## FRONT BUMPER COMPONENTS

760C9-02

76–1



2002 CAMRY REPAIR MANUAL (RM881U)

## REPLACEMENT

HINT:

Installation is in the reverse order of the removal. But the installation is indicated only when it has a point.

- 1. REMOVE ENGINE UNDER COVER LH
- (a) Remove the 4 screws.
- (b) Using a screwdriver, remove the 4 clips and engine under cover.
- 2. REMOVE ENGINE UNDER COVER RH
- (a) Remove the 3 screws.
- (b) Using a screwdriver, remove the 3 clips and engine under cover.



#### 3. REMOVE FRONT FENDER LINER LH

(a) Remove the screw and a part of the front fender liner LH. HINT:

Remove the screw and the front fender liner LH within the range that the front bumper cover can be removed.

4. REMOVE FRONT FENDER LINER RH



#### 5. REMOVE FRONT BUMPER COVER

- (a) Remove the 2 screws and 2 bolts.
- (b) Using a clip remover, remove the clip.
- (c) Disengage the hooks and remove the front bumper cover.
- (d) Disconnect the fog lamp connectors (on the fog lamp option only).
- 6. REMOVE FRONT BUMPER ENERGY ABSORBER

#### 7. REMOVE FRONT BUMPER REINFORCEMENT SUB-ASSY

- (a) Disconnect the cooler thermistor connector and wire harness clips.
- (b) Remove the 6 bolts and reinforcement.

#### 8. REMOVE FRONT BUMPER REINFORCEMENT SUB-ASSY UPPER

- (a) Remove the 8 bolts, 4 nuts and frontbumper reinforcement sub-assy upper.
- 9. REMOVE FOG LAMP ASSY LH (See page 65–12)
- 10. REMOVE FOG LAMP ASSY (See page 65–12)
- 11. REMOVE COOLER (AMBIENT TEMP. SENSOR) THERMISTOR
- 12. REMOVE FRONT BUMPER EXTENTION MOUNTING BRACKET (Only TMC made)
- 13. REMOVE FRONT BUMPER COVER LOWER (Only TMC made)

760BN-03

#### 14. REMOVE FRONT BUMPER HOLE COVER RH

- (a) Disengage the hooks and remove the front bumper hole cover.
- 15. REMOVE FRONT BUMPER HOLE COVER LH
- 16. INSTALL FRONT BUMPER REINFORCEMENT SUB-ASSY
- (a) Install the front bumper reinforcement with 6 bolts.

Torque: 34 N m (350 kgf cm, 25 ft lbf)

## REAR BUMPER COMPONENTS



760BL-03

## REPLACEMENT

HINT:

Installation is in the reverse order of the removal. But the installation is indicated only when it has a point.

- 1. REMOVE LUGGAGE COMPARTMENT FLOOR MAT
- 2. REMOVE SPARE WHEEL COVER ASSY
- 3. REMOVE LUGGAGE COMPARTMENT SIDE COVER SUB-ASSY RH
- 4. REMOVE LUGGAGE COMPARTMENT TRIM HOOK NO.1
- (a) Remove the 2 bolts and luggage compartment trim hooks.



- 5. REMOVE REAR FLOOR FINISH PLATE
- (a) Disengage the clips and remove the rear floor finish plate.
- 6. REMOVE LUGGAGE COMPARTMENT TRIM COVER INNER RH
- (a) Using a clip remover, remove the 2 clips and luggage compartment trim cover inner.
- 7. REMOVE LUGGAGE COMPARTMENT TRIM COVER INNER LH

#### 8. REMOVE REAR BUMPER COVER

- (a) Remove the 8 nuts, 4 bolts and 4 clips.
- (b) Remove the 2 screws and rear bumper cover.
- (c) Disengage the rear bumper seal bracket and remove the rear bumper cover.



- 9. REMOVE REAR BUMPER SIDE RETAINER RH
- (a) Remove the clip and rear bumper side retainer. (Only TMC made)
- (b) Remove the rivet and rear bumper side retainer. (Only TMMK made)
- 10. REMOVE REAR BUMPER SIDE RETAINER LH

#### 11. REMOVE REAR BUMPER RETAINER UPPER RH

- (a) Remove the 3 clips and rear bumper retainer upper. (Only TMC made)
- (b) Remove the 4 rivets and rear bumper retainer upper. (Only TMMK made)
- 12. REMOVE REAR BUMPER RETAINER UPPER LH
- 13. REMOVE REAR BUMPER ENERGY ABSORBER
- 14. REMOVE REAR BUMPER REINFORCEMENT SUB-ASSY
- (a) Remove the 6 nuts and rear bumper reinforcement.
- 15. INSTALL REAR BUMPER REINFORCEMENT SUB-ASSY
- (a) Install the front bumper reinforcement with 6 nuts.
  Torque: 34 N·m (350 kgf·cm, 25 ft·lbf)

760BM-02

# REAR SPOILER SUB-ASSY REPLACEMENT

#### HINT:

Installation is in the reverse order of the removal. But the installation is indicated only when it has a point. **1. REMOVE LUGGAGE COMPARTMENT DOOR COVER** 

- (a) Remove the 15 clips and luggage compartment door cover.
- 2. REMOVE REAR SPOILER SUB-ASSY
- (a) Remove the 2 nuts.
- (b) Put protective tape onto the body.
- (c) Using a heat light, heat the spoiler  $40 60^{\circ}$ C ( $104 140^{\circ}$ F).

#### NOTICE:

#### Do not heat the spoiler excessively.



- (d) Tie both piano wire ends to wooden blocks or similar objects.
  - (1) Scrape the adhesive tape off by pulling the piano wire as shown in the illustration.
  - (2) If reusing the rear spoiler, take care not to damage the rear spoiler.

#### NOTICE:

#### Do not damage the body.

(e) Disconnect the connector.



(f) Remove the 2 clips and rear spoiler.

3. REMOVE CENTER STOP LAMP ASSY (See page 65–16)

#### 4. INSTALL REAR SPOILER SUB-ASSY

(a) Using a heat light, heat the body mounting surface to  $40 - 60^{\circ}$ C ( $104 - 140^{\circ}$ F). **NOTICE:** 

#### Do not heat the body excessively.

- (b) Remove the protective tape from the body.
- (c) Wipe off the stains with cleaner.

760BK-02

- (d) Clean the rear spoiler (if reusing the spoiler).
  - (1) Using a heat light, heat the rear spoiler to  $40 60^{\circ}$ C ( $104 140^{\circ}$ F).

#### NOTICE:

#### Do not heat the spoiler excessively.

- (2) Remove the adhesive tape from the rear spoiler.
- (3) Wipe off the stains with cleaner.



(4) Install new adhesive tape to the rear spoiler as shown in the illustration.

(e) Using a heat light, heat the body and moulding. HINT:

- Body: 40 60°C (104 140°F)
- Moulding: 20 30°C (68 86°F)
- (f) Install the rear spoiler with 2 nuts.

# NAME PLATE REPLACEMENT



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2711

Date :

760BZ-01

# FRONT DOOR BELT MOULDING ASSY LH REPLACEMENT

HINT:

- Installation is in the reverse order of the removal. But the installation is indicated only when it has a point.
- In the RH side, work in the same procedure as in the LH side.
- REMOVE POWER WINDOW REGULATOR MASTER SWITCH ASSY (See page 75–8)
- 2. REMOVE FRONT DOOR LOWER FRAME BRACKET GARNISH LH (See page 75–8)
- 3. REMOVE FRONT DOOR INSIDE HANDLE BEZEL PLUG LH (See page 75–8)
- 4. REMOVE FRONT DOOR TRIM BOARD SUB-ASSY LH (See page 75-8)
- 5. REMOVE OUTER REAR VIEW MIRROR ASSY LH (See page 75–8)



#### REMOVE FRONT DOOR BELT MOULDING ASSY LH

- (a) Put protective tape under the front door belt moulding.
- (b) Using a moulding remover or scraper, remove the front door belt moulding.

HINT:

Tape the scraper tip before use.

760CA-01

# REAR DOOR BELT MOULDING ASSY LH REPLACEMENT

#### HINT:

- Installation is in the reverse order of the removal. But the installation is indicated only when it has a point.
- In the RH side, work in the same procedure as in the LH side.



#### REMOVE REAR DOOR BELT MOULDING ASSY LH

- (a) Put protective tape under the rear door belt moulding.
- (b) Using a moulding remover or scraper, remove the rear door belt moulding.

HINT:

Tape the scraper tip before use.

760CB-01

# ROOF DRIP SIDE FINISH MOULDING CENTER LH REPLACEMENT

#### HINT:

- Installation is in the reverse order of the removal. But the installation is indicated only when it has a point.
- In the RH side, work in the same procedure as in the LH side.



#### 1. REMOVE ROOF DRIP SIDE FINISH MOULDING CENTER LH

- (a) Tape the circumference of the moulding for protection.
- (b) Using a remover for the roof moulding, release the engagements of the clips both in the front and rear ends of the moulding, and then remove the roof drip side finish moulding.

#### NOTICE:

- Do not remove the clips.
  - If the clips are damaged or removed accidentally, exchange them for supplied ones.

### 2. INSTALL ROOF DRIP SIDE FINISH MOULDING CLIP NO.1

#### NOTICE:

#### Only when exchanging the clips.

- (a) Remove the adhesive tape that remains on the mounting surface of the body, and then clean the surface with white gasoline.
- (b) Heat up the clip installation surfaces of the body with a heat light. Body: 40 - 60°C (104 - 140°F) Moulding: 20 - 30°C (68 - 86°F)

#### NOTICE:

#### Do not heat the moulding excessively.

- (c) Set the supplied clips into the positions as shown in the illustration, and press-fit those clips by hand to install them.
- (d) Install the moulding when 30 minutes or more have passed after press-fitting the clips. HINT:
- Initial hardening time: 30 minutes
- Perfect hardening time: 24 hours

76-11

760BP-03



# OUT SIDE MOULDING

## REPLACEMENT

#### HINT:

- Installation is in the reverse order of the removal. But, the installation is indicated only when it has a point.
- In the RH side, work in the same procedure as in the LH side.



#### 1. REMOVE OUT SIDE MOULDING

(a) Using a heat light, heat the body moulding to  $40 - 60^{\circ}$ C (104 - 140°F).

#### NOTICE:

#### Do not heat the moulding excessively.

- (b) Tie both piano wire ends to wooden block or similar object.
- (c) Scrape the adhesive tape off by pulling the piano wire as shown in the illustration.

#### NOTICE:

- If reusing the moulding, take care not to damage the moulding.
- Do not damage the body.

#### 2. INSTALL OUT SIDE MOULDING

(a) Using a heat light, heat the body mounting surface to  $40 - 60^{\circ}$ C ( $104 - 140^{\circ}$ F). **NOTICE:** 

#### Do not heat the body excessively.

- (b) Remove the protective tape from the body.
- (c) Wipe off the stains with cleaner.
- (d) Clean the moulding (if reusing the moulding).
  - (1) Using a heat light, heat the body moulding to  $20 30^{\circ}$ C ( $68 86^{\circ}$ F).

#### NOTICE:

#### Do not heat the body excessively.

- (2) Remove the adhesive tape from the moulding.
- (3) Wipe off the stains with cleaner.
- (4) Apply new adhesive tape to the moulding as shown in the illustration.



760BQ-03

(e) Using a heat light, heat the body and moulding. HINT:

- Body: 40 − 60°C (104 − 140°F)
- Moulding: 20 30°C (68 86°F)

#### NOTICE:

#### Do not heat the body excessively.



(f) Lift the moulding release sheet from the face moulding. **NOTICE:** 

- When the moulding release sheet is removed, take care that no dirt or no dust can get onto the uncoated area.
- Do not apply excessive force onto the moulding, but steady pressure with your thumbs.

# ROCKER PANEL MOULDING LH REPLACEMENT

760BR-03



#### REMOVE ROCKER PANEL MOULDING LH

(a) Remove the 6 screws.

(b) Using a screwdriver, remove the rocker panel moulding. HINT:

Tape the screwdriver tip before use.

## LUGGAGE COMPARTMENT DOOR GARNISH SUB-ASSY **OUTSIDE** 760BS-03

## REPLACEMENT

#### **REMOVE LUGGAGE COMPARTMENT DOOR COVER** 1.

Remove the 15 screws and luggage compartment door cover. (a)



#### **REMOVE LUGGAGE COMPARTMENT DOOR** 2. **GARNISH SUB-ASSY OUTSIDE**

- (a) Remove the 4 screws.
- Using a screwdriver, remove the luggage compartment (b) door garnish outside.

HINT:

Tape the screwdriver tip before use.

## FRONT FLOOR FOOTREST REPLACEMENT

760BT-03

76–17



#### 1. REMOVE FRONT FLOOR FOOTREST

(a) Holding the floor mat, disengage the clips from the upper with a screwdriver to remove the front floor footrest.

HINT:

Tape the screwdriver tip before use.

#### NOTICE:

#### Warm the inside of the vehicle well before removal.

(b) Disengage the foot rest clips, and then remove the 2 clips from the front floor footrest.

#### 2. INSTALL FRONT FLOOR FOOTREST

- (a) Install the footrest clips by engaging the claws with the front floor footrest.
- (b) Before installation, check that the part to be engaged with the clips of front floor footrest is not damaged.

#### NOTICE:

If it is damaged, replace it with a new one.

# ROOF HEADLINING ASSY COMPONENTS



760C7-01



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## REPLACEMENT

HINT:

Installation is according to the reverse order of the removal.

- 1. REMOVE FRONT SEAT ASSEMBLY RH (Power Seat Type: See page 72–7, 72–14, Manual Seat Type: See page 72–20, 72–27)
- REMOVE FRONT SEAT ASSEMBLY LH
  (Power Seat Type: See page 72–7, 72–14, Manual Seat Type: See page 72–20, 72–27)
- 3. REMOVE REAR SEAT CUSHION ASSY (See page 72–34, 72–38)
- 4. REMOVE REAR SIDE SEAT BACK ASSY RH (See page 72–34, 72–38)
- 5. REMOVE REAR SIDE SEAT BACK ASSY LH (See page 72–34, 72–38)
- 6. REMOVE REAR SEAT BACK ASSY (See page 72–34, 72–38)
- 7. REMOVE CONSOLE PANEL UPPER REAR (See page 71–12)
- 8. REMOVE RR CONSOLE BOX (See page 71–12)
- 9. REMOVE CONSOLE PANEL UPPER (See page 71–12)
- 10. REMOVE CONSOLE BOX ASSY REAR (See page 71–12)
- 11. REMOVE CONSOLE BOX DUCT NO.1 (See page 55–29)
- 12. REMOVE AIR DUCT REAR NO.1 (See page 55–29)
- 13. REMOVE AIR DUCT REAR NO.2 (See page 55–29)
- 14. REMOVE FLOOR SHIFT ASSY(See page 40–39)



#### 15. REMOVE FRONT DOOR SCUFF PLATE RH

(a) Using a screwdriver, remove the front door scuff plate. HINT:

Tape the screwdriver tip before use.

- (b) Employ the same manner described above to the other side.
- 16. REMOVE FRONT DOOR SCUFF PLATE LH

760C8-01



#### 17. REMOVE REAR DOOR SCUFF PLATE RH

(a) Using a screwdriver, remove the rear door scuff plate. HINT:

- Tape the screwdriver tip before use.
- (b) Employ the same manner described above to the other side.
- 18. REMOVE REAR DOOR SCUFF PLATE LH

- 19. REMOVE FRONT DOOR OPENING TRIM WEATHERSTRIP RH
- 20. REMOVE FRONT DOOR OPENING TRIM WEATHERSTRIP LH
- 21. REMOVE REAR DOOR OPENING TRIM WEATHERSTRIP RH
- 22. REMOVE REAR DOOR OPENING TRIM WEATHERSTRIP LH



- 23. REMOVE CENTER PILLAR GARNISH LOWER RH
  - Pull the center pillar lower garnish upward to remove it.
  - Employ the same manner described above to the other side.
- 24. REMOVE CENTER PILLAR GARNISH LOWER LH



#### 25. REMOVE CENTER PILLAR GARNISH UPPER RH

(a) Using a screwdriver, remove the lap belt outer anchor cover.

HINT:

Tape the screwdriver tip before use.

(b) Remove the bolt and front seat outer belt floor anchor.

#### EXTERIOR/INTERIOR TRIM - ROOF HEADLINING ASSY





- (c) Remove the 2 clips
- (d) Using a screwdriver, remove the center pillar upper garnish.

HINT:

Tape the screwdriver tip before use.

- (e) Employ the same manner described above to the other side.
- 26. REMOVE CENTER PILLAR GARNISH UPPER LH
- 27. REMOVE ROOF SIDE GARNISH INNER RH(W/O CURTAIN SHIELD AIR BAG)

(a) Using a screwdriver, remove the roof side garnish inner. HINT:

Tape the screwdriver tip before use.

- (b) Employ the same manner described above to the other side.
- 28. REMOVE ROOF SIDE GARNISH INNER LH(W/O CURTAIN SHIELD AIR BAG)



#### 29. REMOVE ROOF SIDE GARNISH INNER RH(W/ CURTAIN SHIELD AIR BAG)

(a) Using a screwdriver, remove the roof side garnish inner cover.

HINT:

Tape the screwdriver tip before use.

(b) Remove the bolt.

(c) Using a screwdriver, remove the roof side garnish inner. HINT:

Tape the screwdriver tip before use.

30. REMOVE ROOF SIDE GARNISH INNER LH(W/ CURTAIN SHIELD AIR BAG)



- 31. REMOVE FRONT PILLAR GARNISH RH(W/O CURTAIN SHIELD AIR BAG)
- (a) Using a screwdriver, remove the front pillar garnish. HINT:

Tape the screwdriver tip before use.

(b) Employ the same manner described above to the other side.

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32. REMOVE FRONT PILLAR GARNISH LH(W/O CURTAIN SHIELD AIR BAG)



#### 33. REMOVE FRONT PILLAR GARNISH RH(W/ CURTAIN SHIELD AIR BAG)

(a) Using a screwdriver, remove the front pillar garnish cover. HINT:

Tape the screwdriver tip before use.

(b) Remove the bolt.

(c) Using a screwdriver, remove the front pillar garnish.

HINT:

Tape the screwdriver tip before use.



(d) Protect the curtain shield airbag.

NOTICE:

Cover the curtain shield airbag with the protection cover as soon as the front pillar garnish is removed.

- (1) Cover the airbag with cloth or nylon of 700 mm  $(27.56 \text{ in.}) \times 120 \text{ mm} (4.72 \text{ in.})$  and fix the ends of the cover with tape, as shown in the illustration.
- (e) Employ the same manner described above to the other side.
- 34. REMOVE FRONT PILLAR GARNISH LH(W/ CURTAIN SHIELD AIR BAG)



#### 35. REMOVE ASSIST GRIP SUB-ASSY

(a) Using a screwdriver, remove the assist grip cover. HINT:

Tape the screwdriver tip before use.

(b) Remove the 2 screws and assist grip.

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#### 36. REMOVE RH VISOR ASSY

(a) Using a moulding remover, remove the visor bracket cover.

HINT:

- Tape the screwdriver tip before use.
- (b) Remove the 2 screws and assist grip.
- 37. REMOVE LH VISOR ASSY

# 

#### 38. REMOVE ROOF CONSOLE BOX ASSY

(a) Using a screwdriver, remove the roof console box then disconnect the connector.

HINT:

Tape the screwdriver tip before use.



#### 39. REMOVE ROOM LAMP ASSY NO.1

(a) Using a screwdriver, remove the lens.



(b) Using a screwdriver, remove the room lamp assembly No.1 then disconnect the connector.

HINT:

Tape the screwdriver tip before use.



#### 40. REMOVE VISOR HOLDER

(a) Remove the holder of the sun visor by turning it to the left.

41. REMOVE SUN ROOF OPENING TRIM MOULDING(W/ SLIDING ROOF)



#### 42. REMOVE ROOF HEADLINING ASSY

- (a) Remove the 2 sunshade trim holders.
- (b) w/ Erectro chromic inner mirror:
  - Remove the inner rear view mirror cover.
- (c) Tear off the tape on the adhered part of the wire harness.



(d) Remove the headlining assembly from the passenger's door.



#### 43. INSTALL ROOF HEADLINING ASSY

(a) Align the markings, then install the wire harness with tape. HINT:

Be careful for dirt or foreign objects not to stick to the adhered part when peeling the double-stick tape.

(b) Attach the roof wire harness across the adhered part **NOTICE:** 

Roof wire harness should be attached securely.

- 44. INSTALL FRONT SEAT ASSEMBLY LH (Power Seat Type: See page 72–7, 72–14, Manual Seat Type: See page 72–20, 72–27)
- 45. INSTALL FRONT SEAT ASSEMBLY RH (Power Seat Type: See page 72–7, 72–14, Manual Seat Type: See page 72–20, 72–27)