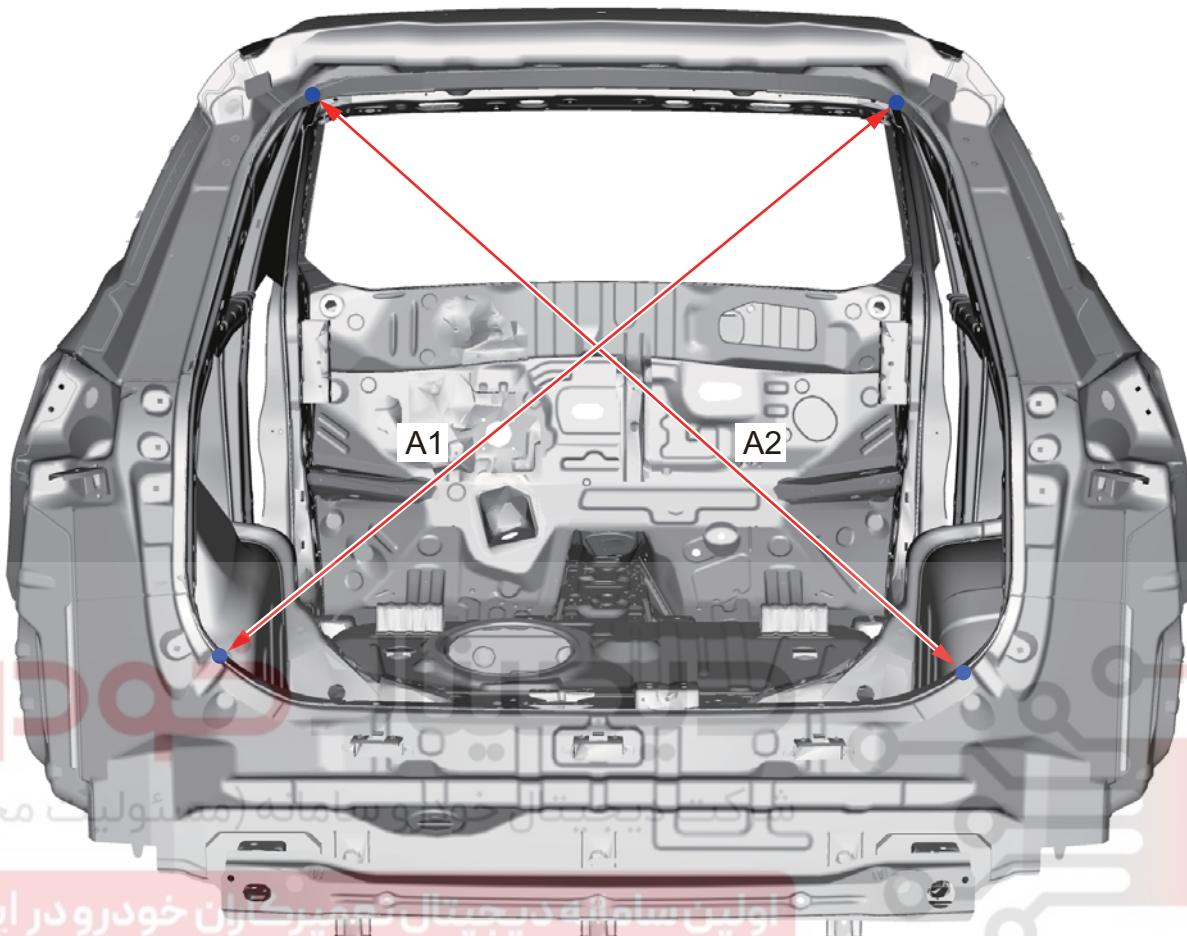


BD0119001

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Dimension Code	Standard Value	Measuring Area
A	936.8mm	Luggage compartment opening
B	1097mm	Y-direction distance of luggage compartment

## Check Dimension of Luggage Compartment Opening

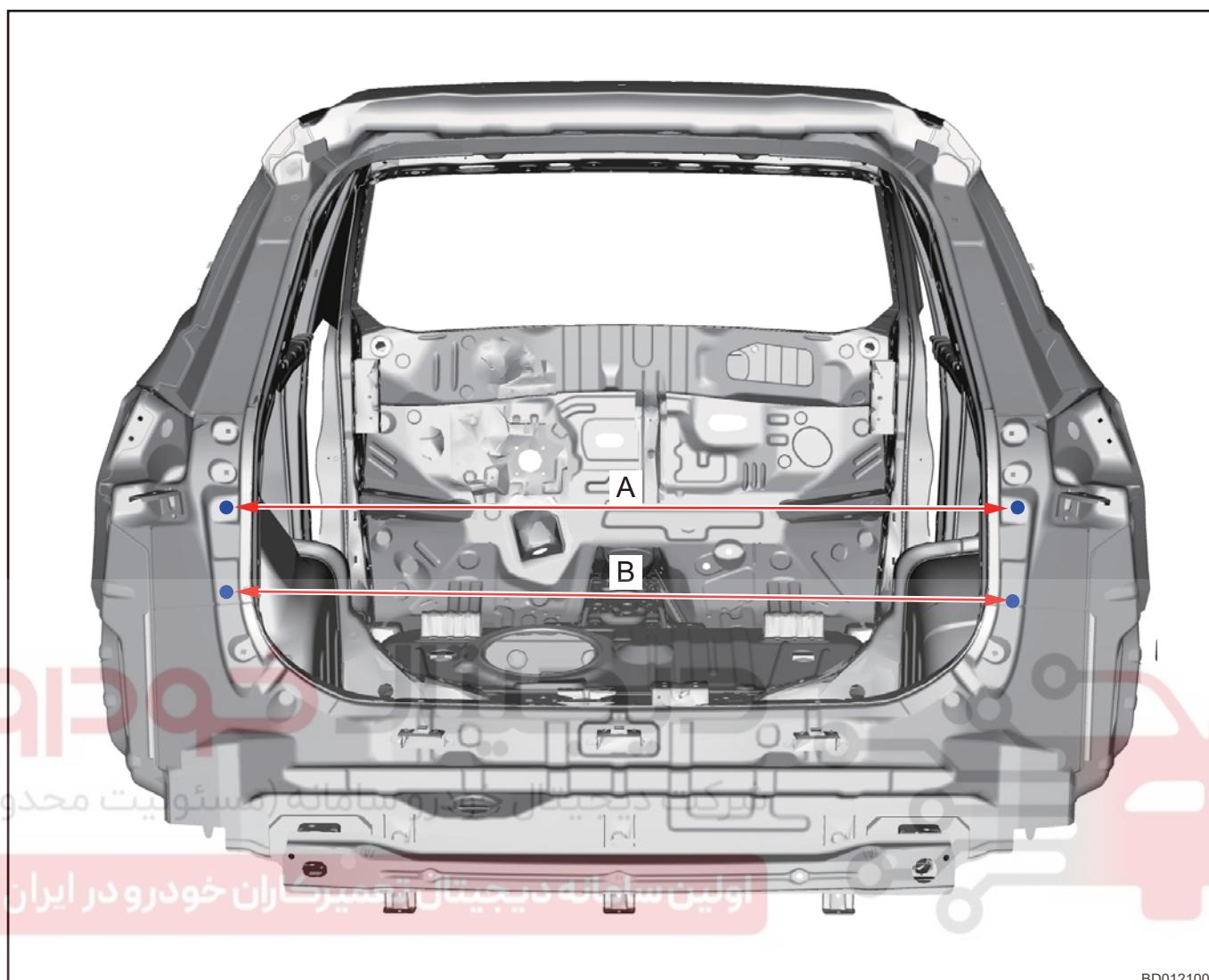


BD0120001

Check diagonal distance of luggage compartment outer frame The value of a set of diagonals should be equal

A1 = A2

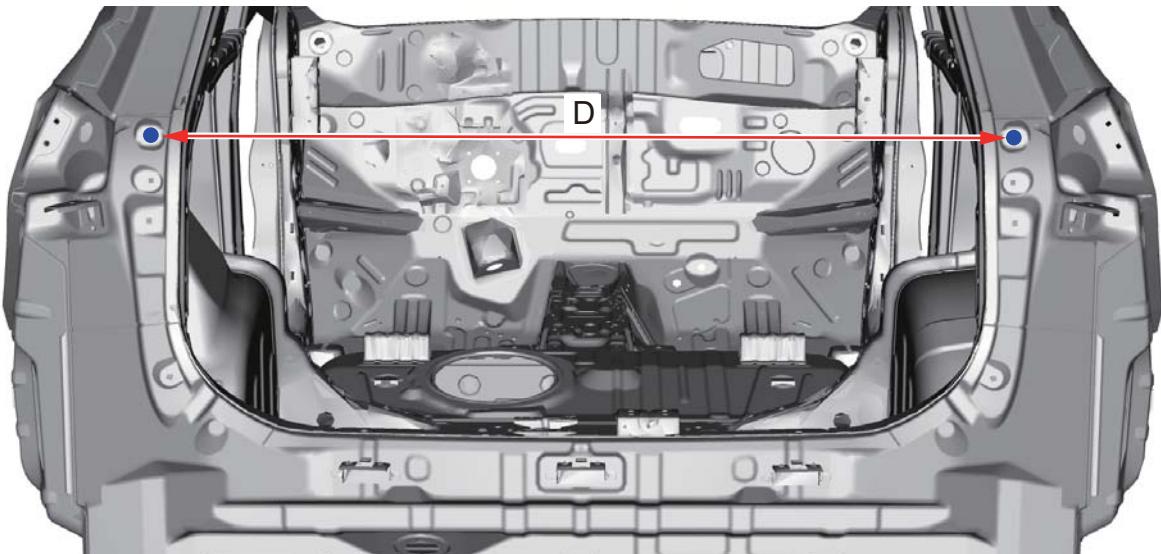
## Check Dimension Between Body B-pillar and C-pillar



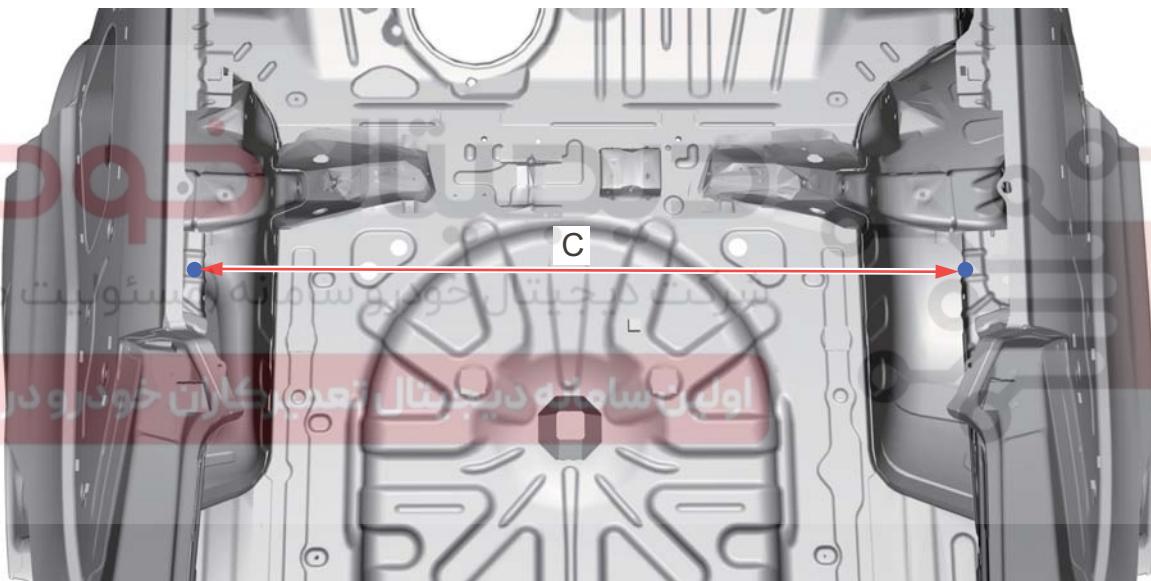
BD0121001

Dimension Code	Standard Value	Measuring Area
A	1559mm	Y-direction distance of B-pillar lock pillar installation position
B	1339mm	Y-direction distance between front seat lock pillar belt holder
C	1127.8mm	Y-direction distance of rear suspension installation center position
D	1535.9mm	Y-direction distance of rear wing lock pillar installation position

Check Dimension Between Body B-pillar and C-pillar

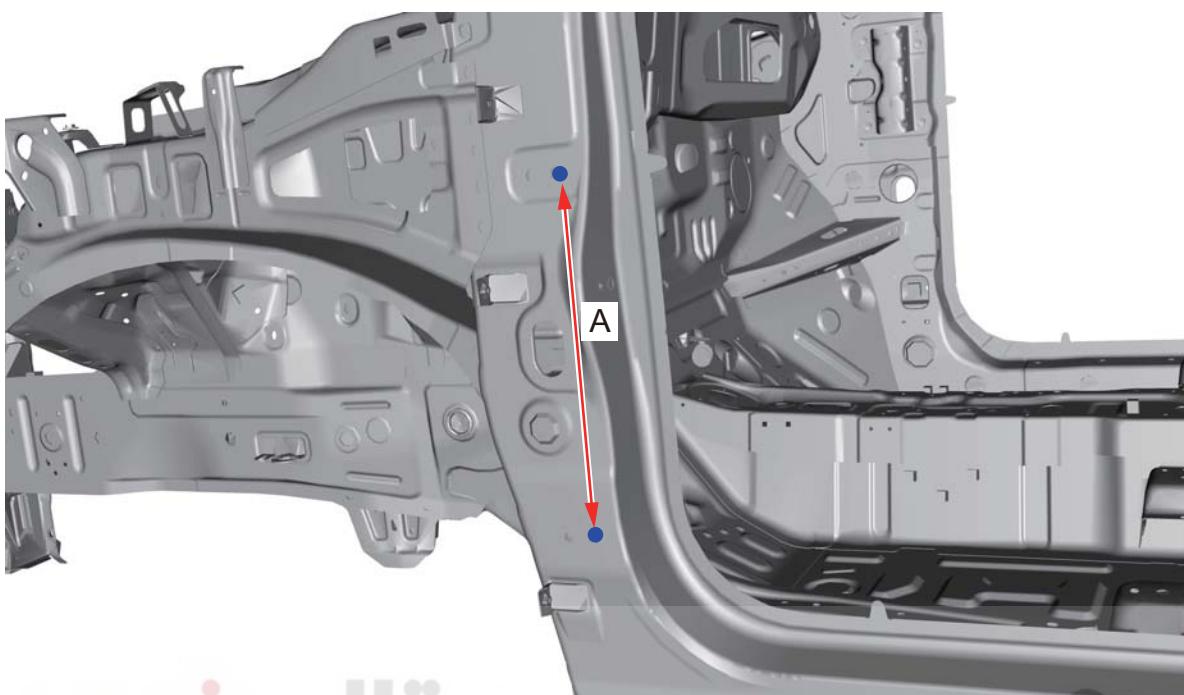


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BD0122001

## Check Dimension of Body A-pillar Hinge Distance



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BD0123001

Dimension Code	Standard Value	Measuring Area
A	360mm	Z-direction distance of A-pillar hinge

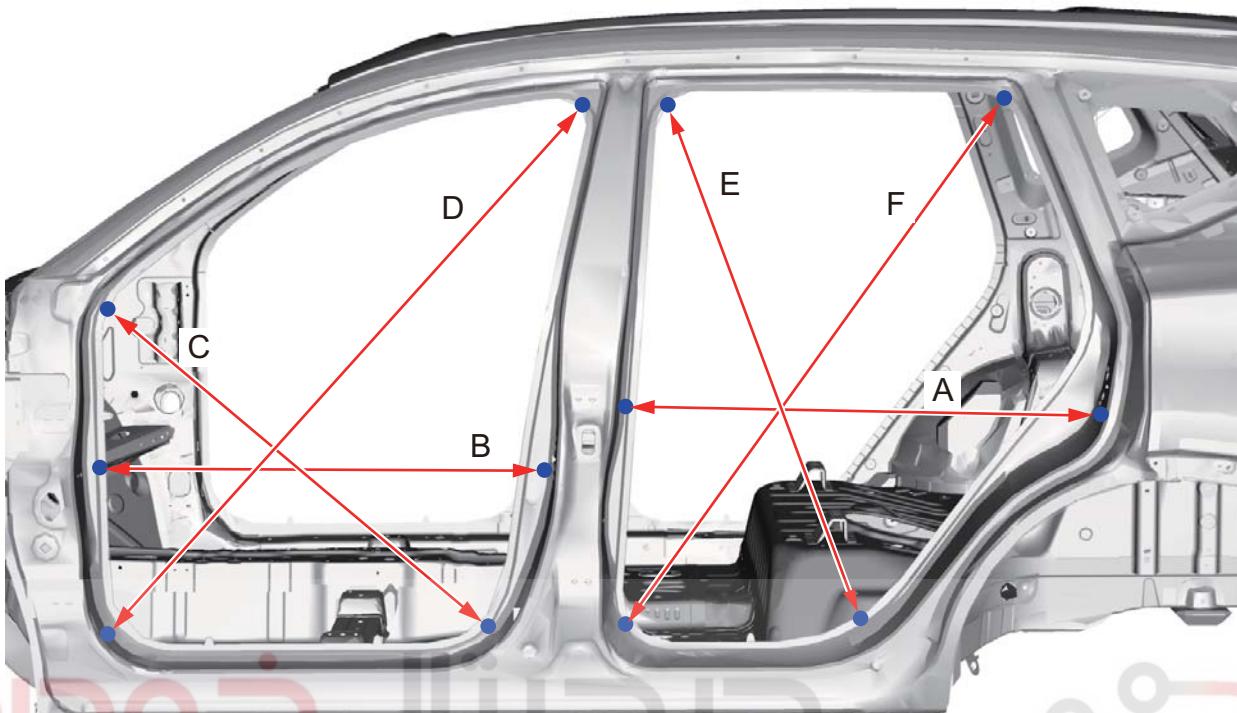
## Check Dimension of Body B-pillar Hinge Distance



BD0124001

Dimension Code	Standard Value	Measuring Area
A	354mm	Z-direction distance of A-pillar hinge

## Check Dimension of Front and Rear Doors Opening

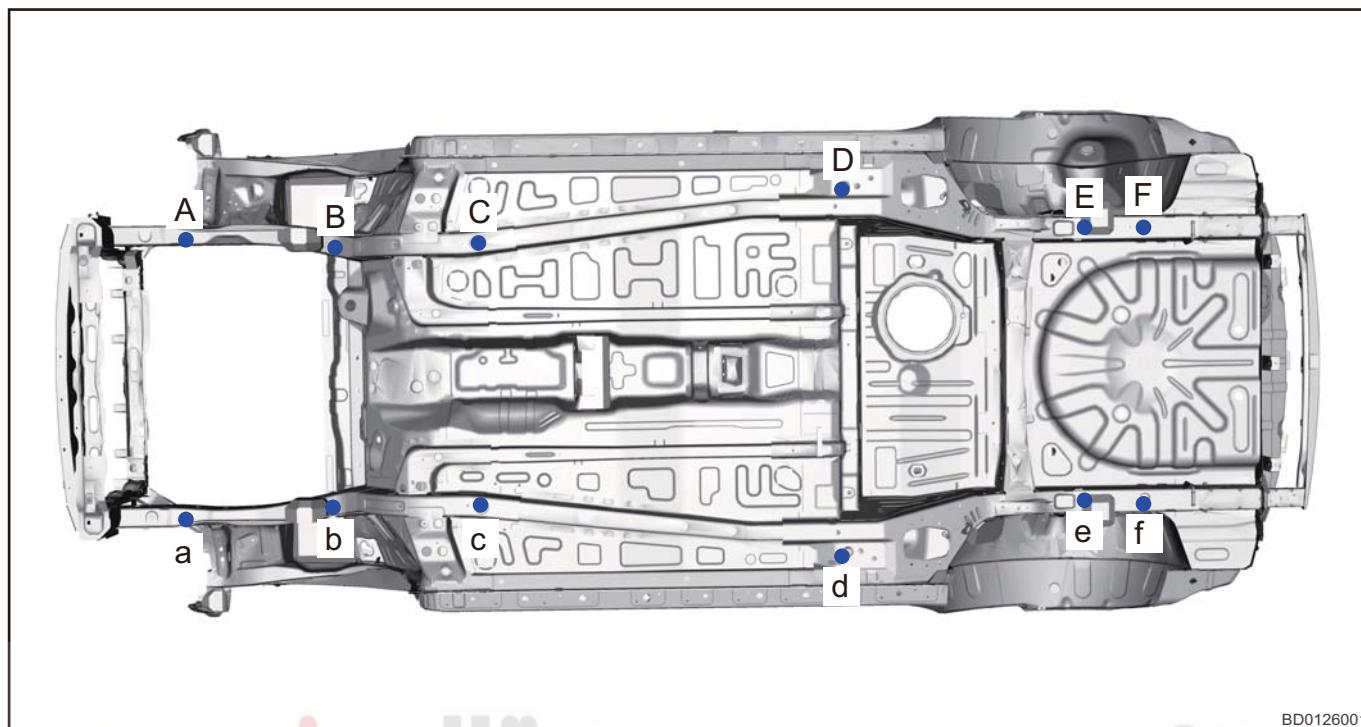


BD0125001

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Dimension Code	Standard Value	Measuring Area
A	946.9mm	Distance between B-pillar and rear door lock pillar installation position
B	930.7mm	Distance between A-pillar and B-pillar lock pillar installation position
C	983.6mm	Front door opening
D	1392.9mm	Front door opening
E	1105.5mm	Rear door opening
F	1289.6mm	Rear door opening

## Check Dimension of Body Deck



BD0126001

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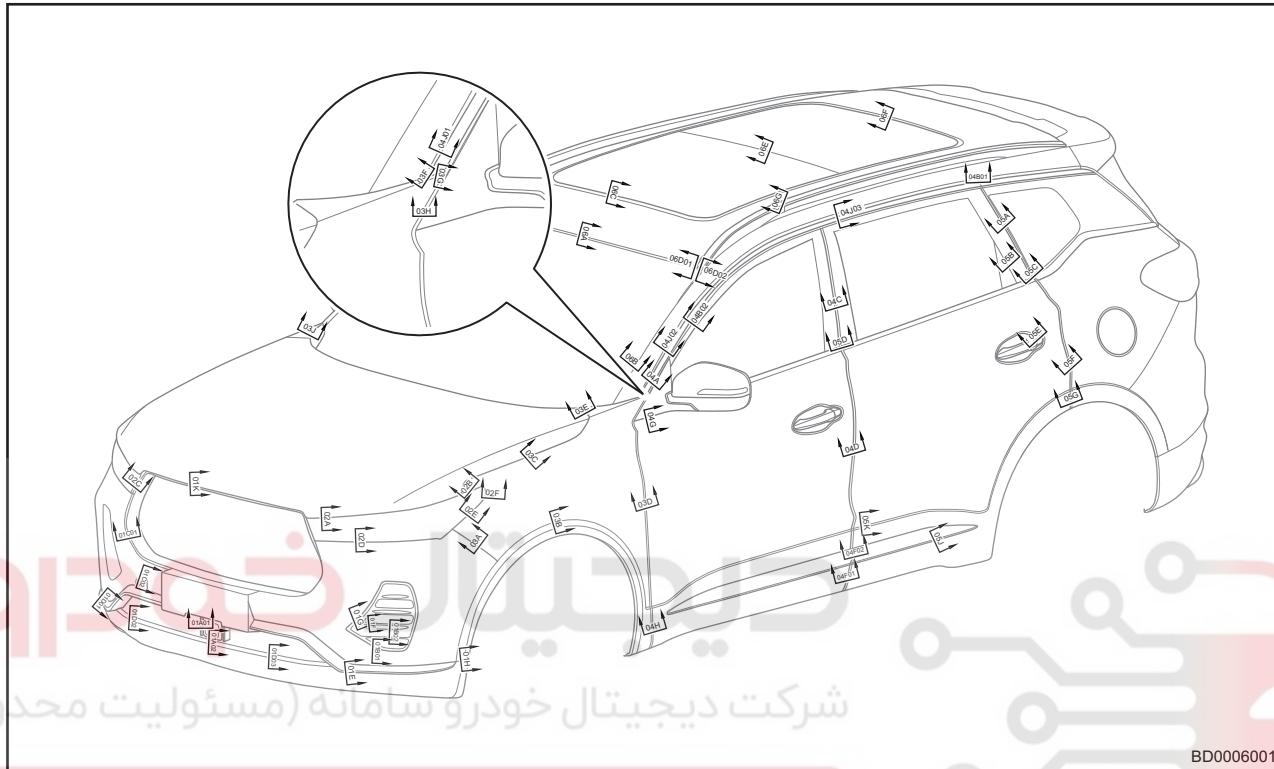
Dimension Code	Standard Value	Measuring Area
1	960 ± 1mm	Distance between A and a
2	913 ± 1mm	Distance between B and b
3	869 ± 1mm	Distance between C and c
4	1212.5 ± 1mm	Distance between C and D
5	1215 ± 1mm	Distance between D and d
6	996 ± 1mm	Distance between E and e
7	915 ± 1mm	Distance between F and f

## Body Surface Gap/Surface Difference

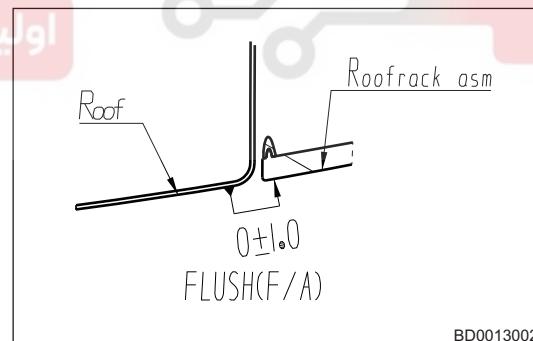
**Hint:**

- Gap dimensions are always in millimeter/inch.
- Use plastic gap adjustment gauge to adjust or check gap dimensions.

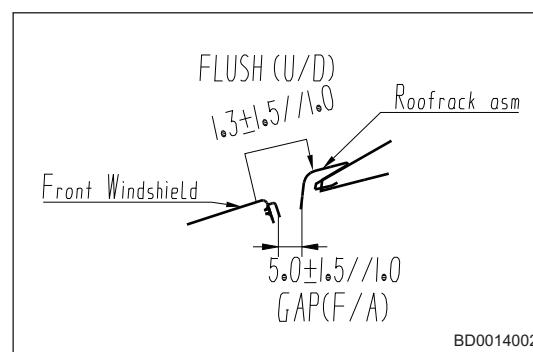
## Front Body Assembly



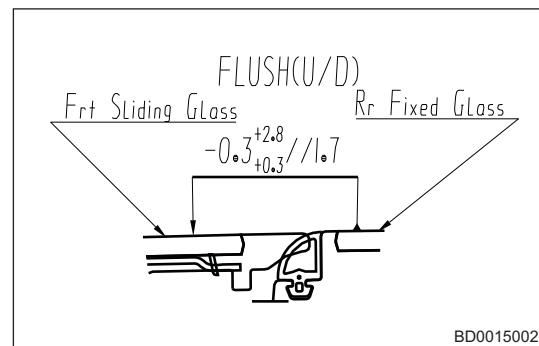
## 1. Assembly clearance between roof cover and rack body.



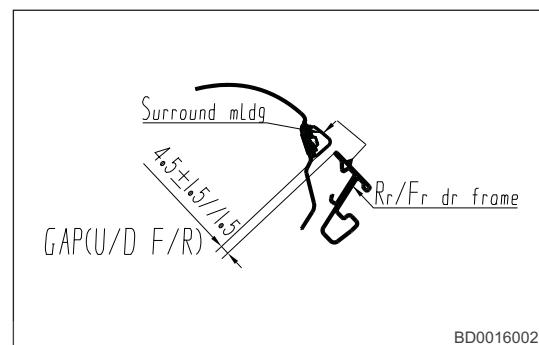
2. Assembly clearance between front windshield and rack body.



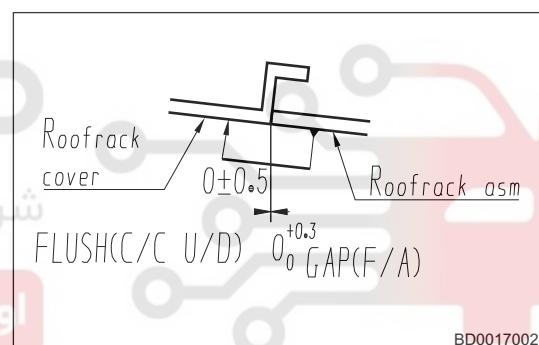
3. Assembly clearance between front sliding roof and rear fixing roof.



4. Assembly clearance between quarter strip and front/rear door upper window frame.

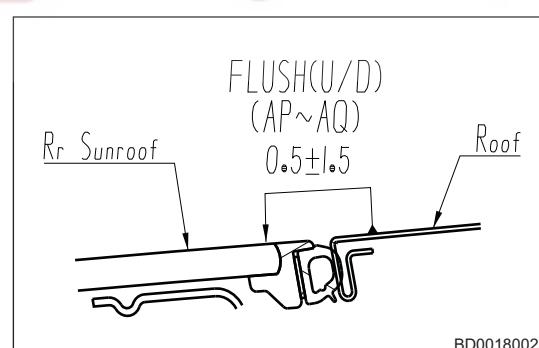


5. Assembly clearance between rack end cover and rack body.

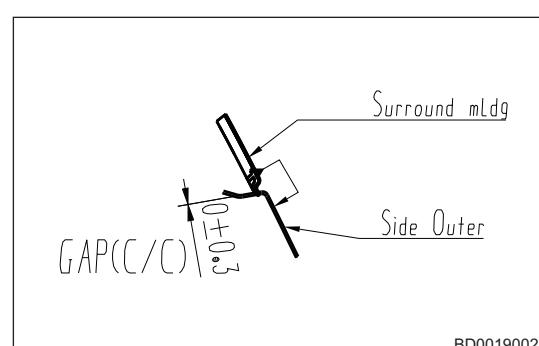


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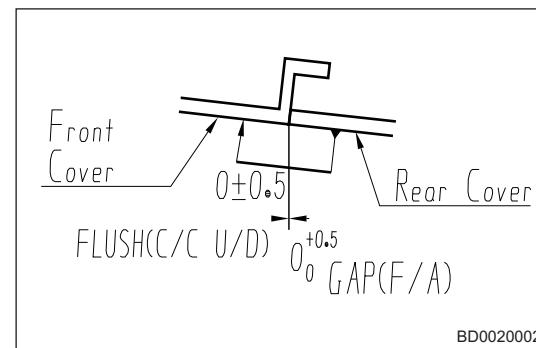
6. Assembly clearance between rear roof and roof cover.



7. Assembly clearance between quarter strip and quarter outer panel.

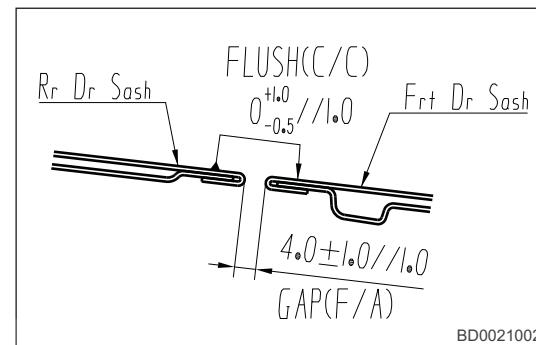


8. Assembly clearance between front strip and rear strip.



BD0020002

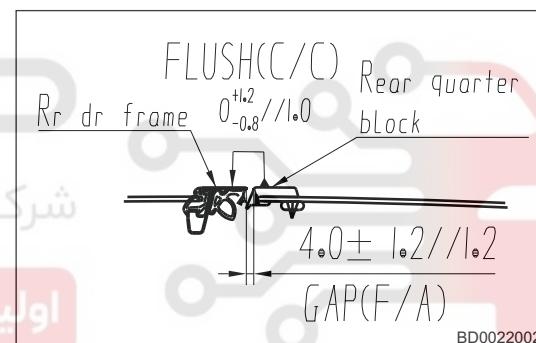
9. Assembly clearance between rear door window frame and front door window frame.



BD0021002

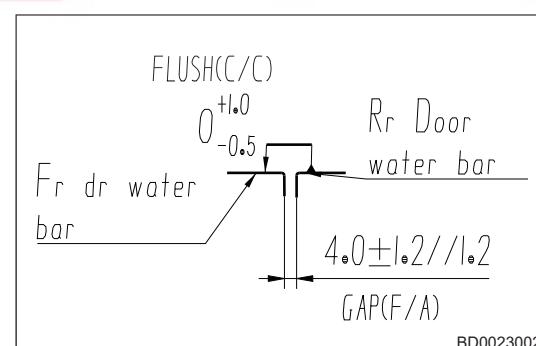
64

10. Assembly clearance between rear door window frame and rear quarter window.



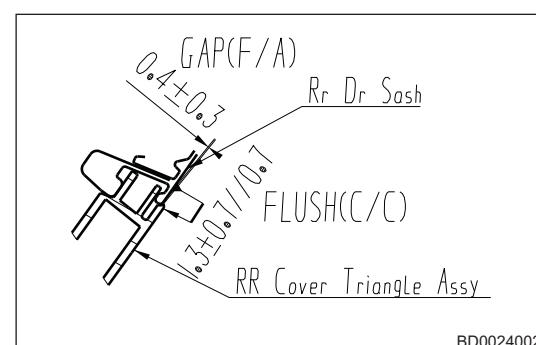
BD0022002

11. Assembly clearance between front door weather bar and rear door weather bar.



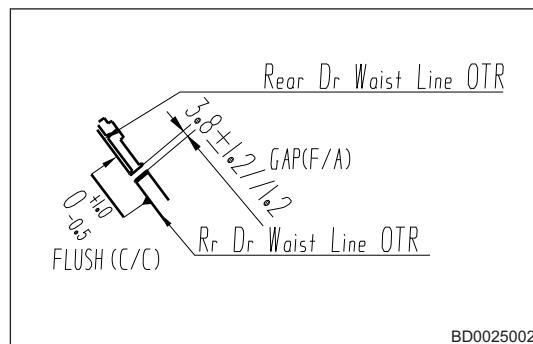
BD0023002

12. Assembly clearance between rear door window frame and rear triangular block window frame.



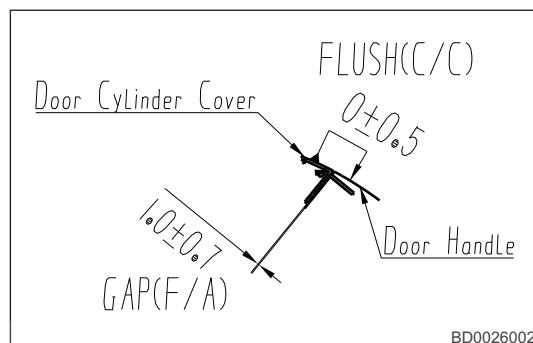
BD0024002

13. Assembly clearance between rear door glass outer weather bar and rear quarter window weather bar.



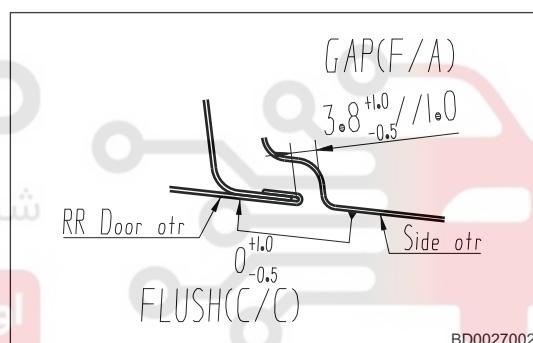
BD0025002

14. Assembly clearance between handle cover panel and door handle.



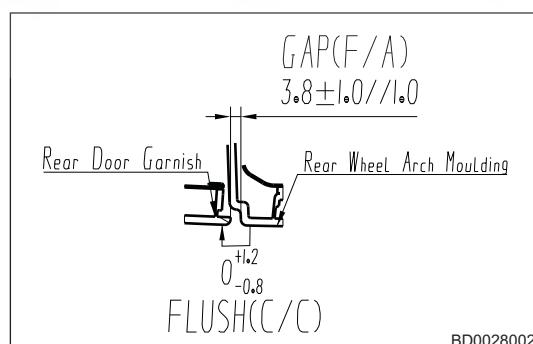
BD0026002

15. Assembly clearance between rear door outer panel and quarter outer panel.



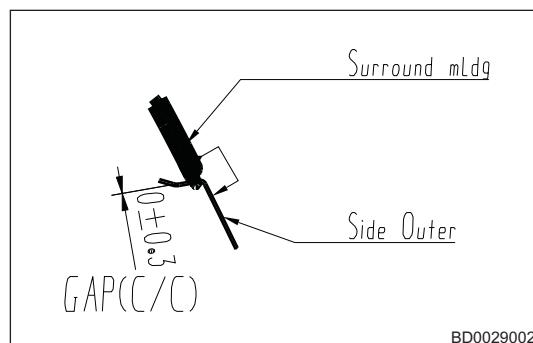
BD0027002

16. Assembly clearance between rear door trim panel and rear wheel arch trim panel.



BD0028002

17. Assembly clearance between quarter strip and quarter outer panel.



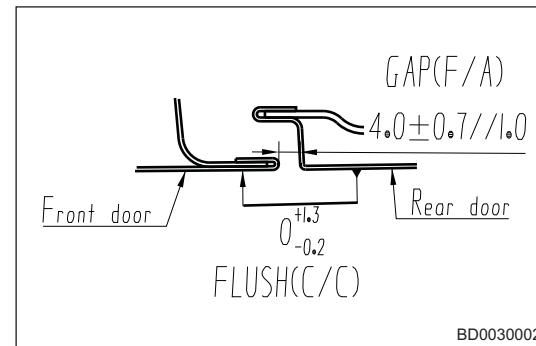
BD0029002

دیجیتال خودرو

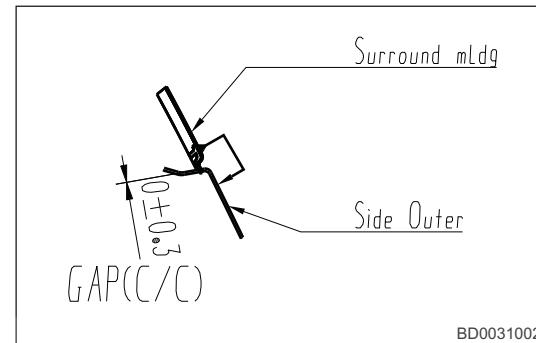
شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

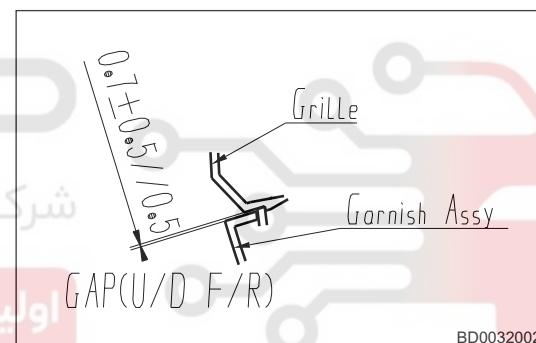
18. Assembly clearance between front door outer panel and rear door outer panel.



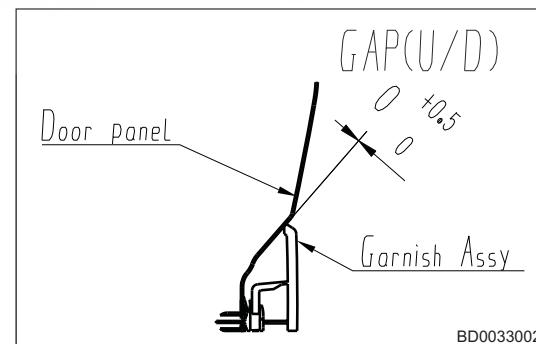
19. Assembly clearance between quarter strip and quarter outer panel.



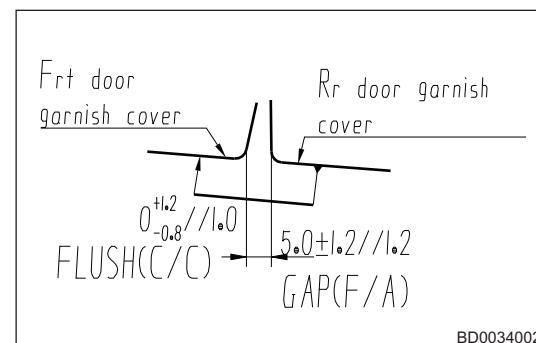
64 20. Assembly clearance between trim panel strip and door trim panel.



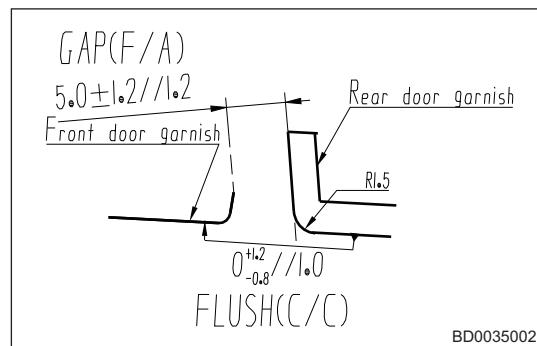
21. Assembly clearance between front/rear door outer panel and front/rear door trim panel.



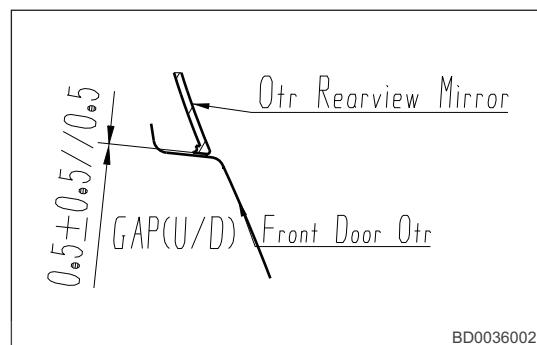
22. Assembly clearance between front door trim panel strip and rear door trim panel strip.



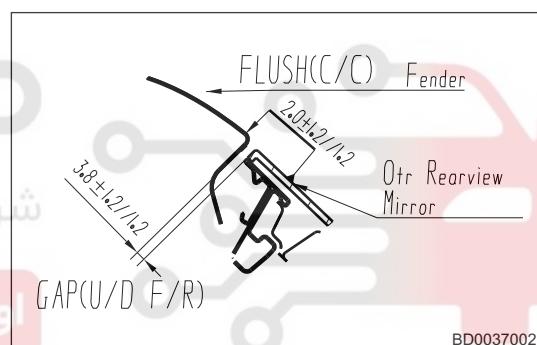
23. Assembly clearance between rear door trim panel and rear door trim panel.



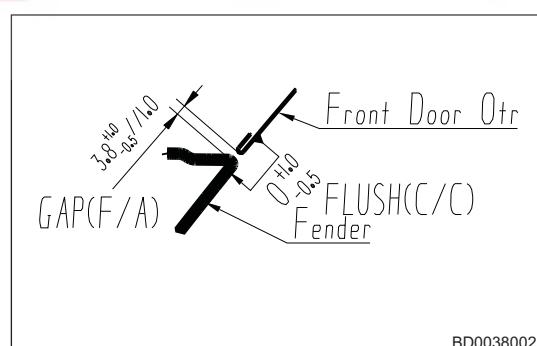
24. Assembly clearance between outside rear view mirror and front door outer panel.



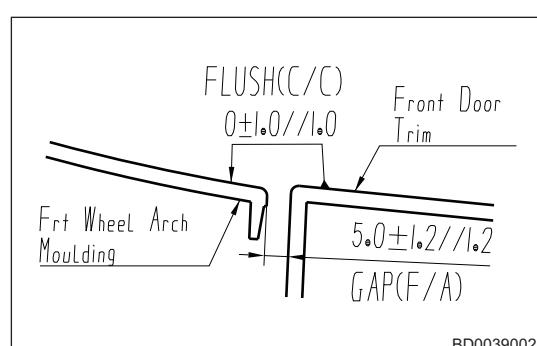
25. Assembly clearance between wing and outside rear view mirror.



26. Assembly clearance between front door outer panel and wing.



27. Assembly clearance between front door trim panel and front wheel arch trim panel.

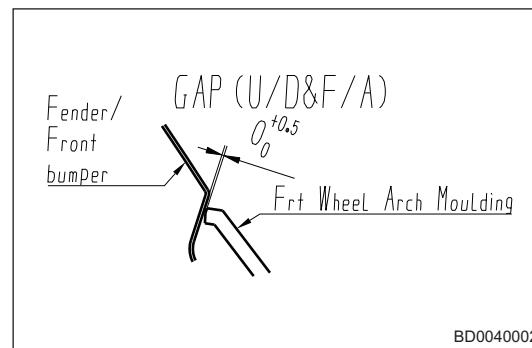


دیجیتال خودرو

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

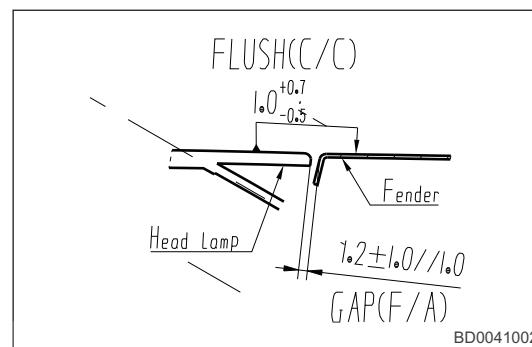
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28. Assembly clearance between wing/front bumper and front wheel arch trim panel.



BD0040002

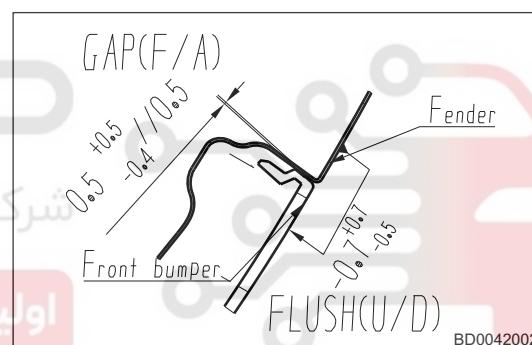
29. Assembly clearance between headlight and wing.



BD0041002

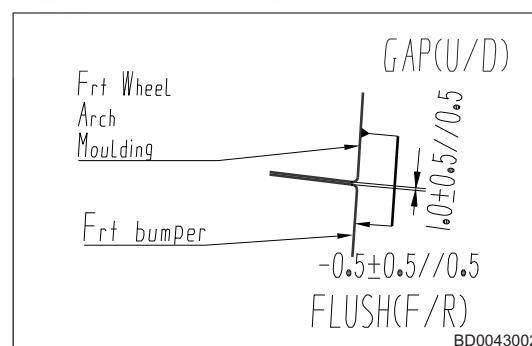
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30. Assembly clearance between front bumper and wing.



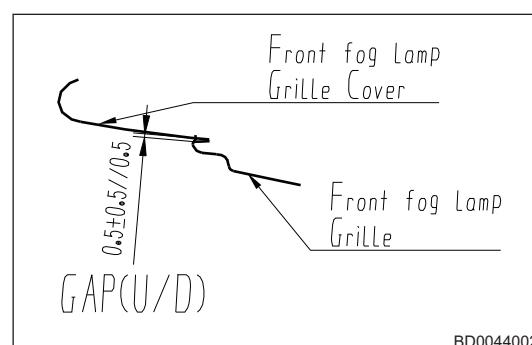
BD0042002

31. Assembly clearance between front wheel arch trim panel and front bumper.



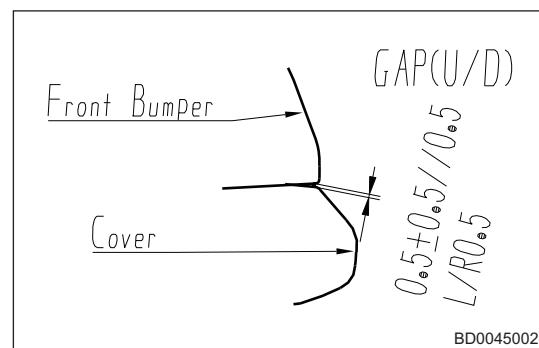
BD0043002

32. Assembly clearance between front fog light grille trim cover and front fog light grille.

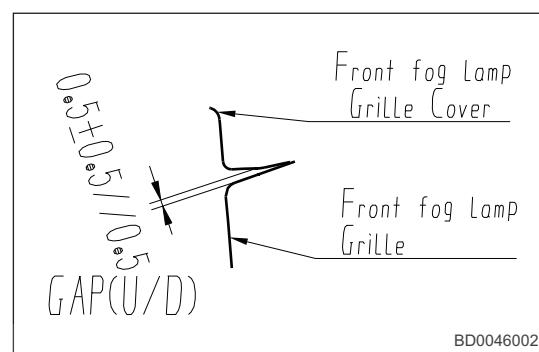


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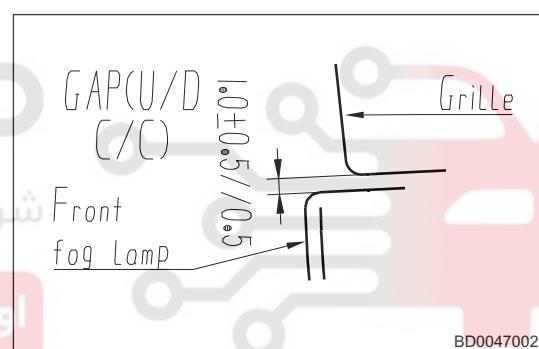
33. Assembly clearance between front bumper lower body and strip.



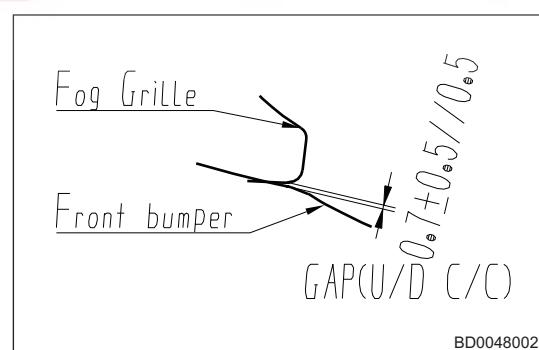
34. Assembly clearance between front fog light grille trim cover and front fog light grille.



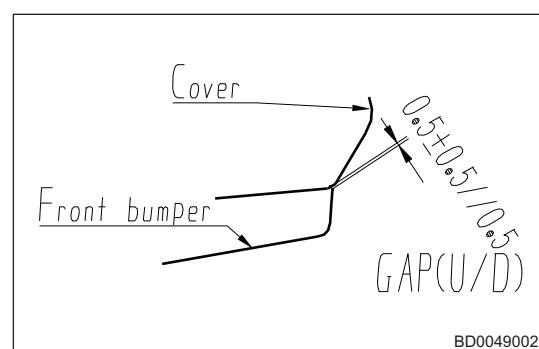
35. Assembly clearance between front fog light and grille.



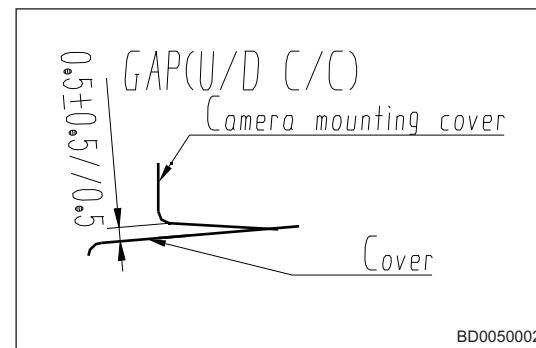
36. Assembly clearance between fog light grille and front bumper lower body.



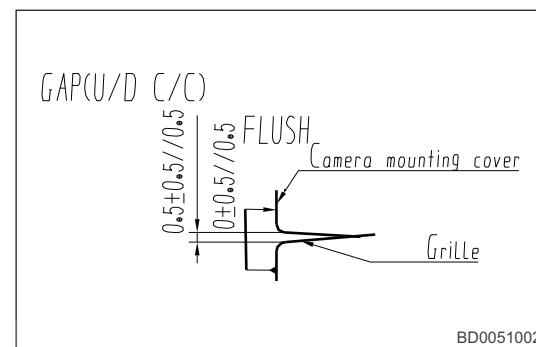
37. Assembly clearance between strip and front bumper lower body.



38. Assembly clearance between front camera trim cover and grille.

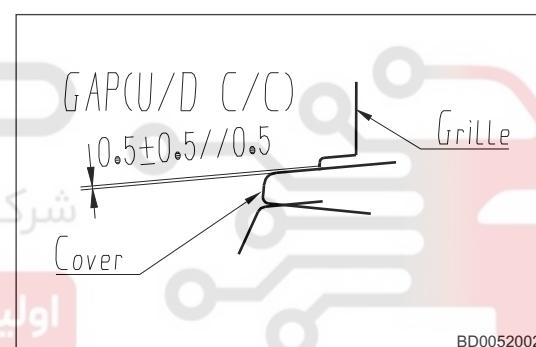


39. Assembly clearance between front camera trim cover and grille.

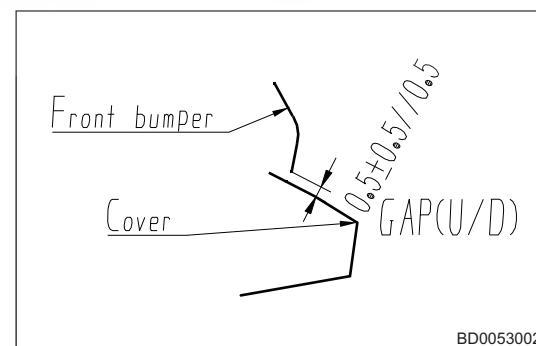


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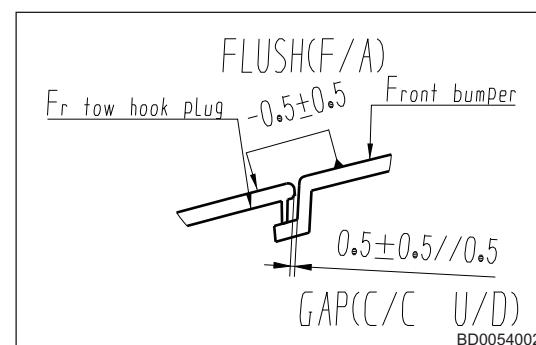
40. Assembly clearance between strip and grille.



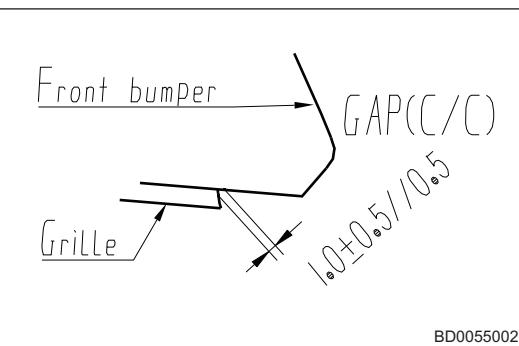
41. Assembly clearance between front bumper and strip.



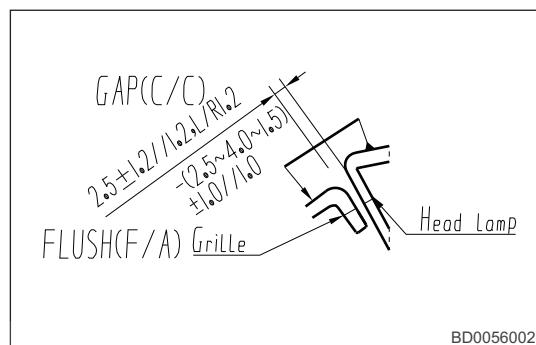
42. Assembly clearance between front towing hook cover and front bumper.



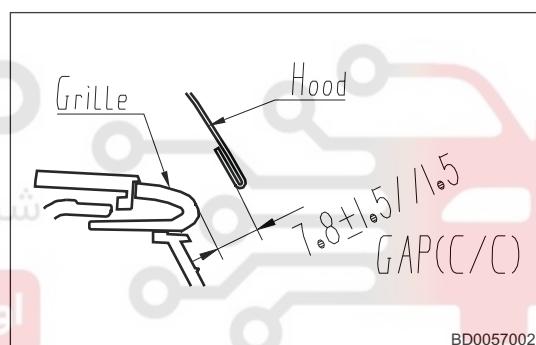
43. Assembly clearance between front bumper and grille.



44. Assembly clearance between grille and headlight.

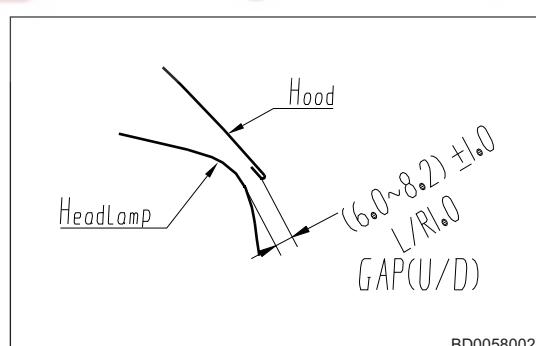


45. Assembly clearance between grille and engine hood.

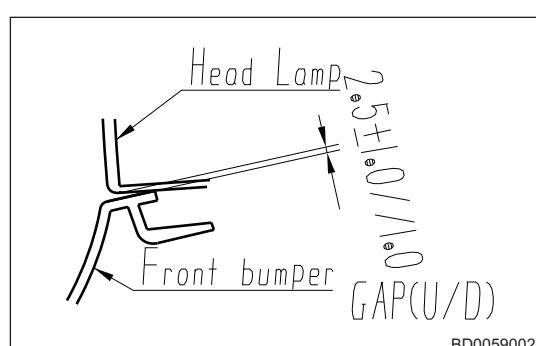


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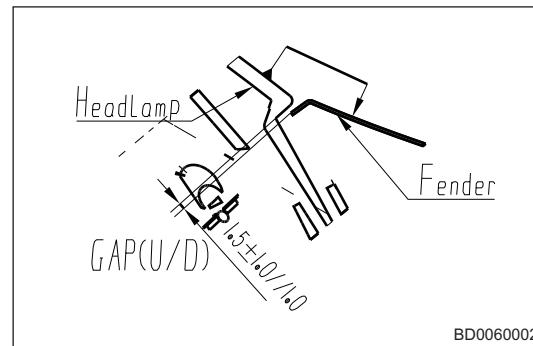
46. Assembly clearance between headlight and engine hood.



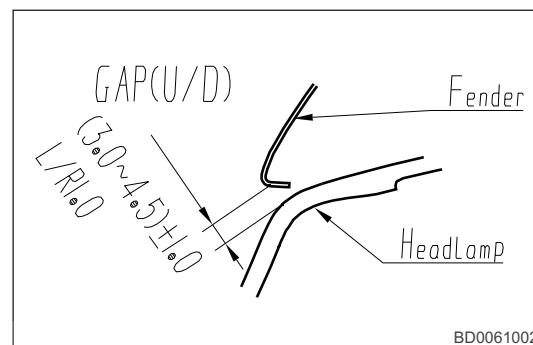
47. Assembly clearance between headlight and front bumper.



48. Assembly clearance between headlight and wing.

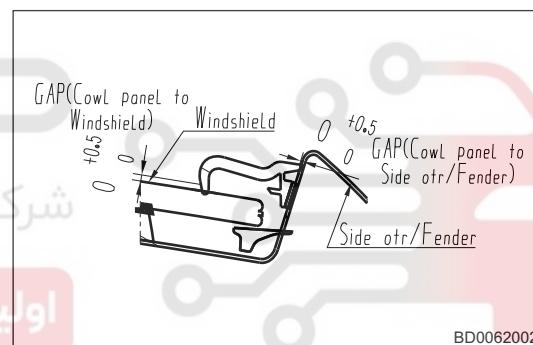


49. Assembly clearance between grille and headlight.

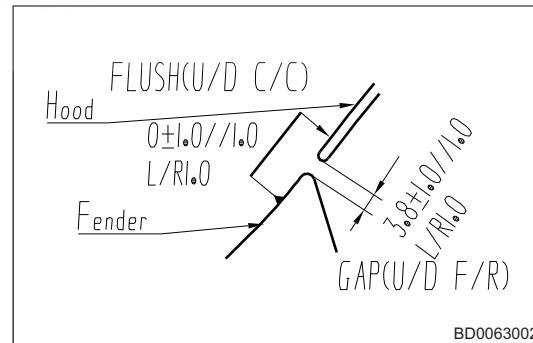


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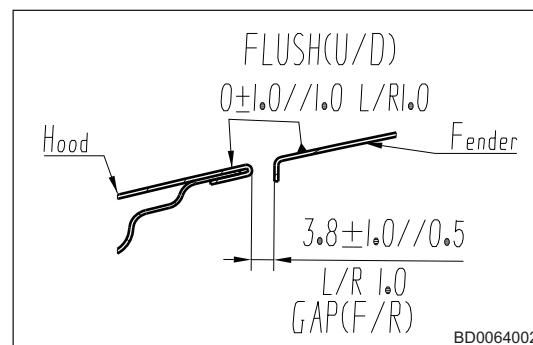
50. Assembly clearance between front windshield and quarter/wing.



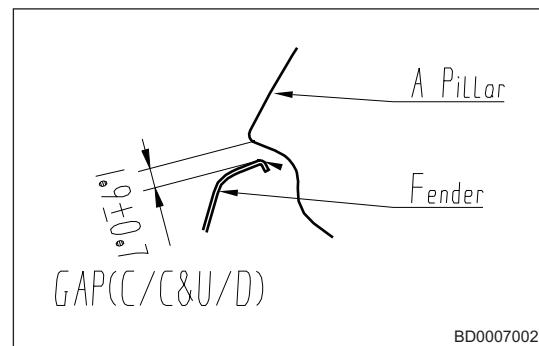
51. Assembly clearance between engine hood and wing.



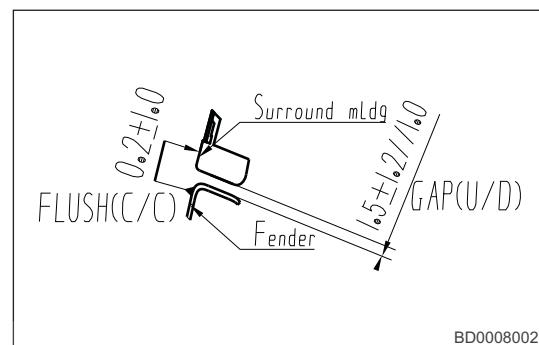
52. Assembly clearance between engine hood and wing.



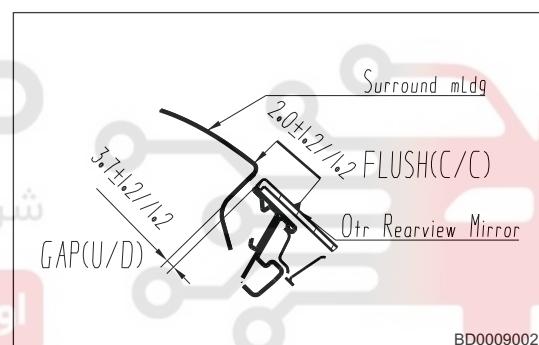
53. Assembly clearance between A-pillar and wing.



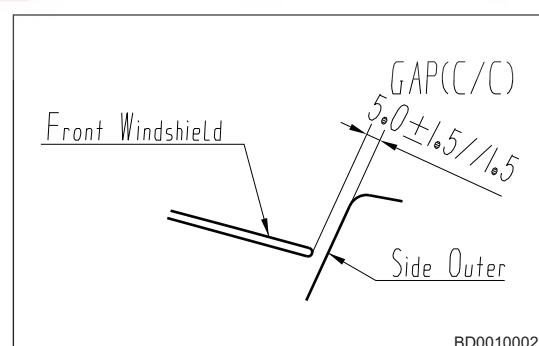
54. Assembly clearance between quarter strip and wing.



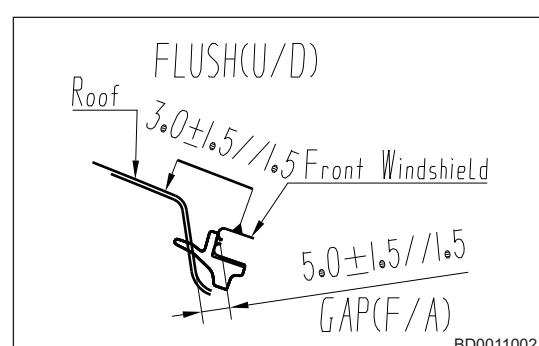
55. Assembly clearance between quarter strip and outside rear view mirror.



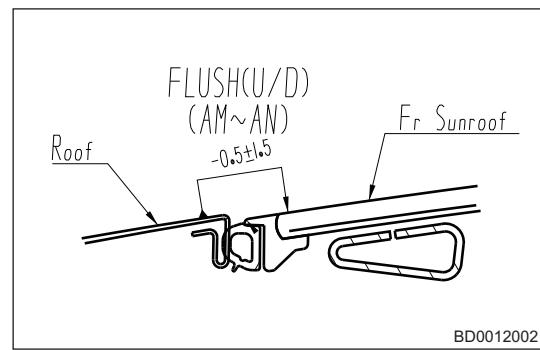
56. Assembly clearance glass between front windshield and quarter outer panel.



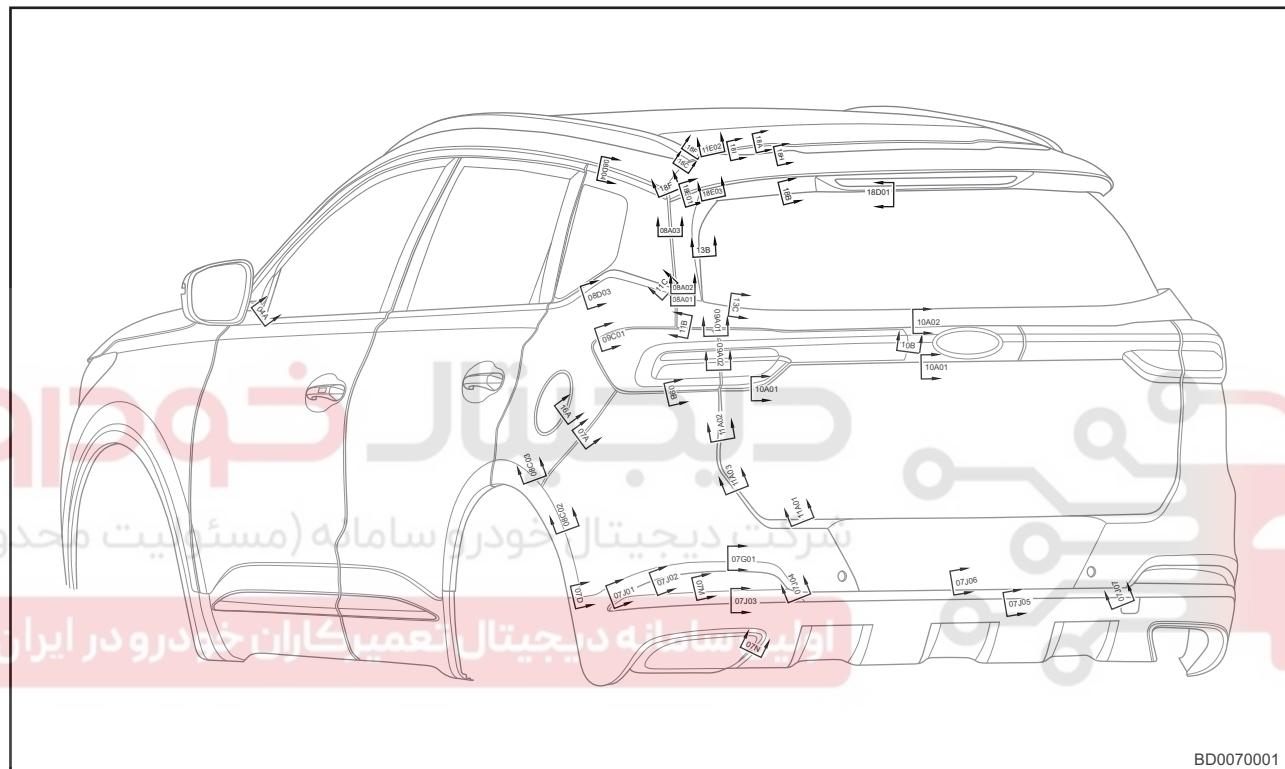
57. Assembly clearance between roof cover and front windshield.



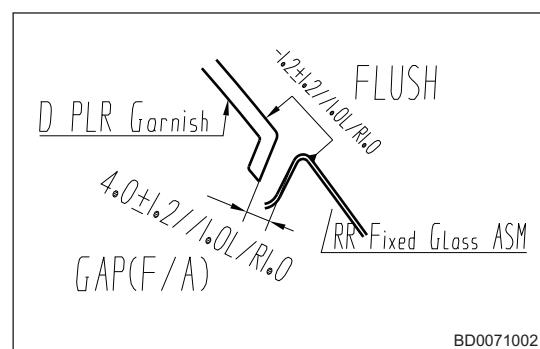
58. Assembly clearance between roof cover and front roof.



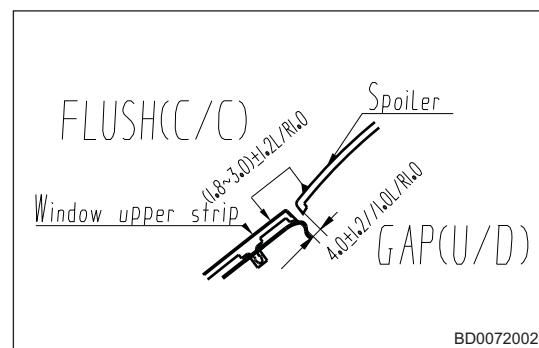
**Rear Body Assembly**



59. Assembly clearance between D-pillar trim panel and rear quarter window.

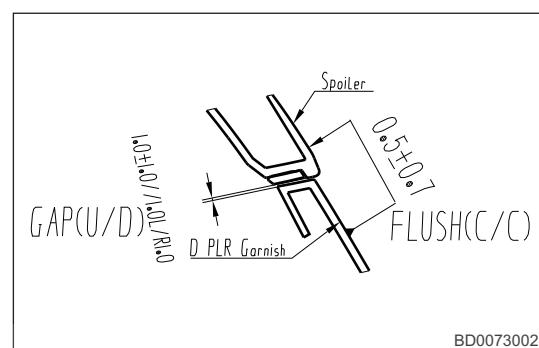


60. Assembly clearance between quarter window upper strip and spoiler.



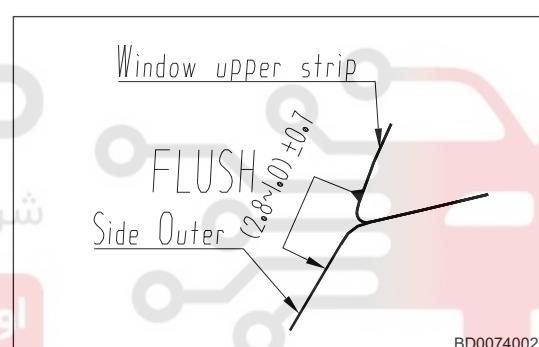
BD0072002

61. Assembly clearance between D-pillar trim panel and spoiler.



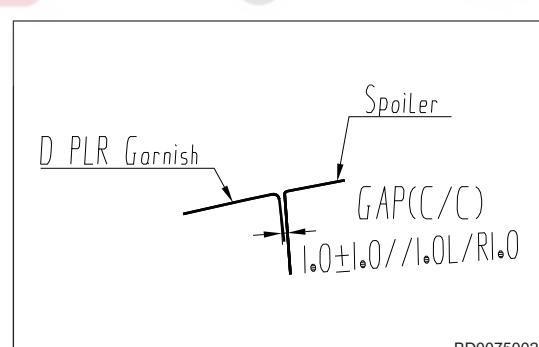
BD0073002

62. Assembly clearance between quarter upper strip and quarter outer panel.



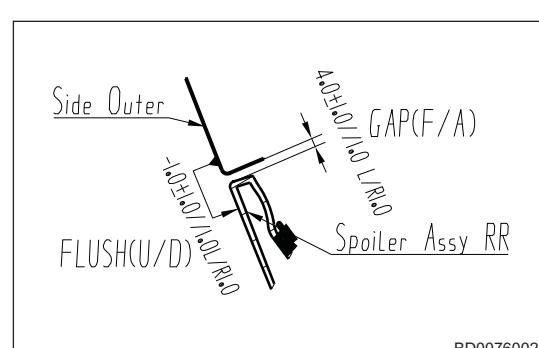
BD0074002

64



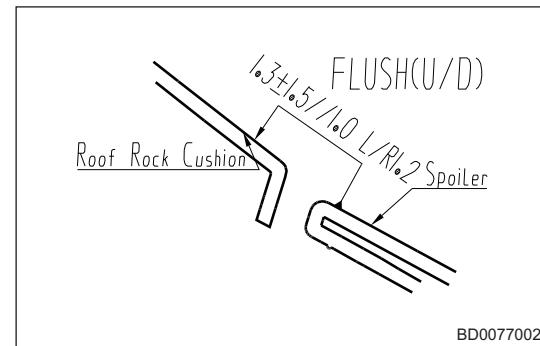
BD0075002

64. Assembly clearance between quarter outer panel and spoiler assembly.

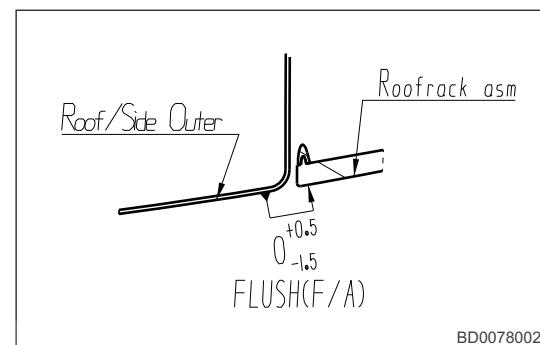


BD0076002

65. Assembly clearance between rear rack rubber pad and spoiler.

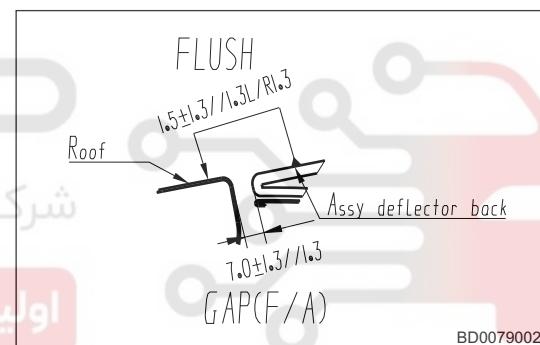


66. Assembly clearance roof cover/quarter and rack body.

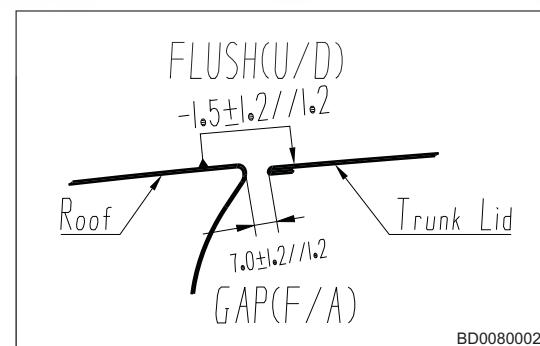


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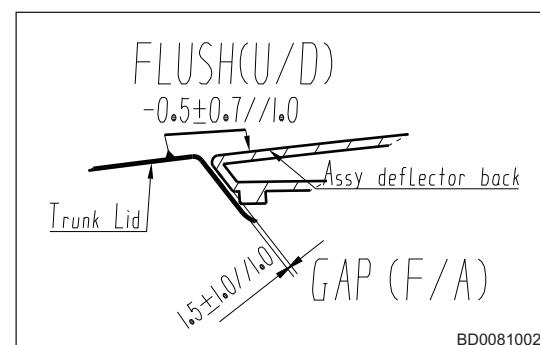
67. Assembly clearance between roof cover outer panel and rear spoiler assembly.



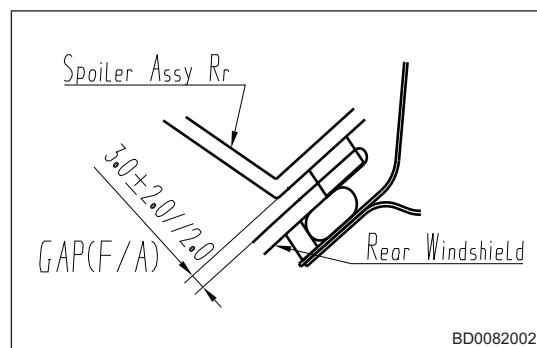
68. Assembly clearance between roof cover and back door.



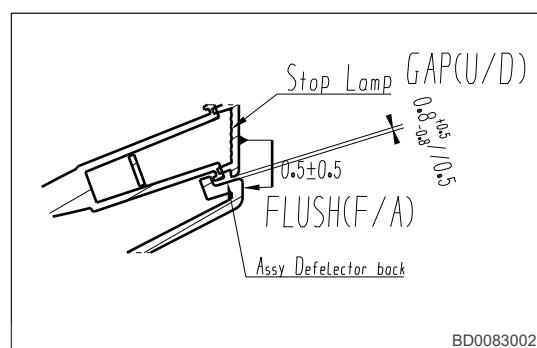
69. Assembly clearance between back door outer panel and spoiler.



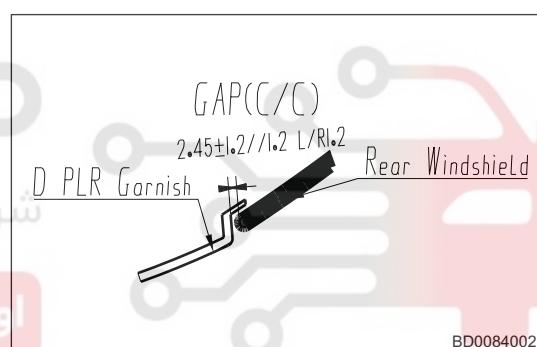
70. Assembly clearance between spoiler assembly and rear windshield.



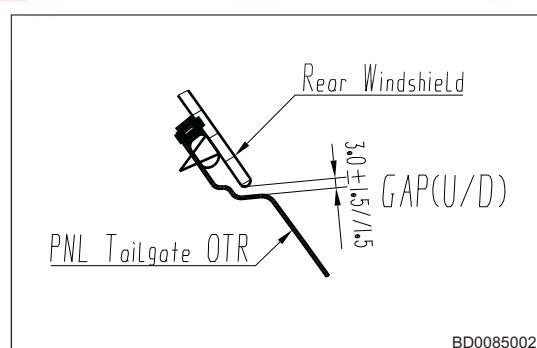
71. Assembly clearance between high mounted brake light and spoiler.



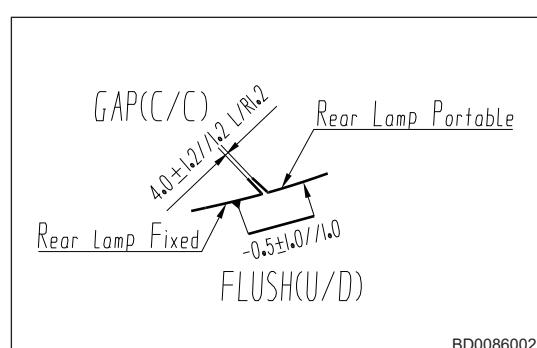
72. Assembly clearance between D-pillar trim panel and rear windshield.



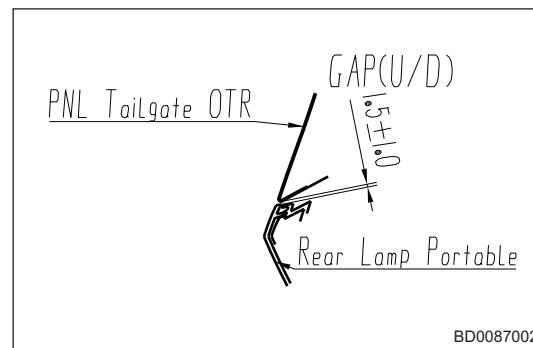
73. Assembly clearance between rear windshield and back door outer panel.



74. Assembly clearance between combination light (fixed) and combination light (movable).

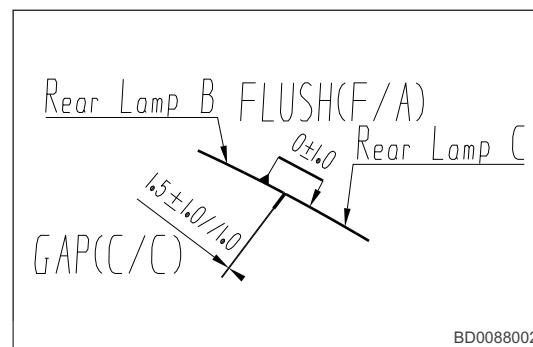


75. Assembly clearance between back door outer panel and combination light (movable).



BD0087002

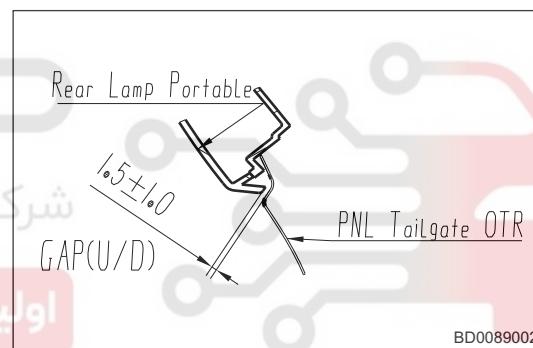
76. Assembly clearance between combination light B (movable) and combination light C (movable).



BD0088002

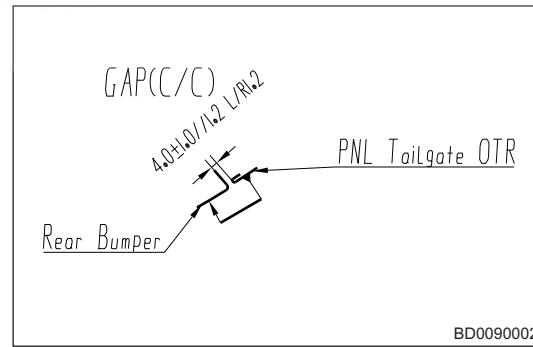
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77. Assembly clearance between combination light (movable) and back door outer panel.



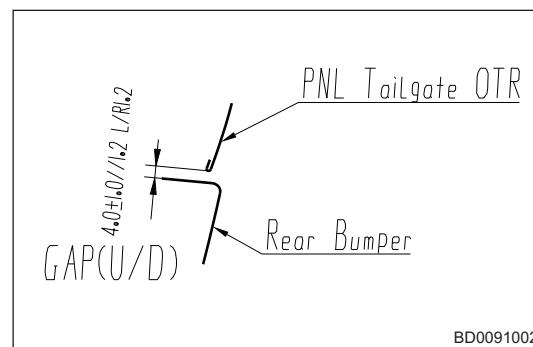
BD0089002

78. Assembly clearance between rear bumper body and back door outer panel.



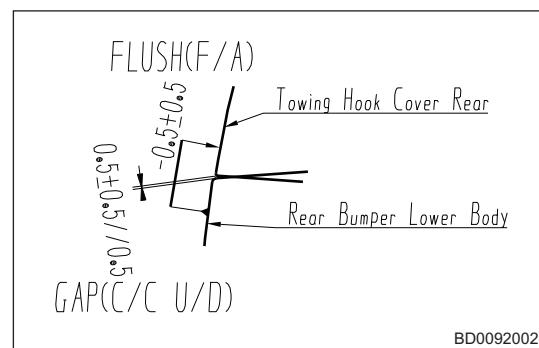
BD0090002

79. Assembly clearance between back door outer panel and rear bumper body.

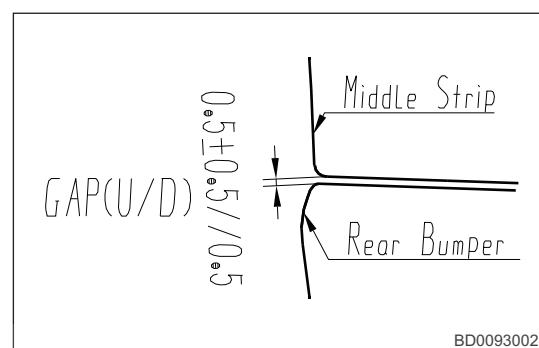


BD0091002

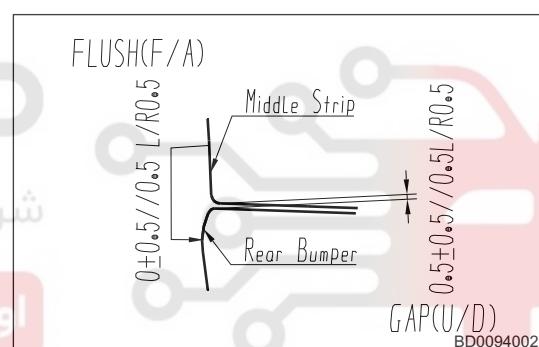
80. Assembly clearance between rear towing hook cover and rear bumper lower body.



81. Assembly clearance between center strip and rear bumper.

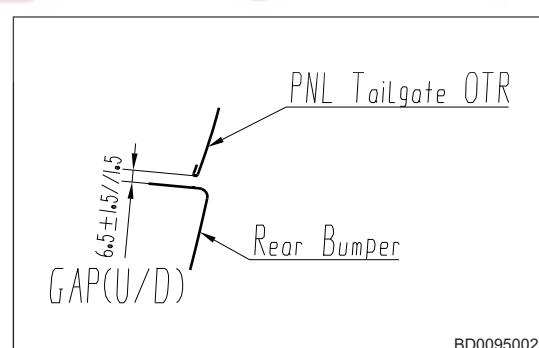


82. Assembly clearance between center strip and rear bumper lower body.

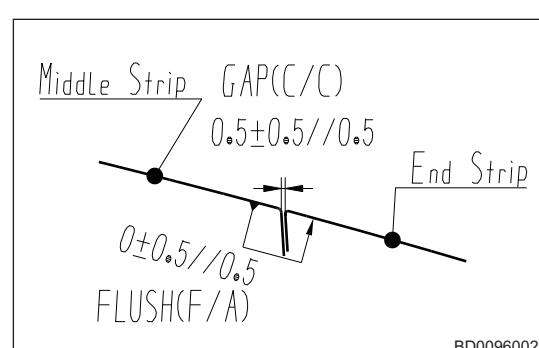


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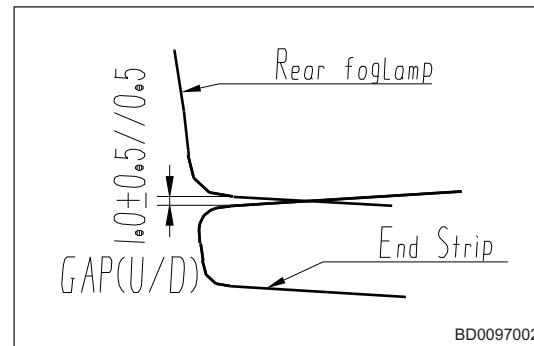
83. Assembly clearance between back door outer panel and rear bumper body.



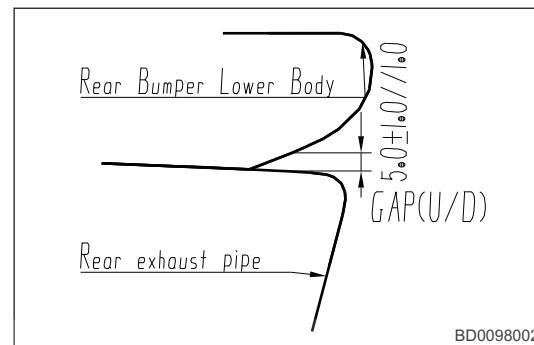
84. Assembly clearance between center strip and left/right strips.



85. Assembly clearance between fog light and left/right strips.

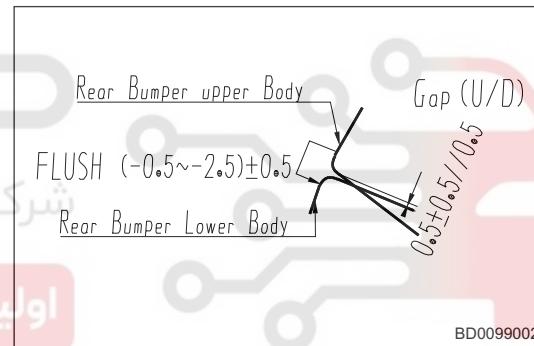


86. Assembly clearance between rear bumper lower body and exhaust tailpipe.

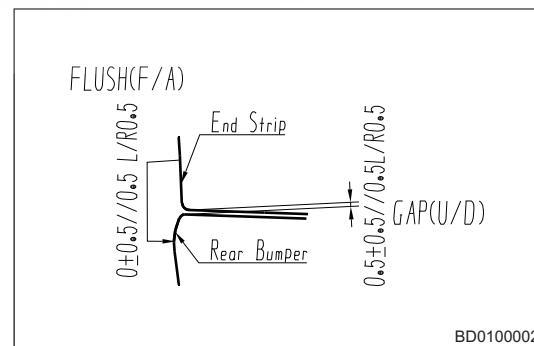


64

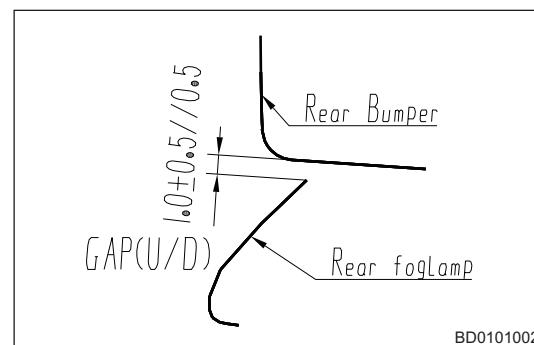
87. Assembly clearance between rear bumper upper body and rear bumper lower body.



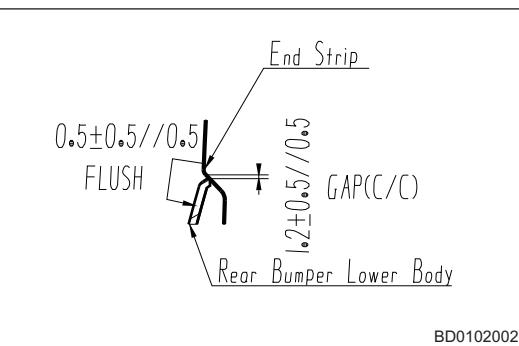
88. Assembly clearance between left/right strips and rear bumper lower body.



89. Assembly clearance between rear bumper body and fog light.

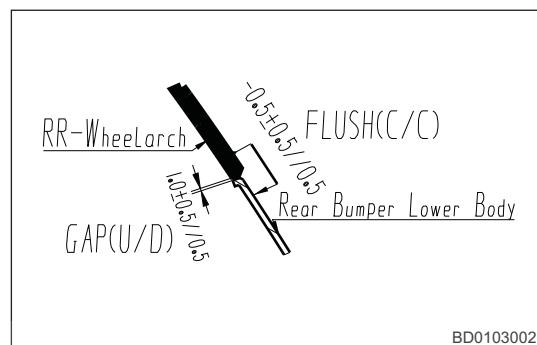


90. Assembly clearance between left/right strips and rear bumper lower body.



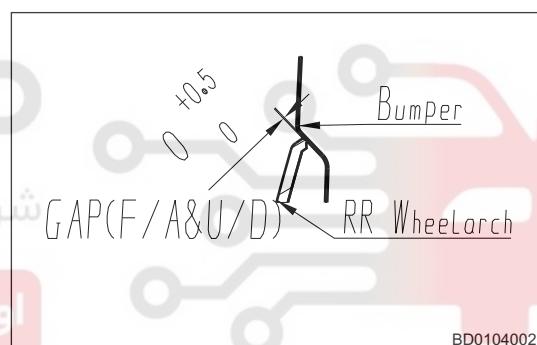
BD0102002

91. Assembly clearance between rear wheel arch and rear bumper lower body.



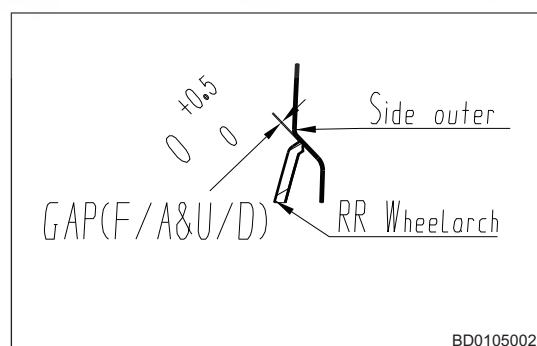
BD0103002

92. Assembly clearance between rear bumper and rear wheel arch.



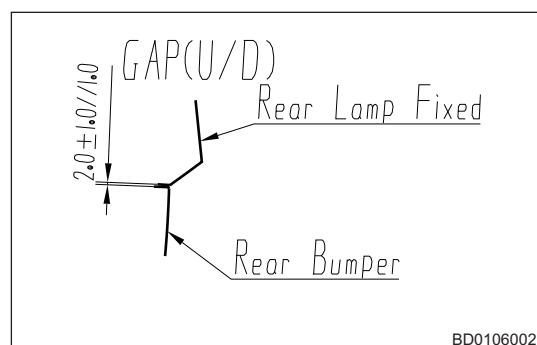
BD0104002

93. Assembly clearance between quarter and rear wheel arch.



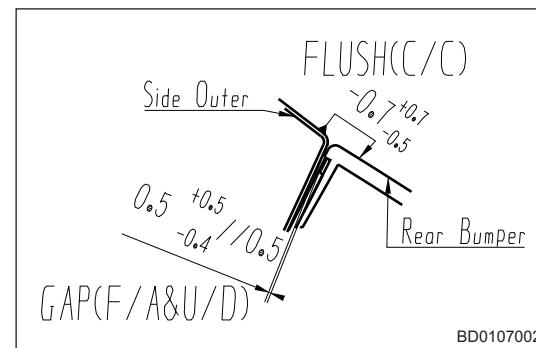
BD0105002

94. Assembly clearance between combination light (fixed) and rear bumper body.

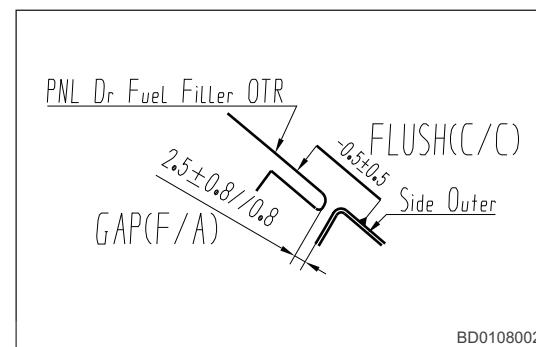


BD0106002

95. Assembly clearance between quarter outer panel and rear bumper body.

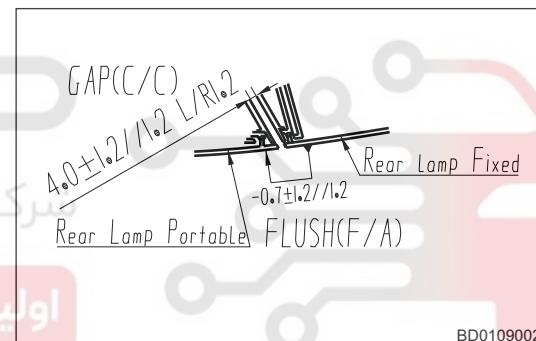


96. Assembly clearance between fuel filler cap outer panel and quarter outer panel.

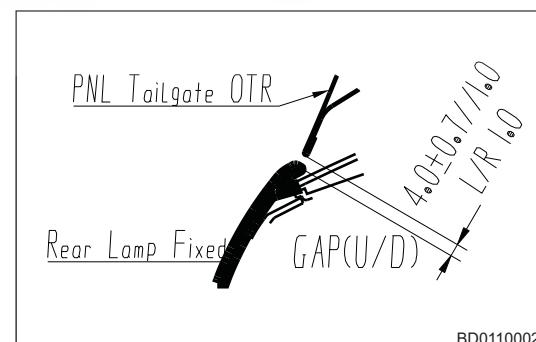


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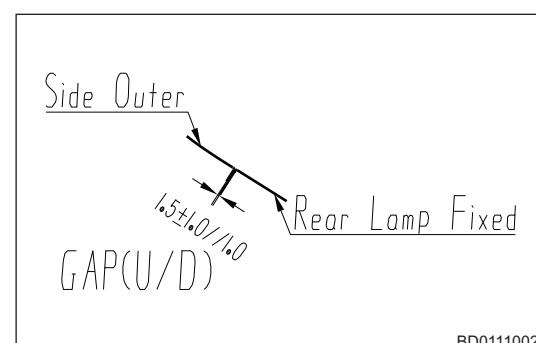
97. Assembly clearance between combination light (movable) and combination light (fixed).



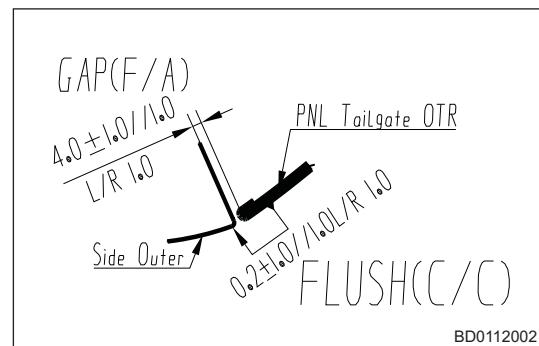
98. Assembly clearance between back door outer panel and combination light (fixed).



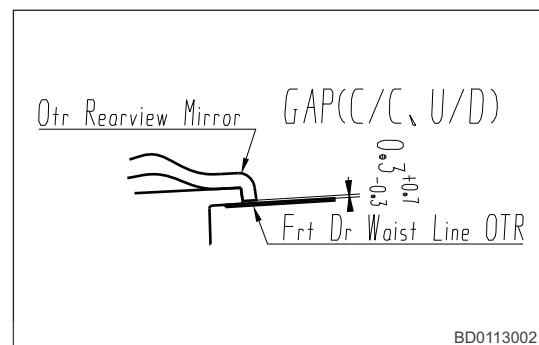
99. Assembly clearance between quarter outer panel and combination light (fixed).



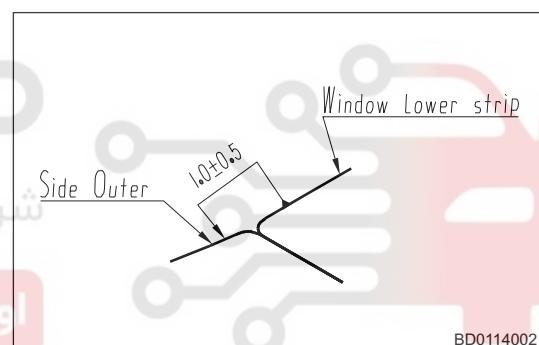
100. Assembly clearance between quarter outer panel and back door outer panel.



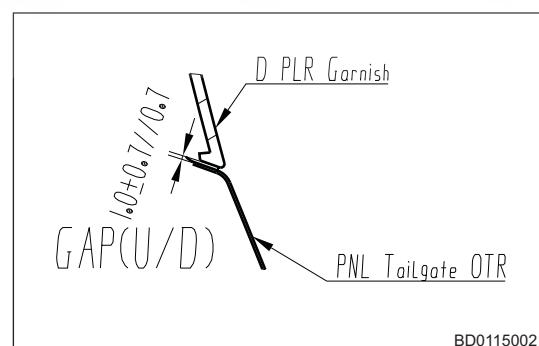
101. Assembly clearance between outside rear view mirror and front door glass outer weather bar.



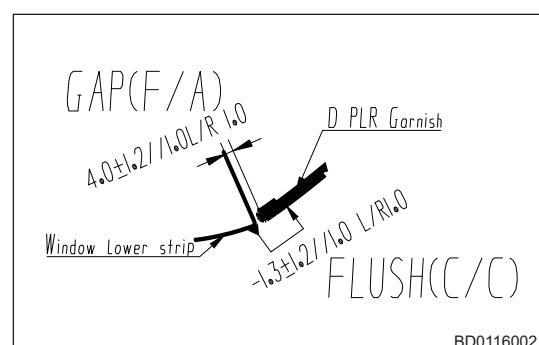
102. Assembly clearance between quarter outer panel and quarter window lower strip.



103. Assembly clearance between D-pillar trim panel and back door outer panel.



104. Assembly clearance between quarter window lower strip and D-pillar trim panel.



# دیجیتال خودرو

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

