

# FRONT BUMPER

< SERVICE INFORMATION >

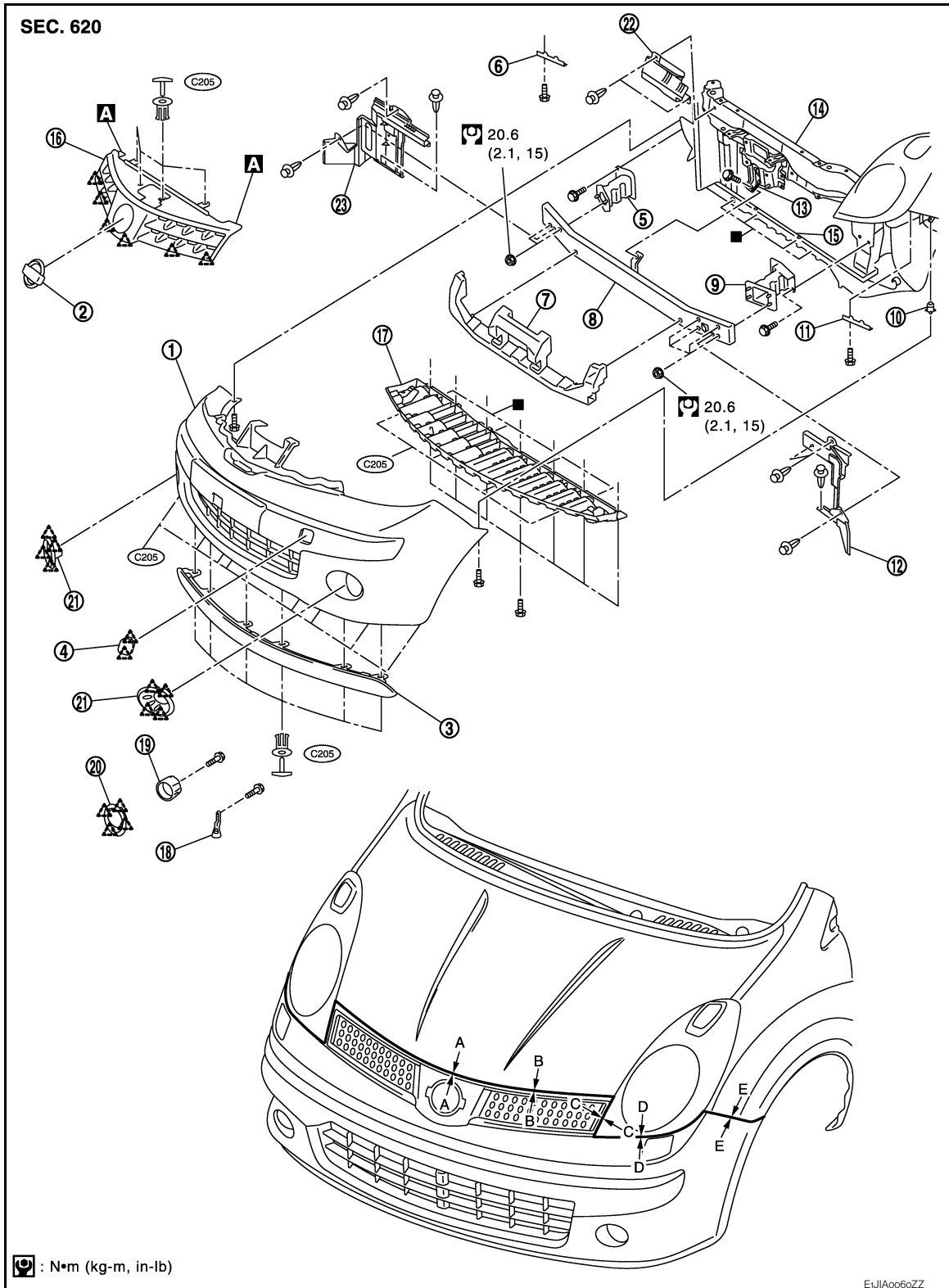
## FRONT BUMPER

### Removal and Installation

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#### CAUTION:


Bumper fascia is made of plastic. Do not use excessive force and be sure to protect it from exposure to oil.




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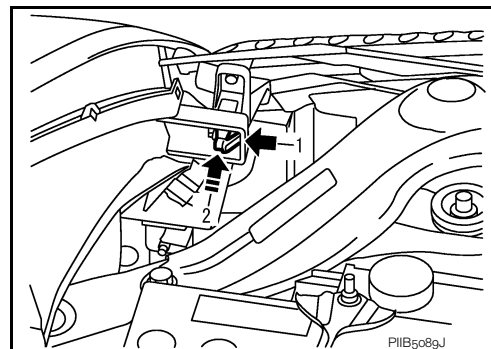
- |  |   |   |
|--|---|---|
| 1. Bumper fascia                         | 2. Front emblem                                 | 3. Front deflector  |
| 4. Towing cover                          | 5. Bumper stay RH                               | 6. Bumper side bracket RH                                 |
| 7. Bumper energy absorber                | 8. Bumper reinforcement                         | 9. Bumper stay LH   |
| 10. Grommet                              | 11. Bumper side bracket LH                      | 12. Front air guide LH                                    |
| 13. Hook lock support stay               | 14. Radiator core upper support                 | 15. Radiator core lower support                           |
| 16. Front grille                         | 17. Bumper under cover                          | 18. Guide   |
| 19. Front fog lamp (if equipped)         | 20. Fog lamp finisher (if equipped)             | 21. Bumper fascia finisher (model without front fog lamp) |
| 22. Front air guide RH (K9K engine only) | 23. Front air guide RH (CR and HR engines only) |   |

 : Pawl

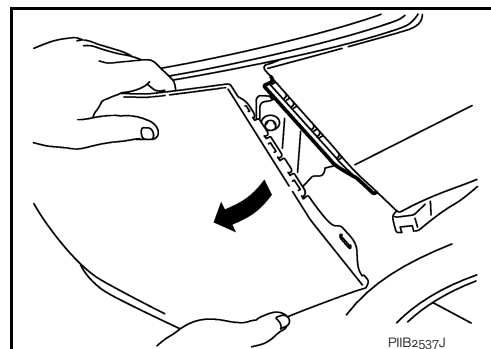
 : Refer to text

## REMOVAL

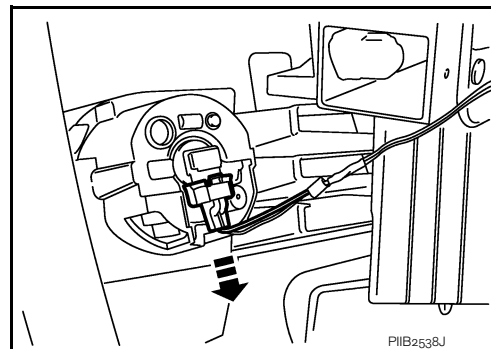
1. Remove front mud guard (if equipped). Refer to [EI-15](#).
2. Remove fender protector fixing bolts. Remove partially fender protectors (right, left) to access to bumper fascia mountings bolts. Refer to [EI-14](#).
3. Remove front bumper lower clips.
4. Squeeze the front grille fasteners LH and RH to the outside direction (arrow direction 1) and push forward to release (arrow direction 2).



5. Remove mounting bolts from both side of front bumper.
6. Raise the front bumper and pull to release it from the front fender on both sides.



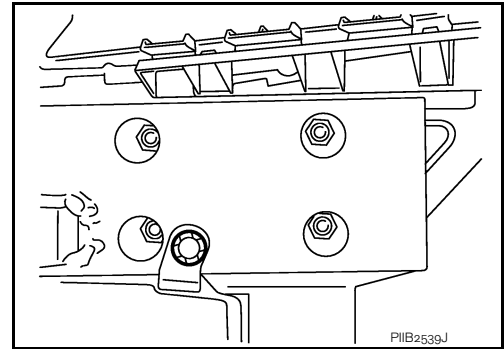
7. Disconnect front fog lamps harness connectors (if equipped) on both sides.
8. Remove the front bumper assembly from the vehicle.  
**NOTE:**  
This operation requires two workers
9. Remove front fog lamp finisher (if equipped). Refer to [LT-75. "Removal and Installation"](#).
10. Remove front fog lamp (if equipped). Refer to [LT-75. "Removal and Installation"](#).
11. Remove the front bumper energy absorber.



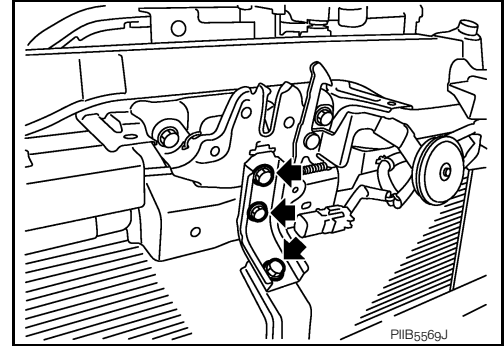
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12. Remove clip from bumper reinforcement on both sides.



13. Remove bolts from hook lock support stay.



14. Remove four mounting nuts on the LH and two mounting nuts on the RH of bumper reinforcement, and remove the bumper reinforcement from the body.

15. Remove bumper stay LH and RH, bumper side brackets LH and RH, front air guide LH and RH.

### INSTALLATION

Install in the reverse order of removal.

#### NOTE:

After installation, adjust the clearance.

	Portion	Clearance mm (in)
Front grille - Hood	A - A	$6.5 \pm 2.0$ (0.256 $\pm$ 0.079)
Front grille - Hood	B - B	$6.5 \pm 2.0$ (0.256 $\pm$ 0.079)
Front grille - Head lamp	C - C	$2.5 \pm 1.5$ (0.098 $\pm$ 0.059)
Front bumper - Head lamp	D - D	$2.0 \pm 1.6$ (0.079 $\pm$ 0.063)
Front bumper - Front fender	E - E	$0.0 + 1.0$ (0.000 + 0.039)