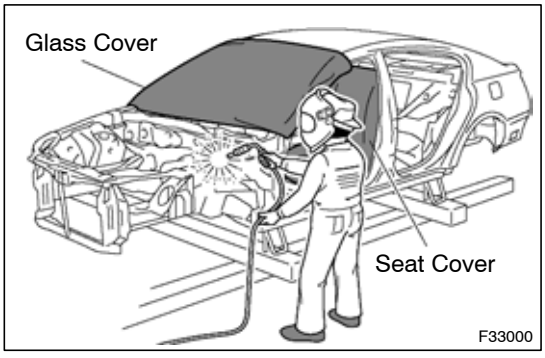
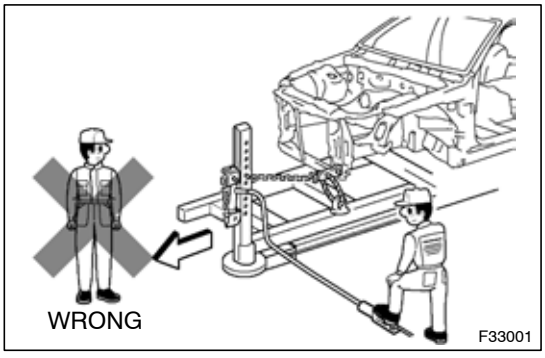
PRECAUTION

1. WORK PRECAUTIONS



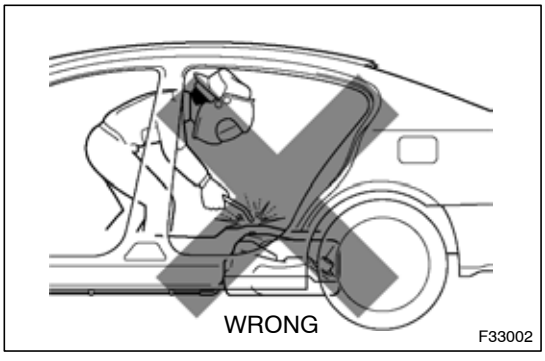
(a) VEHICLE PROTECTION

(1) When welding, cover glass, seats, carpets, etc. with heat resistant fireproof covers to protect them.

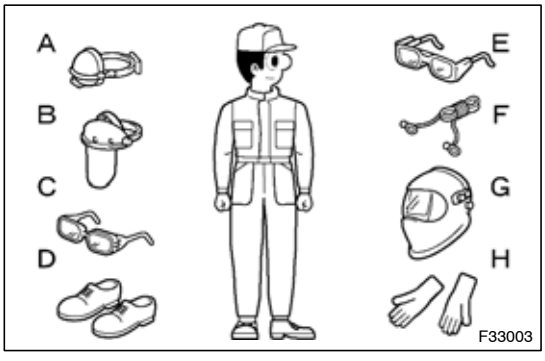


(b) SAFETY

(1) Never stand in the path of the chain when using a puller on the body or frame, and be sure to attach a safety cable.



(2) If it is necessary to use a frame in the area of the fuel tank, first remove the tank and plug the fuel line.

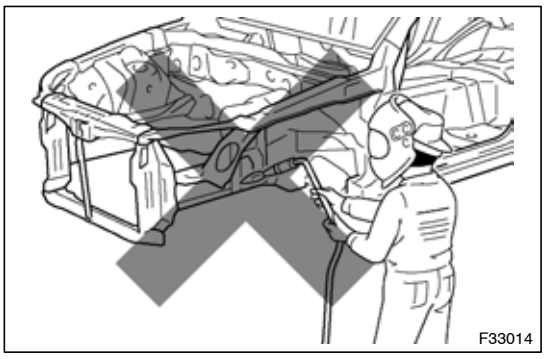


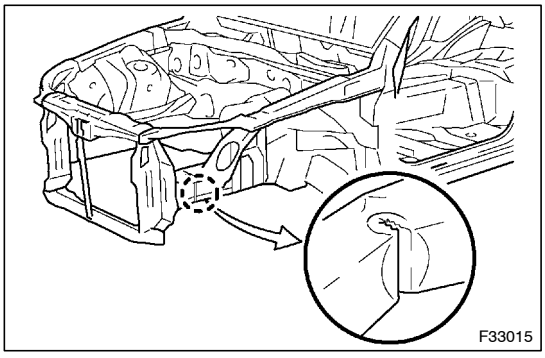
(c) SAFETY WORK CLOTHES

(1) In addition to the usual mechanic's wear, cap and safety shoes, the appropriate gloves, head protector, welder's glasses, ear plugs, face protector, dust mask, etc. should be worn as the situation demands.

Code	Name
A	Dust mask
B	Face protector
C	Safety glasses
D	Safety shoes
E	Welder's glasses
F	Ear plugs
G	Head protector
H	Welder's gloves

2. PRECAUTIONS WHEN REPAIRING BODY FRAME PARTS (INCLUDING CRUSH BOX)





(a) PROHIBITION OF HEAT REPAIR FOR BODY FRAME PARTS

(1) Rustproof high strength steel sheets are used for the body frame. Therefore, if these parts are heat repaired using an acetylene torch or equivalent, the crystalline structure changes, causing the strength of the steel sheets to decrease. Also, the zinc coating which is used to protect the body from rust will be damaged. This causes the surface of the steel sheets to become oxidized, which reduces their ability to resist rust.

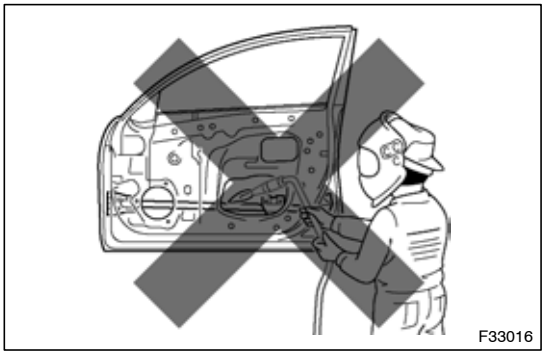
(b) WHEN TO REPLACE FRAME PARTS

NOTICE:

Replace frame parts that have kinks.

HINT:
What is kink?

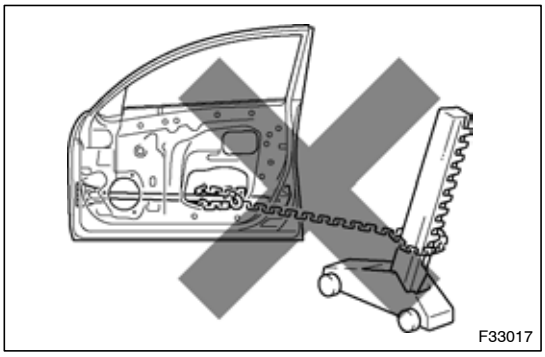
A deformation on a steel sheet that cannot be returned to its original shape by pulling or hammering due to the deformation angle being sharp.

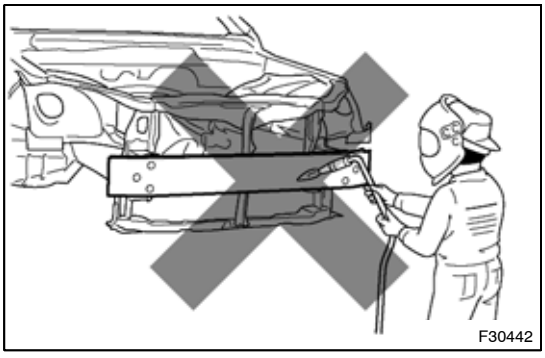


(c) REPAIR OF DOOR SIDE IMPACT BEAM IS PROHIBITED

(1) The impact beam is designed so that it performs at 100% in its original shape.
However, if the impact beam is repaired, its performance may not be the same as before the accident.

PARTS WHICH ARE PROHIBITED TO BE REPAIRED:
Door side impact beam



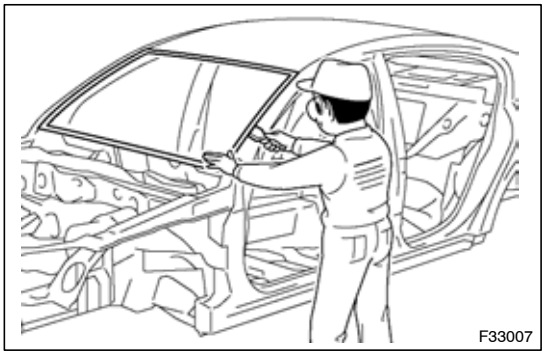


(d) REPAIR OF BUMPER REINFORCEMENT IS PROHIBITED

(1) The bumper reinforcement is designed so that it performs at 100% in its original shape.
However, if the bumper reinforcement is repaired, its performance may not be the same as before the accident.

PARTS WHICH ARE PROHIBITED TO BE REPAIRED:
Bumper reinforcement

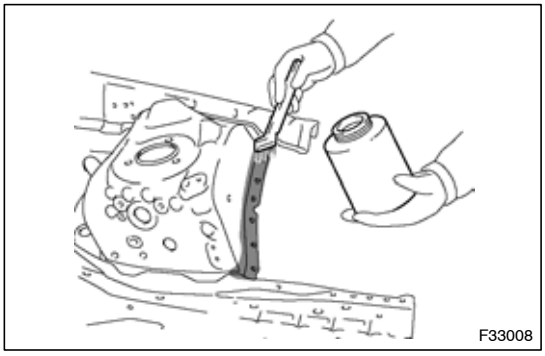
3. PRECAUTIONS FOR CORRECT REPAIR



(a) REMOVAL OF ADJACENT COMPONENTS

(1) When removing adjacent components, apply protective tape to the surrounding body and your tools to prevent damage.

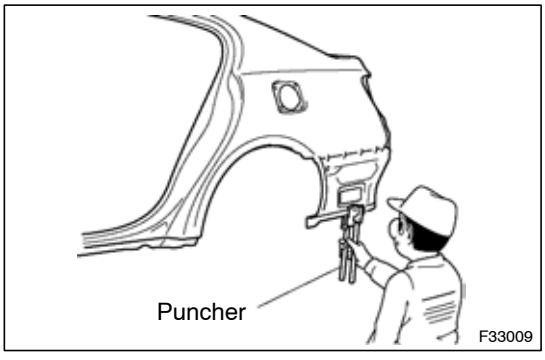
NOTICE:
If the paint film is damaged, make sure to re-finish the paint.



(b) ANTI-RUST TREATMENT BEFORE WELDING

(1) Apply welding primer to the contact surfaces of the welding areas to protect them from rust.

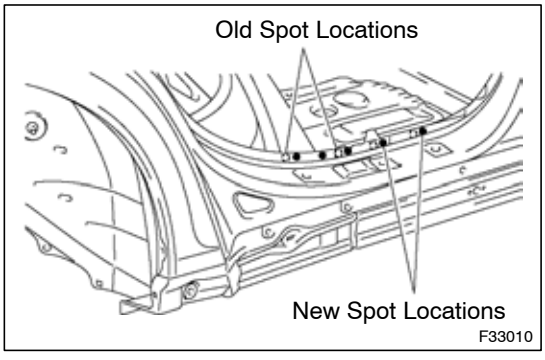
NOTICE:
Do not apply welding primer outside of the contact surfaces.



(c) MAKING HOLES FOR PLUG WELDING

(1) For areas where a spot welder cannot be used, use a puncher or drill to make holes for plug welding.

Thickness of welded portion	Diameter of plug hole
Under 10 mm (0.39 in.)	Over 5 mm (0.20 in.)
1.0 to 1.6 mm (0.04 to 0.06 in.)	Over 6.5 mm (0.26 in.)
1.7 to 2.3 mm (0.07 to 0.09 in.)	Over 8 mm (0.31 in.)
Over 2.4 mm (0.09 in.)	Over 10 mm (0.39 in.)

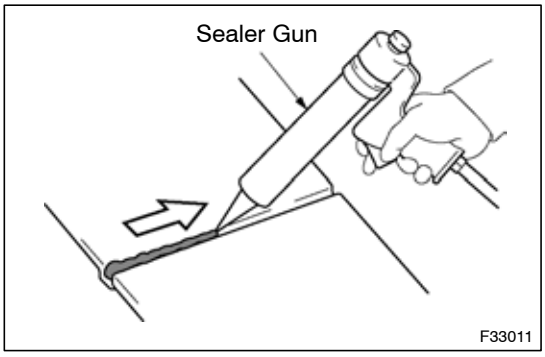


(d) WELDING PRECAUTIONS

(1) The number of welding spots should be as follows.
Spot weld: 1.3 X No. of manufacturer's spots
Plug weld: More than No. of manufacturer's plugs

(2) Spot weld locations
Avoid welding over previously welded areas.

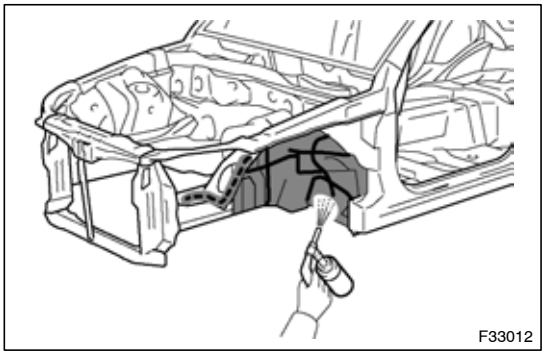
4. ANTI-RUST TREATMENT AFTER INSTALLATION



(a) BODY SEALER APPLICATION

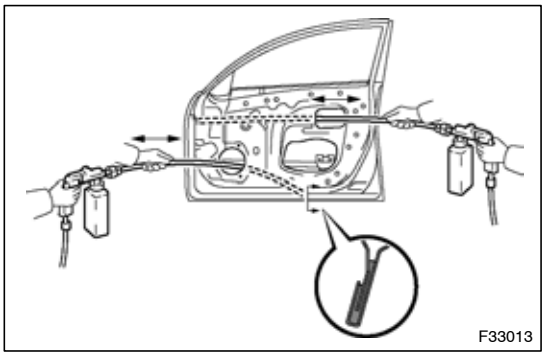
PURPOSE:
For water-proofing and anti-rust measures, always apply the body sealer to the body panel seams and hems of the doors, hood, etc.

NOTICE:
Apply body sealer neatly to parts that require a high quality appearance.



(b) UNDERCOAT APPLICATION

PURPOSE:
To prevent corrosion and protect the body from gravel, always apply a sufficient undercoating to the areas indicated.



(c) VEHICLE BODY ANTI-RUST AGENT APPLICATION

PURPOSE:
The purpose is to protect areas from rust which are difficult to paint such as the backside of the box-shaped cross section frame parts.

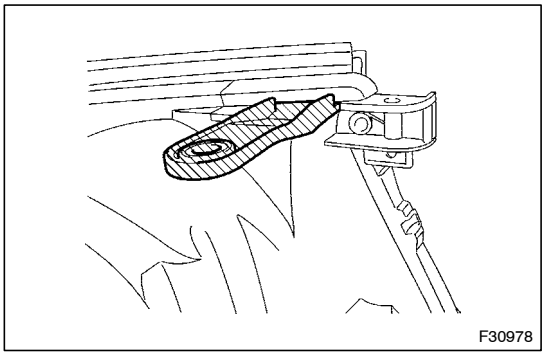
METHOD:
Apply anti-rust agent through the service holes and/or installation holes of the parts.

5. REPAIR PROCEDURE OF HEADLIGHT RETAINER

(a) INSTALL UPPER HEADLIGHT PROTECTOR RETAINER (USA, Canada)

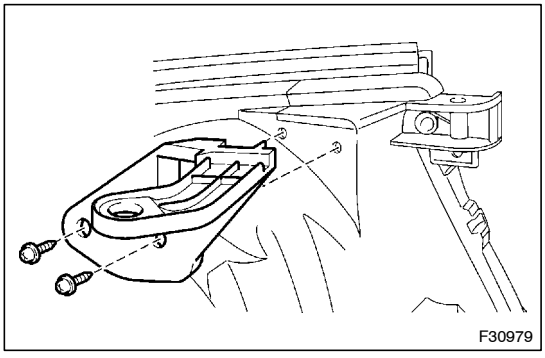
HINT:

- *If the installation area of the headlight is damaged, use the supply retainer for low-cost repair.*
- *Ensure that the headlight is not damaged.*



(1) Cut off the part shaded in the illustration and smooth with sandpaper.

NOTICE:
After cutting off the part, place the headlight protector retainer against the bosses, and gradually file away the old bracket if it interferes with the installation of the supply retainer.

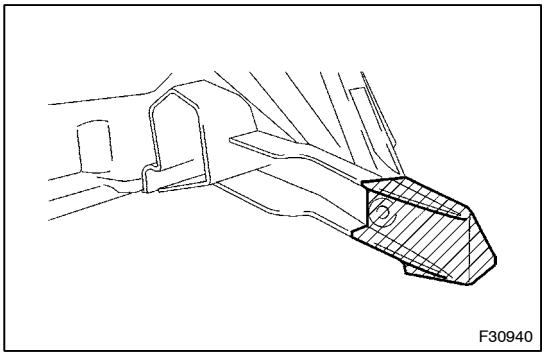


(2) Install the headlight protector retainer with the screw.

(b) INSTALL LOWER HEADLIGHT PROTECTOR RETAINER (USA, Canada)

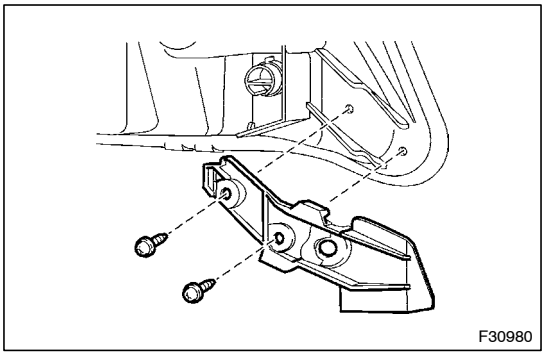
HINT:

- *If the installation area of the headlight is damaged, use the supply retainer for low-cost repair.*
- *Ensure that the headlight is not damaged.*



(1) Cut off the part shaded in the illustration and smooth with sandpaper.

NOTICE:
After cutting off the part, place the headlight protector retainer against the bosses, and gradually file away the old bracket if it interferes with the installation of the supply retainer.

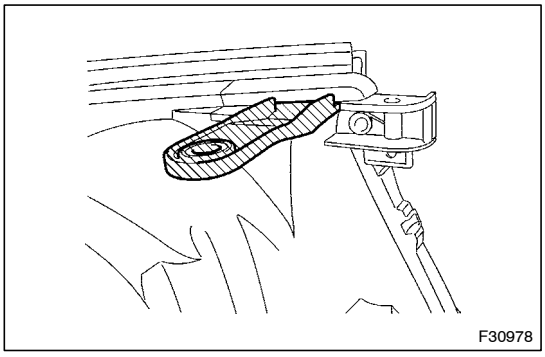


(2) Install the headlight protector retainer with the screw.

(c) INSTALL UPPER HEADLIGHT PROTECTOR RETAINER (Except USA, Canada)

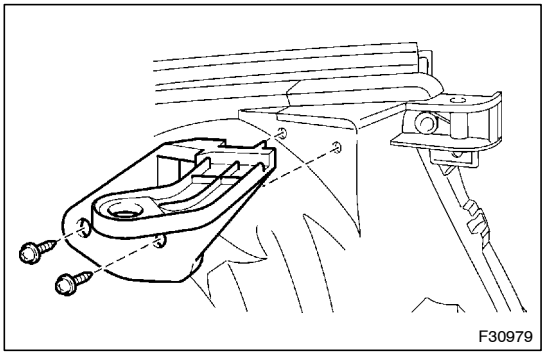
HINT:

- *If the installation area of the headlight is damaged, use the supply retainer for low-cost repair.*
- *Ensure that the headlight is not damaged.*



(1) Cut off the part shaded in the illustration and smooth with sandpaper.

NOTICE:
After cutting off the part, place the headlight protector retainer against the bosses, and gradually file away the old bracket if it interferes with the installation of the supply retainer.

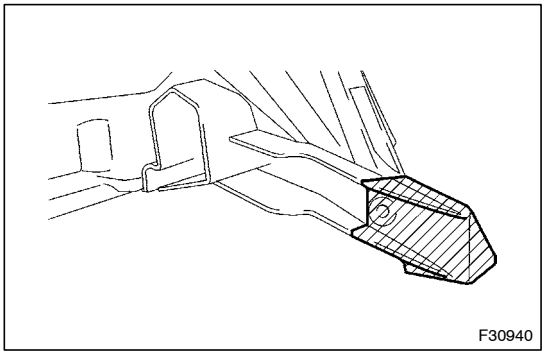


(2) Install the headlight protector retainer with the screw.

(d) INSTALL LOWER HEADLIGHT PROTECTOR RETAINER (Except USA, Canada)

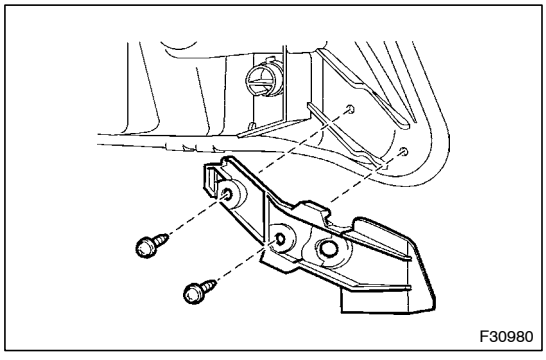
HINT:

- *If the installation area of the headlight is damaged, use the supply retainer for low-cost repair.*
- *Ensure that the headlight is not damaged.*



(1) Cut off the part shaded in the illustration and smooth with sandpaper.

NOTICE:
After cutting off the part, place the headlight protector retainer against the bosses, and gradually file away the old bracket if it interferes with the installation of the supply retainer.



(2) Install the headlight protector retainer with the screw.

6. PROCEDURES NECESSARY WHEN ECU OR OTHER PARTS ARE REPLACED

(a) THE WORK LIST

(1) Each inspection procedure refers to the TOYOTA Repair Manual.

Replacement Part	Necessary Procedures	Effects/Inoperative Functions When Necessary Procedures are not Performed	Notes
ECM	Register VIN.	DTC P0630 is output.	—
Automatic transmission assembly	Reset memory.	Large shift shock.	—
Valve body assembly	Reset memory.	Large shift shock.	—
Any of shift solenoid valves	Reset memory.	Large shift shock.	—
Tire pressure warning ECU	• Register transmitter IDs. • Initialize tire pressure warning system.	• When DTC detection conditions of “transmitter ID not received” DTC is met, tire pressure warning light blinks for 1 minute, and then illuminates. • Tire pressure monitoring function	—
Tire pressure warning valve and transmitter	• Register transmitter IDs • Initialize tire pressure warning system	• When DTC detection conditions of “transmitter ID not received” DTC is met, tire pressure warning light blinks for 1 minute, and then illuminates • Tire pressure monitoring function of replaced wheel	Even if only one wheel is replaced, IDs for all 5 wheels must be registered
Master cylinder solenoid (Skid control ECU)	Yaw rate and G sensor zero point calibration.	• ABS warning light illumination • “Check VSC System” indication on the multi−information display	—
Yaw rate and a sensor	• Clearing zero point calibration data. • Yaw rate and G sensor zero point calibration.	• ABS warning light illumination • “Check VSC System” indication on the multi-information display	—
Garage door opener transmitter	Registration	Garage door does not operative	—
• ID code box • Steering lock ECU • ECM • Key • Certification ECU	Registration	• Wireless door lock operation • Entry operation • Engine starting • Steering unlock	—
No. 1 seat cushion assembly (occupant classification ECU and occupant detection sensor)	• Zero point calibration • Registration • Sensitivity check	• Occupant classification system • Passenger airbag ON/OFF indicator • Airbag system (Front passenger side) • Seat belt warning system (Front passenger side)	—
• Front Power window regulator motor LH • Front Power window regulator motor RH • Rear Power window regulator motor LH • Rear Power window regulator motor RH	Initialize the motor	• Jam protection function. • Power window control system	—
• Sliding roof driver gear (Sliding roof ECU) • Sliding roof glass	Initialize sliding roof system	• Auto operation. • Jam protection function. • Sliding roof operation after engine switch OFF. • Wireless door lock control function. • Key-linked operation function (Driver side door only). • Entry lock switch-linked operation.	—

7. PRECAUTIONS FOR SRS AIRBAG SYSTEM

(a) HANDLING OF A VEHICLE THAT HAS BEEN DAMAGED IN A COLLISION

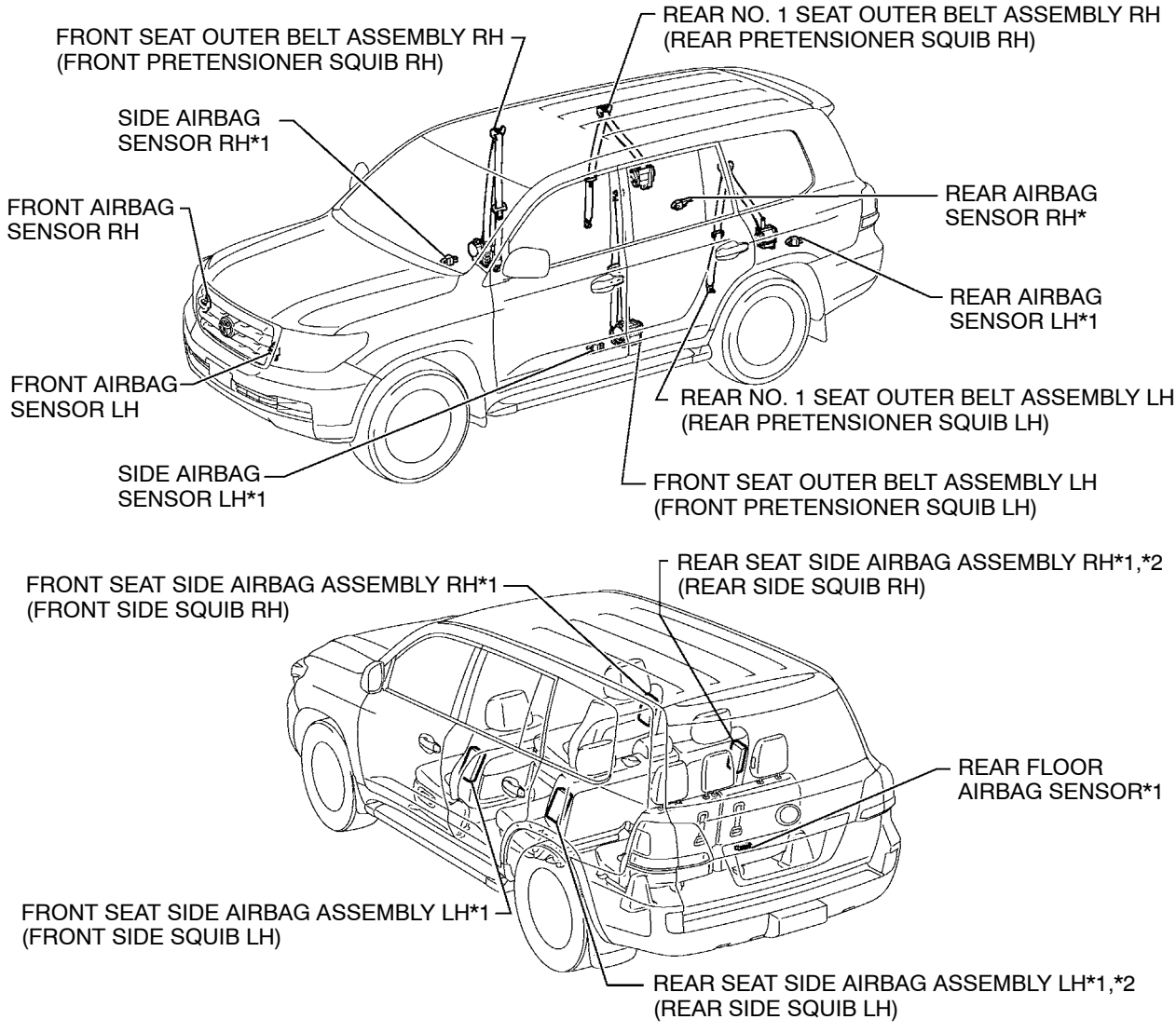
(1) Refer to the TOYOTA Repair Manual for the SRS airbag system inspection procedures.

(2) When using an electric welder, first remove all airbags and seat belt pretensioners.

(3) If impacts are likely to occur to the front airbag sensors, side airbag sensors, rear side airbag sensors, center airbag sensor, rear floor airbag sensor or seat position sensor, remove each sensor as necessary beforehand.

(4) Do not allow the front airbag sensors, side airbag sensors, rear side airbag sensors, center airbag sensor, rear floor airbag sensor or seat position sensor to become heated to high temperatures.

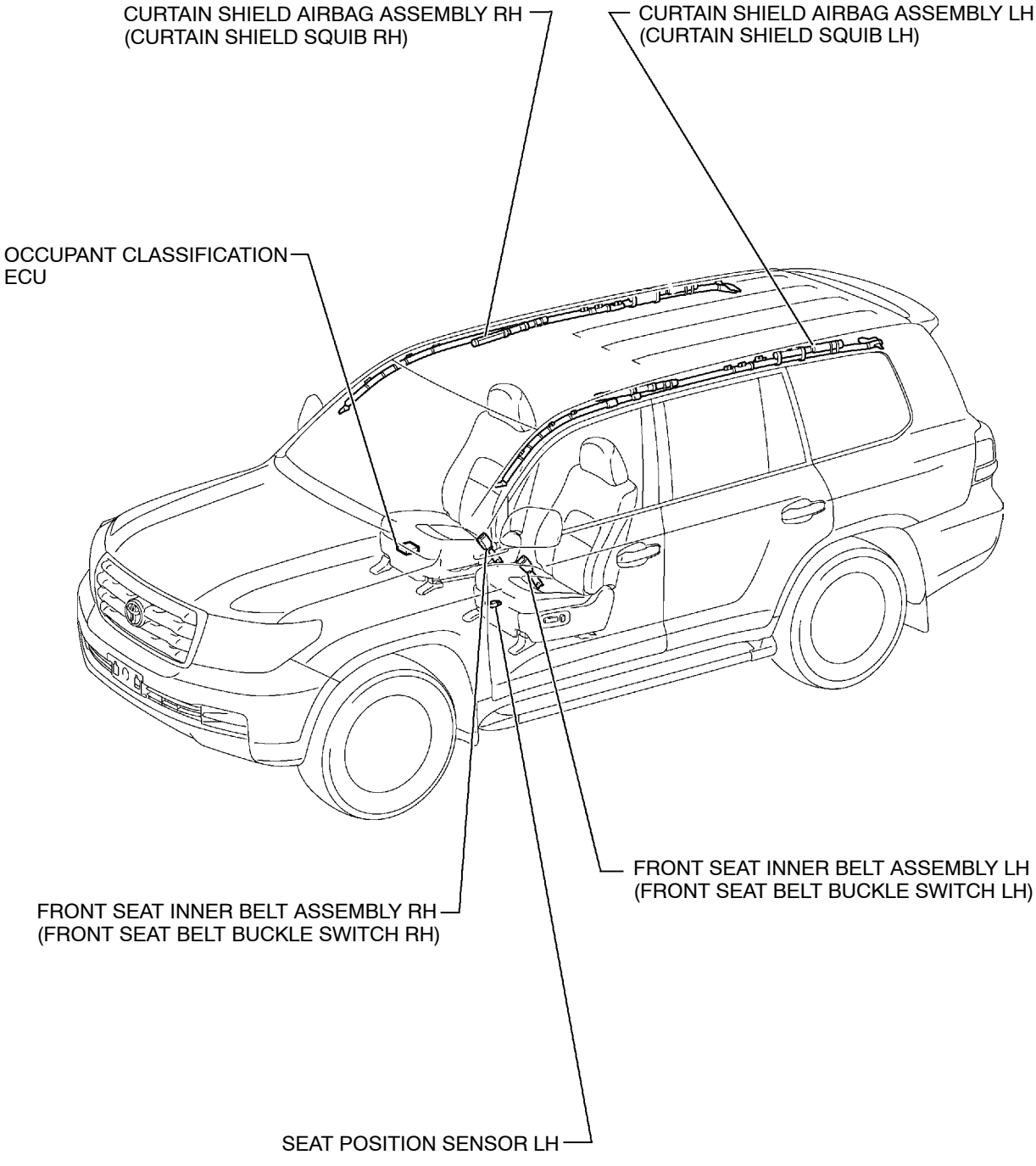
(5) Check the wire harnesses and connectors for damage and/or melting, as some areas of the airbags and seat belt pretensioners may heat up to several hundred degrees when they operate.



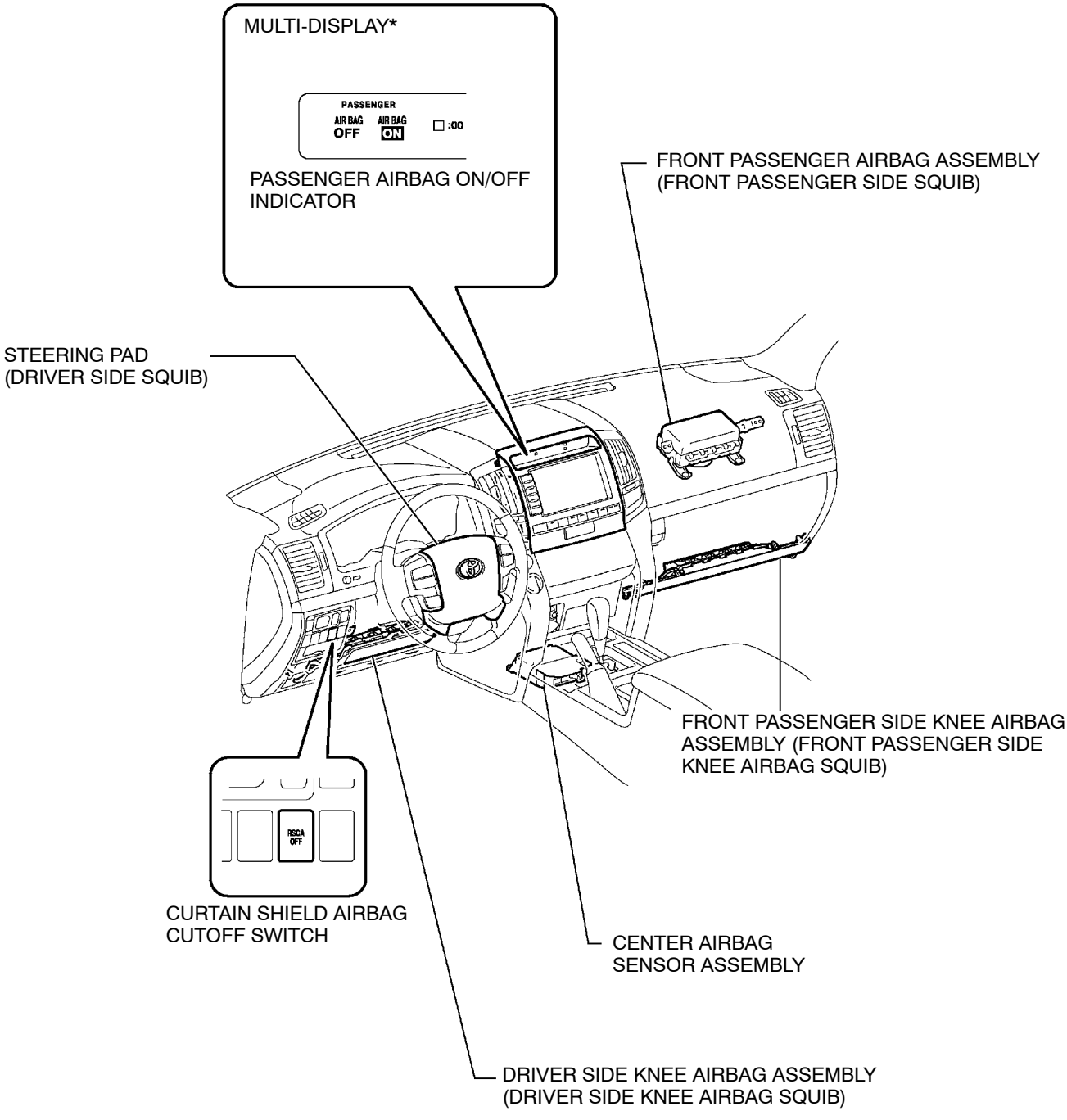
*1: except w/o Side Airbag
*2: w/ Rear Side Airbag

F30944

USA, Canada:


CURTAIN SHIELD AIRBAG ASSEMBLY RH
(CURTAIN SHIELD SQUIB RH)
CURTAIN SHIELD AIRBAG ASSEMBLY LH
(CURTAIN SHIELD SQUIB LH)
OCCUPANT CLASSIFICATION
ECU
FRONT SEAT INNER BELT ASSEMBLY LH
(FRONT SEAT BELT BUCKLE SWITCH LH)
FRONT SEAT INNER BELT ASSEMBLY RH
(FRONT SEAT BELT BUCKLE SWITCH RH)
SEAT POSITION SENSOR LH
F30945

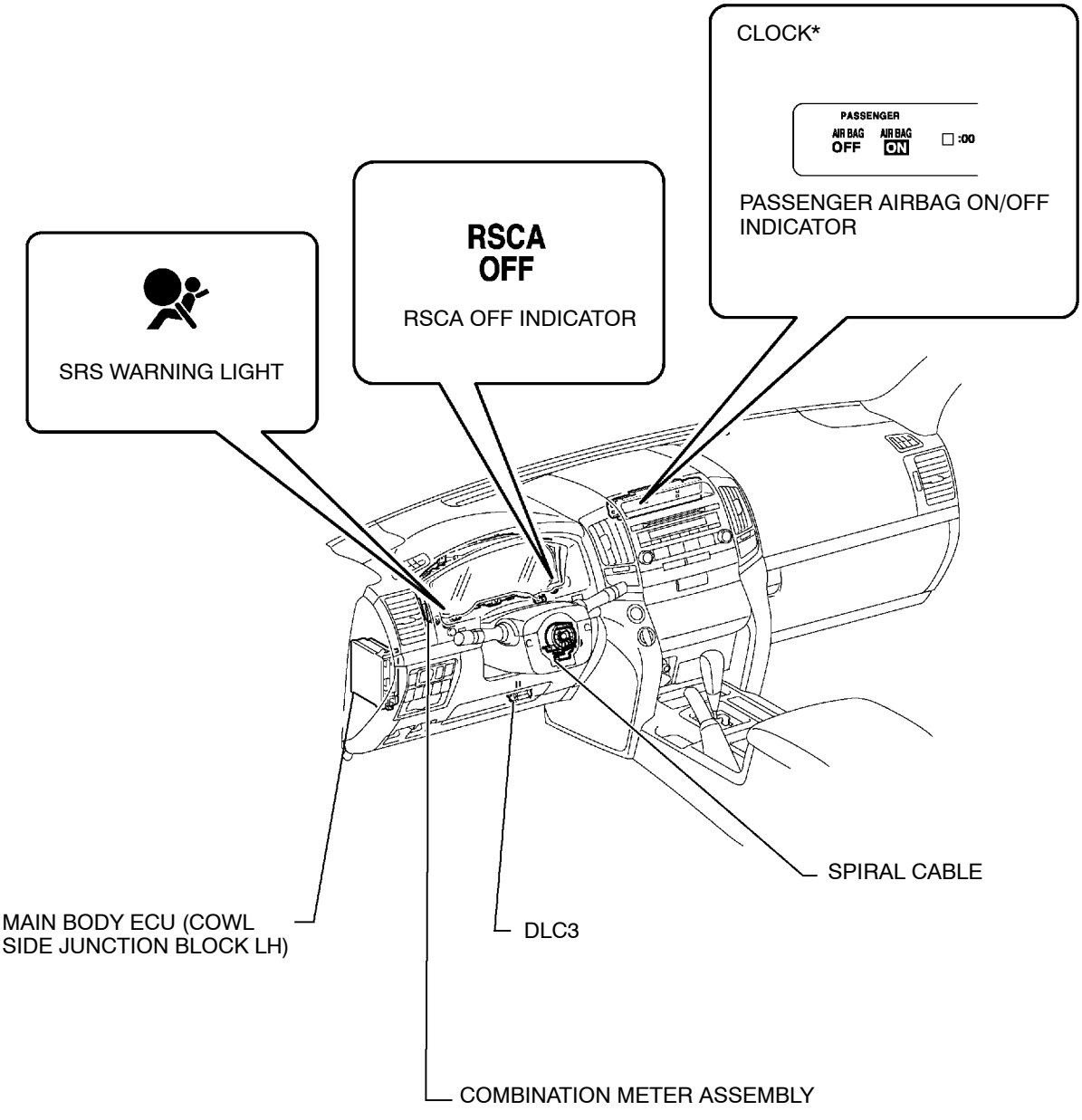
USA, Canada:



*: w/ Multi-display

F30946

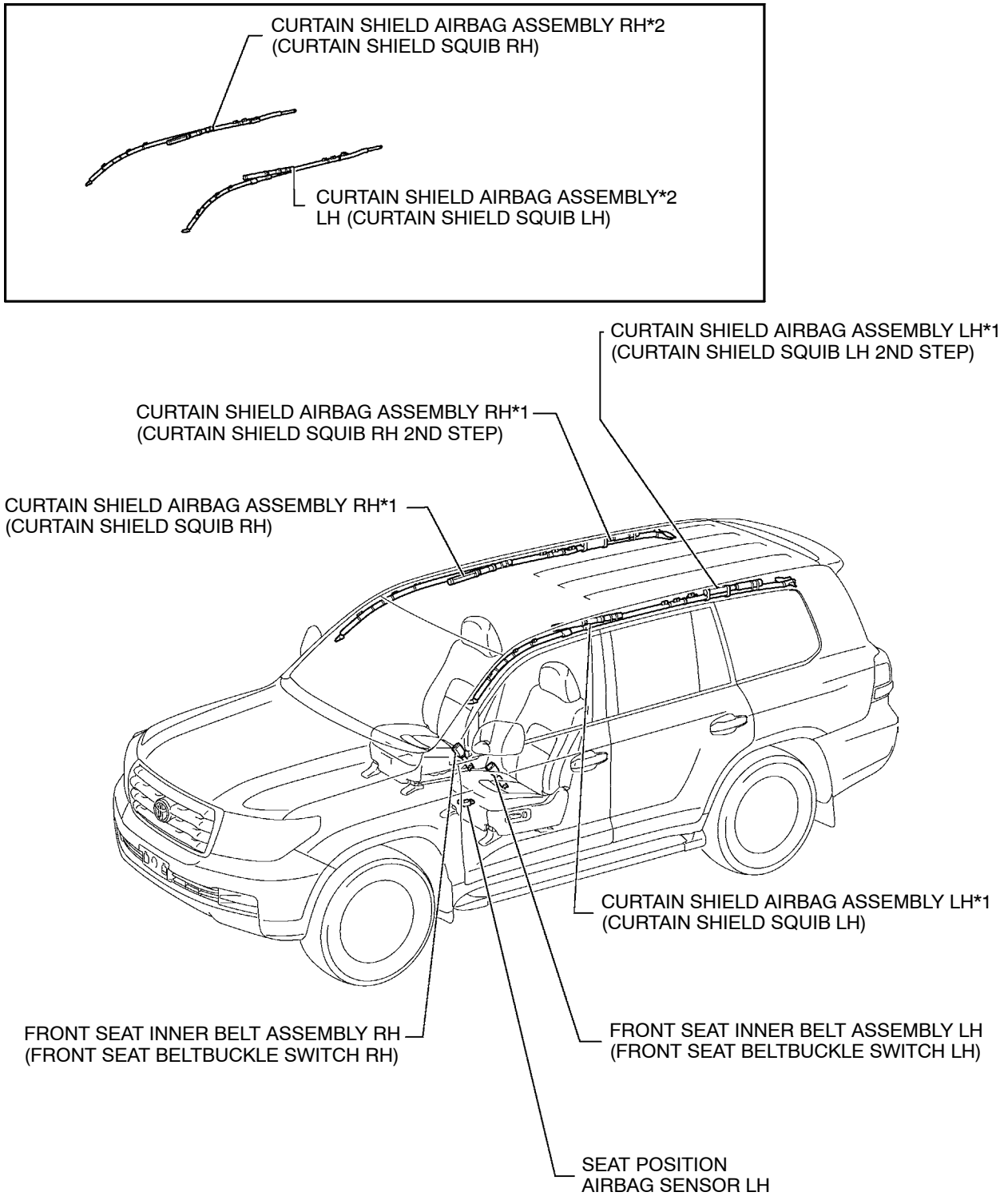
USA, Canada:



*: w/o Multi-display

F30947

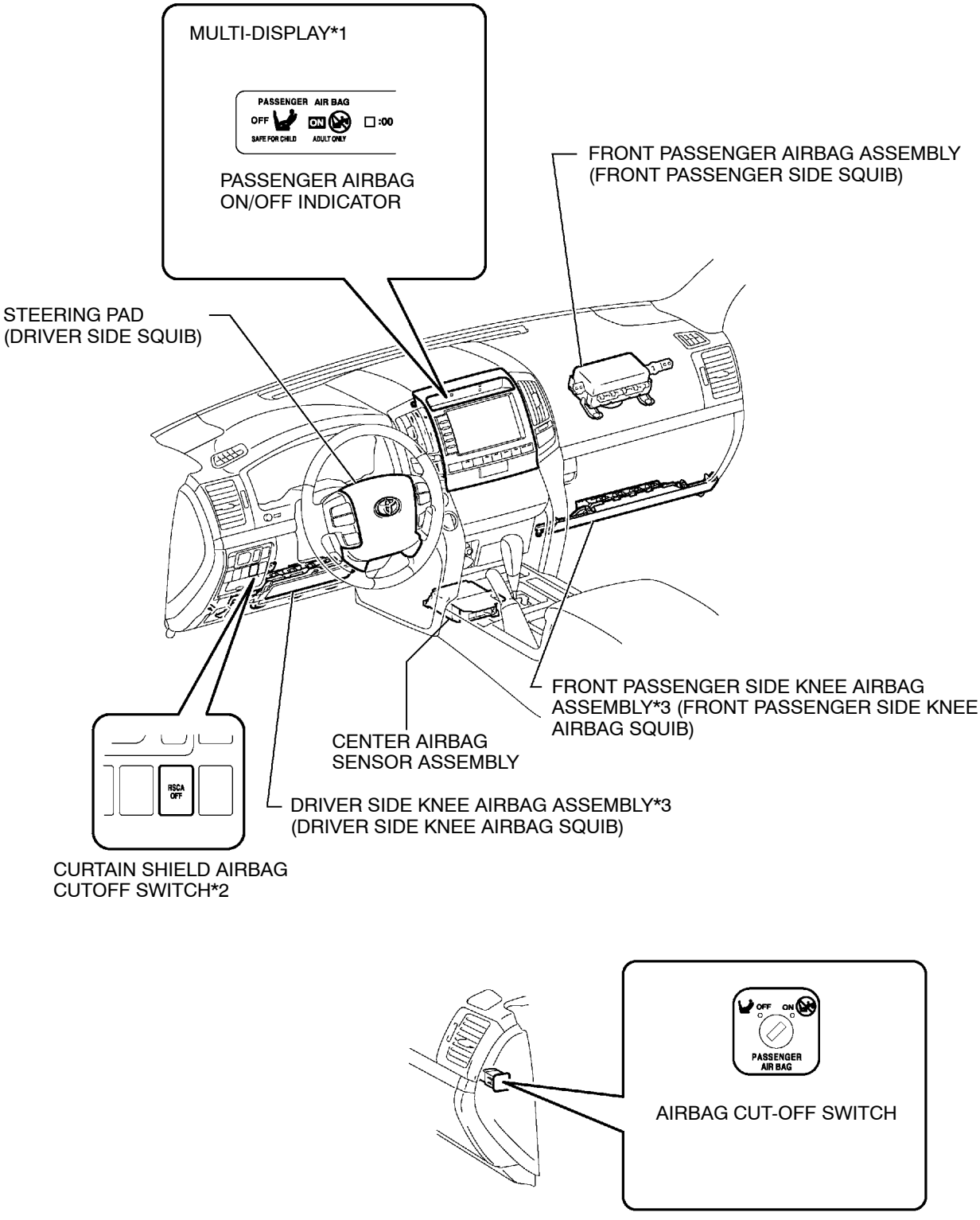
Except USA, Canada:



*1: w/ Side Airbag (w/ Rear No. 2 Seat)
*2: w/ Side Airbag (w/o Rear No. 2 Seat)

F30948

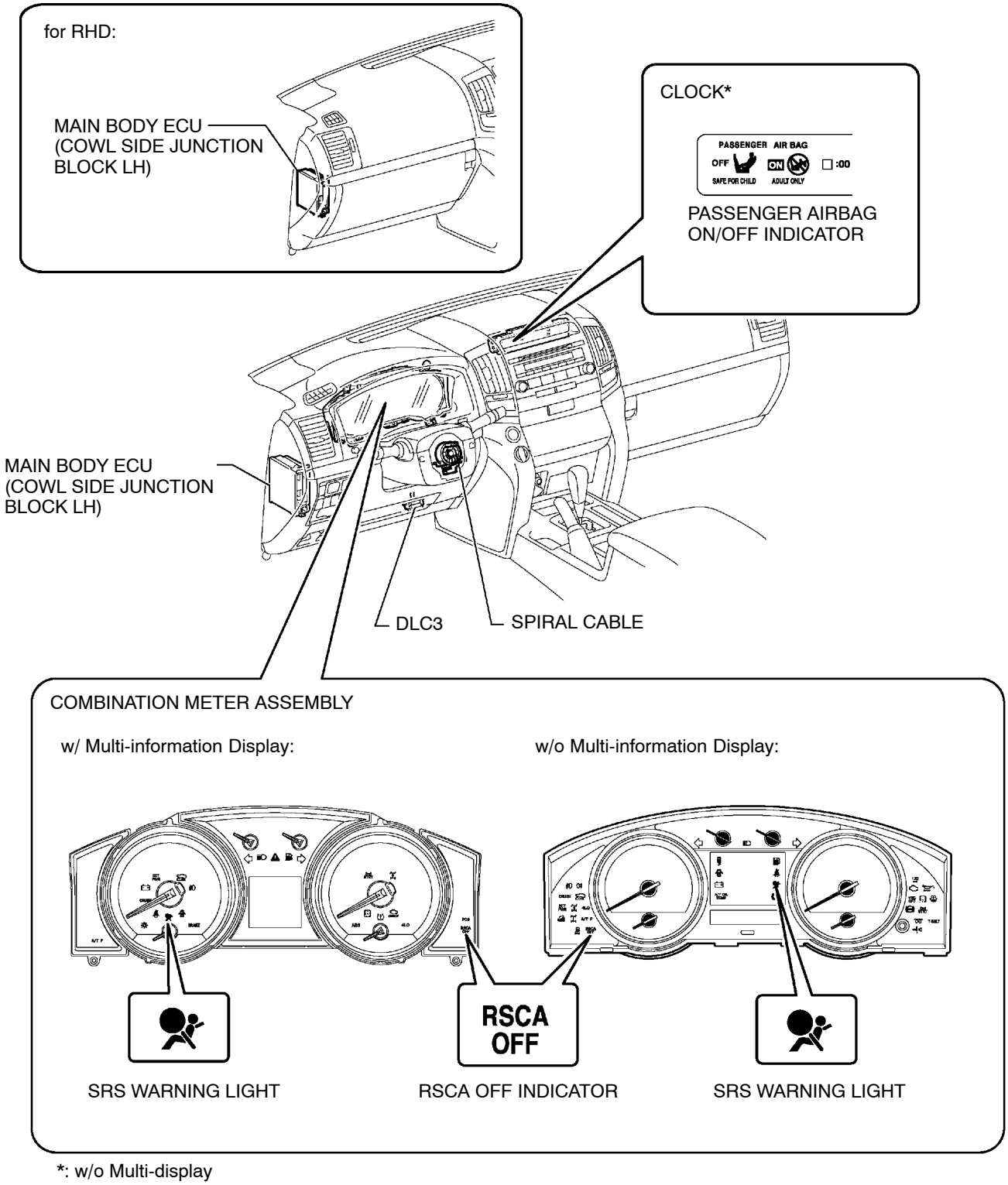
Except USA, Canada:



*1: w/ Multi-display
*2: w/ Side Airbag
*3: w/ Knee Airbag

F30949

Except USA, Canada:



*: w/o Multi-display

F30950

8. PRECAUTIONS FOR RESIN PARTS

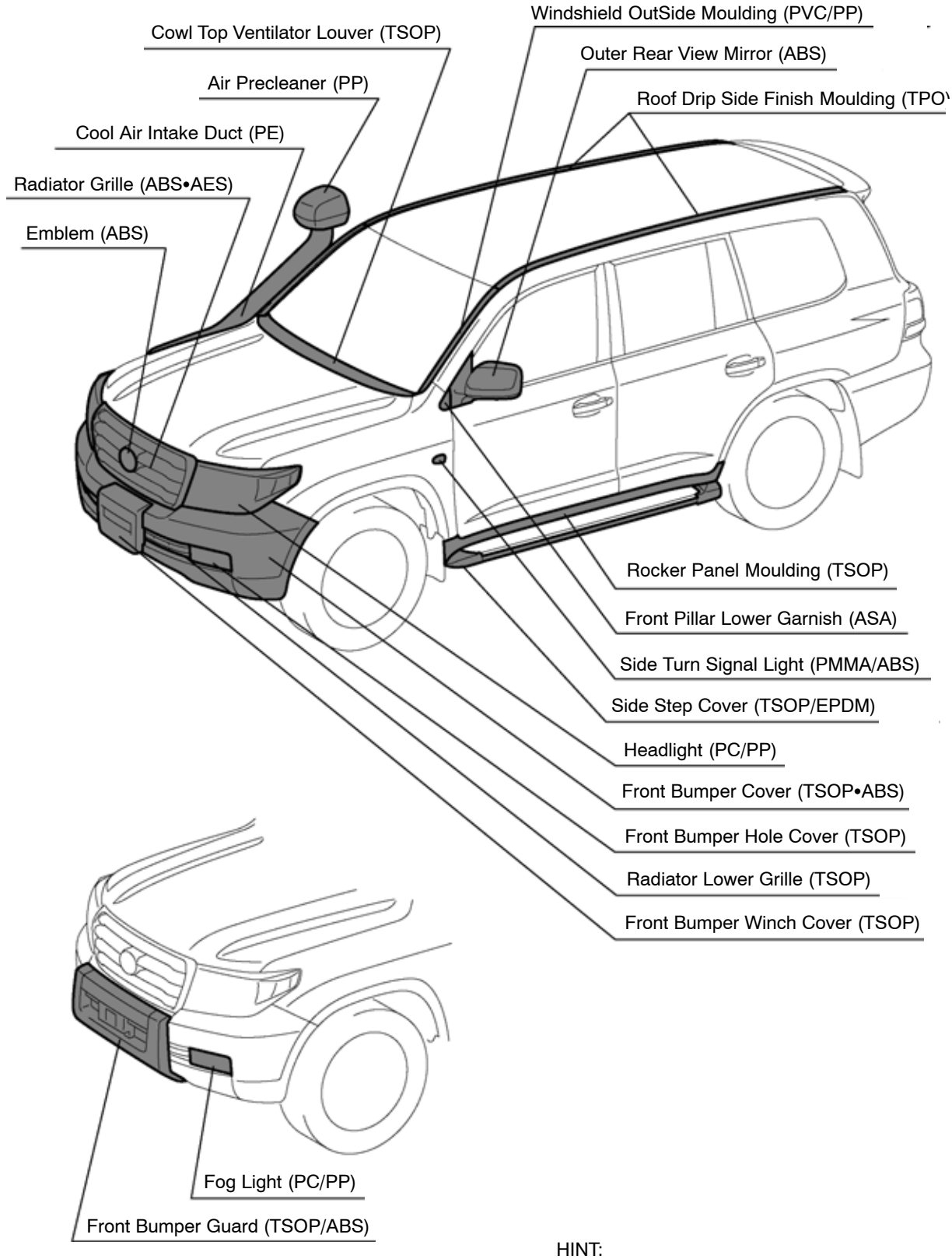
(a) PLASTIC PROPERTIES CHART

(1) When repairing, some parts may be deformed by the heat. Therefore, confirm the properties of the plastic parts, and remove parts beforehand as necessary.

Code	Material name	Heat resistant temperature limit* °C (°F)	Resistance to alcohol or gasoline	Notes
ABS	Acrylonitrile Butadiene Styrene	80 (176)	Alcohol is harmless if applied only for short time in small amounts (e.g., quick wiping to remove grease).	Avoid gasoline and organic or aromatic solvents.
AES	Acylonitrile Ethylene Styrene	80 (176)	Alcohol is harmless if applied only for short time in small amounts (e.g.,quick wiping to remove grease).	Avoid gasoline and organic or aromatic solvents.
ASA	Acrylonitrile Styrene Acrylate	80 (176)	Alcohol is harmless if applied only for short time in small amounts (e.g., quick wiping to remove grease).	Avoid gasoline and organic or aromatic solvents.
EPDM	Ethylene Propylene	100 (212)	Alcohol is harmless. Gasoline is harmless if appelied only for short time in small amounts.	Most solvent are harmless but avoid dipping in gasoline, solvents, etc.
PBT	Polybutylene Terephthalate	160 (320)	Alcohol and gasoline are harmless.	Most solvents are harmless.
PC	Polycarbonate	120 (248)	Alcohol is harmless.	Avoid gasoline brake fluid, wax, wax removers and organic solvents. Avoid alkali.
PE	Polyethylene	80 (176)	Alcohol and gasoline are harmless.	Most solvents are harmless.
PMMA	Polymethy Methacrylate	80 (176)	Alcohol is harmless if applied only for short time in small amounts.	Avoid dipping or immersing in alcohol, gasoline, solvents, etc.
PP	Polypropylene	80 (176)	Alcohol and gasoline are harmless.	Most solvents are harmless.
PVC	Polyvinylchloride (Vinyl)	80 (176)	Alcohol and gasoline are harmless if applied only for short time in small amounts (e.g., quickwiping to remove grease).	Avoid dipping or immersing in alcohol, gasline, solvents, etc.
TPO	Thermoplastic Olefine	80 (176)	Alcohol is harmless. Gasoline is harmless if appelied only for short time in small amounts.	Most solvent are harmless but avoid dipping in gasoline, solvents, etc.
TSOP	TOYOTA Super Olefine Polymer	80 (176)	Alcohol and gasoline are harmless.	Most solvents are harmless.

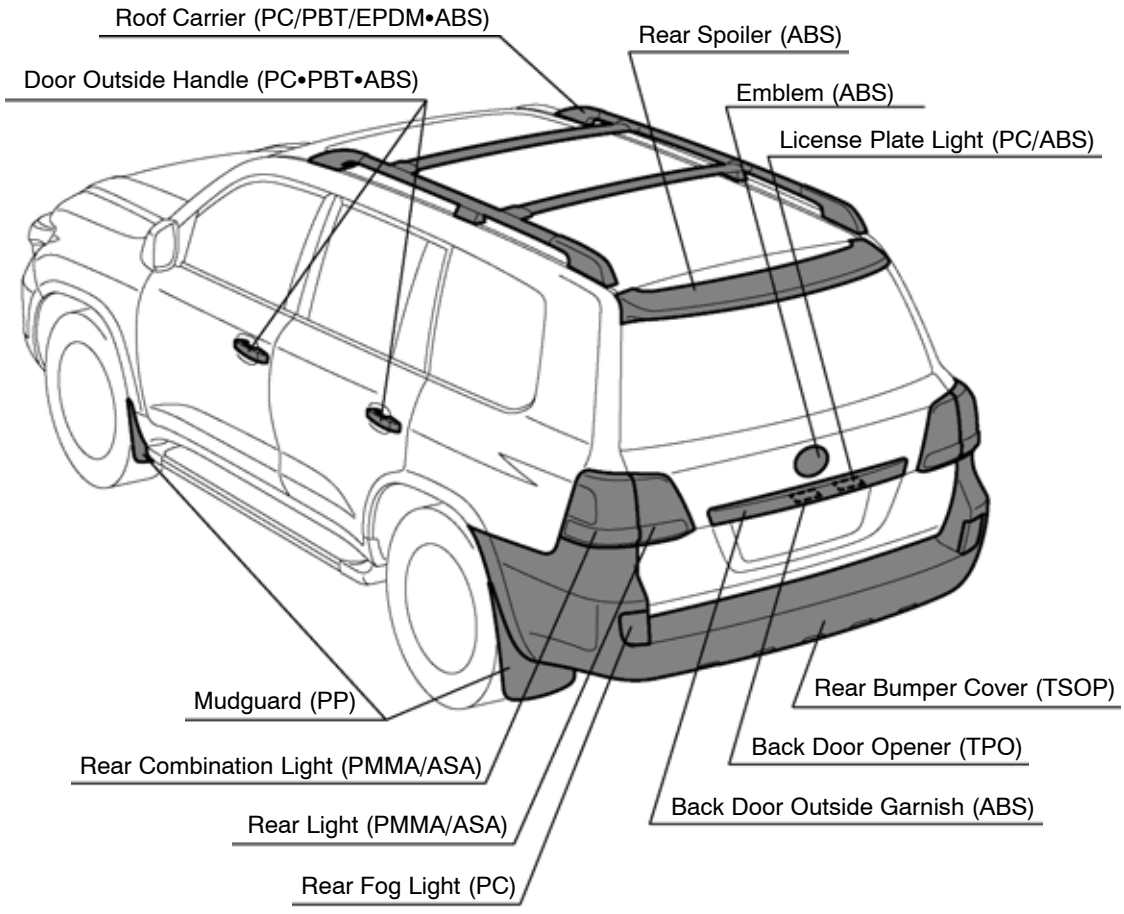
* The heat resistant temperature means a temperature that may cause heat deformation during a procedure.

(b) THE PLASTIC BODY PARTS MATERIAL LIST

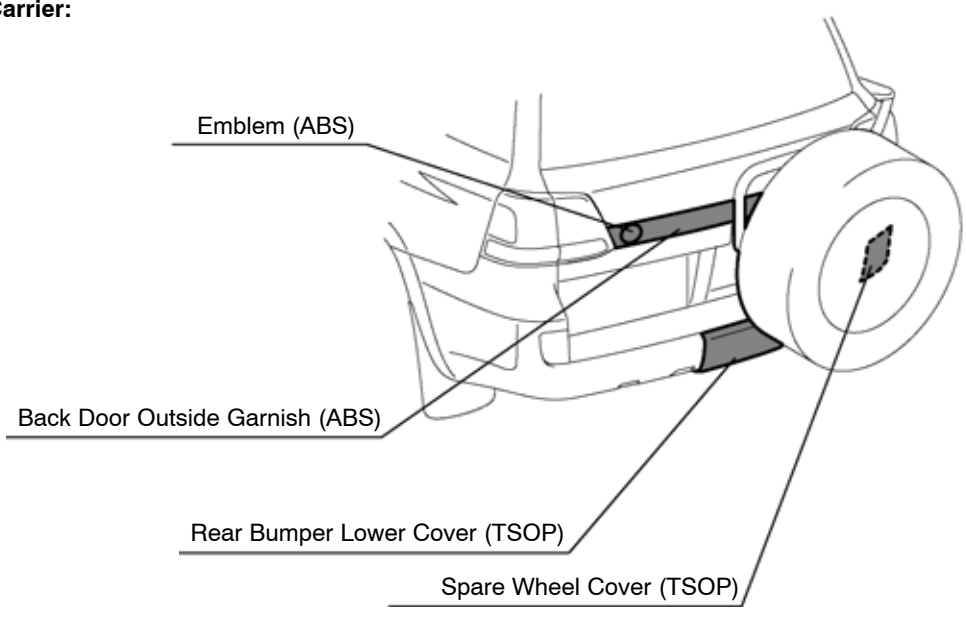


HINT:
•: Resin material differs with model.
/: Made up of 2 or more kinds of materials.

F30674



w/ Tire Carrier:

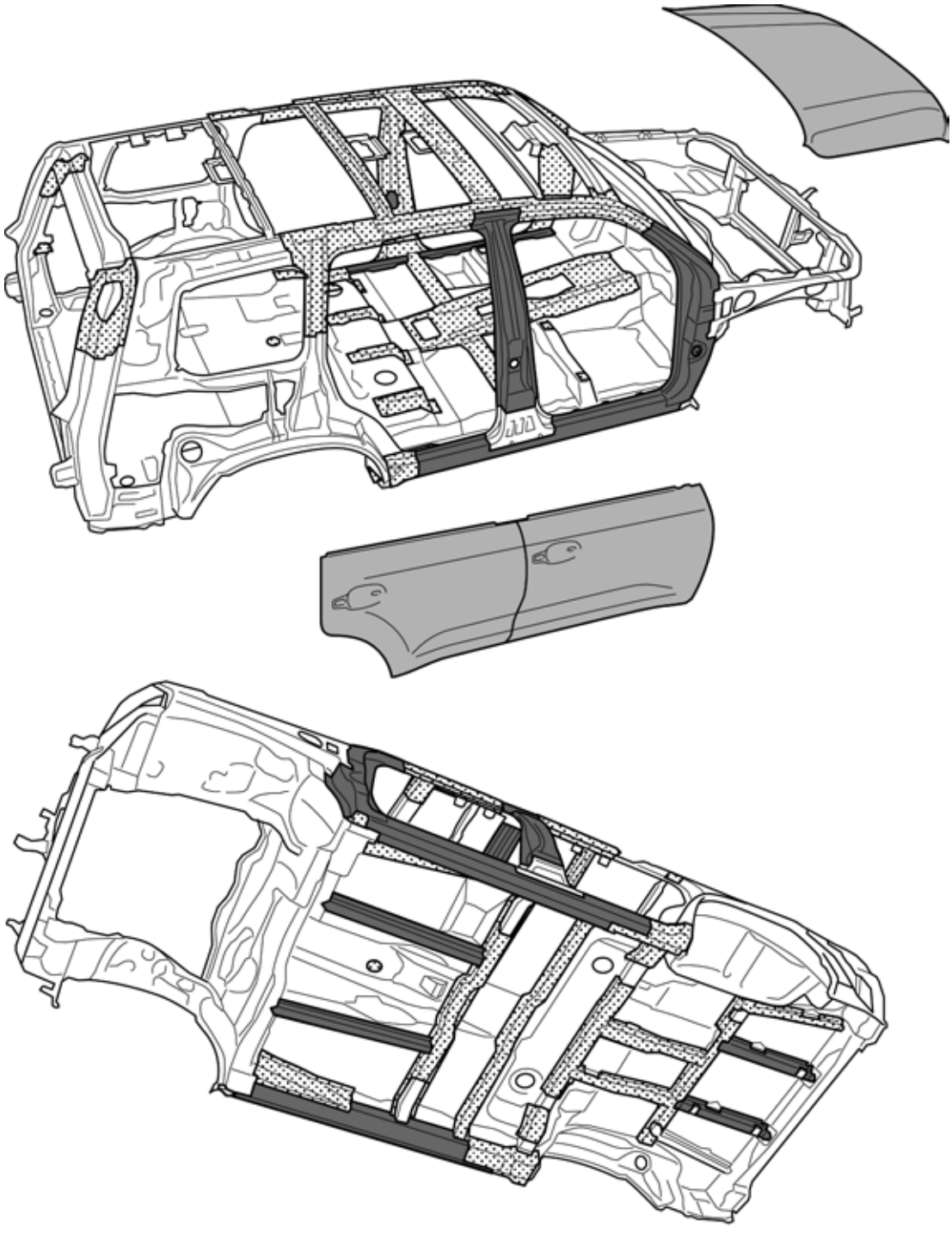


HINT:
•: Resin material differs with model.
/: Made up of 2 or more kinds of materials.

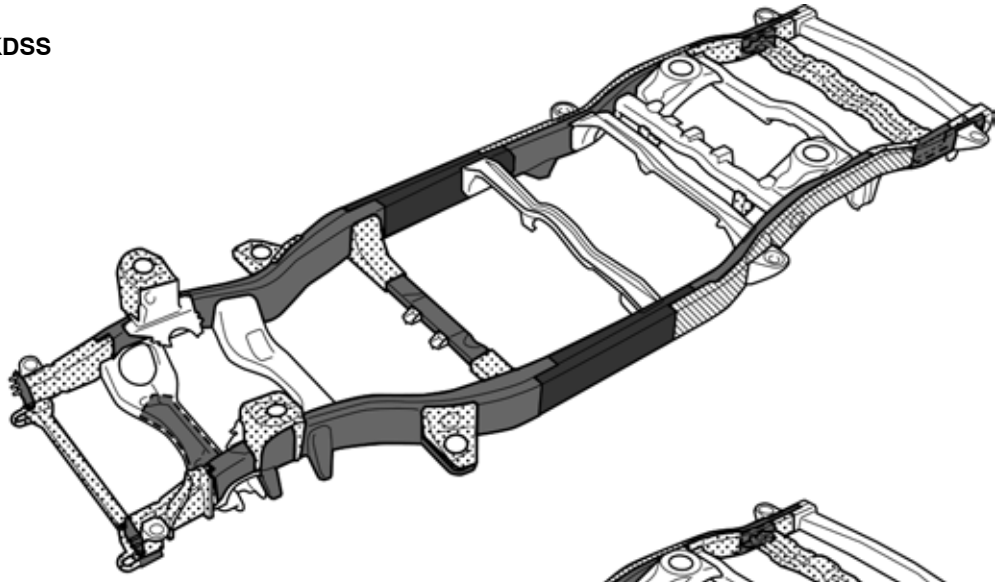
F30976

ABOUT THIS VEHICLE

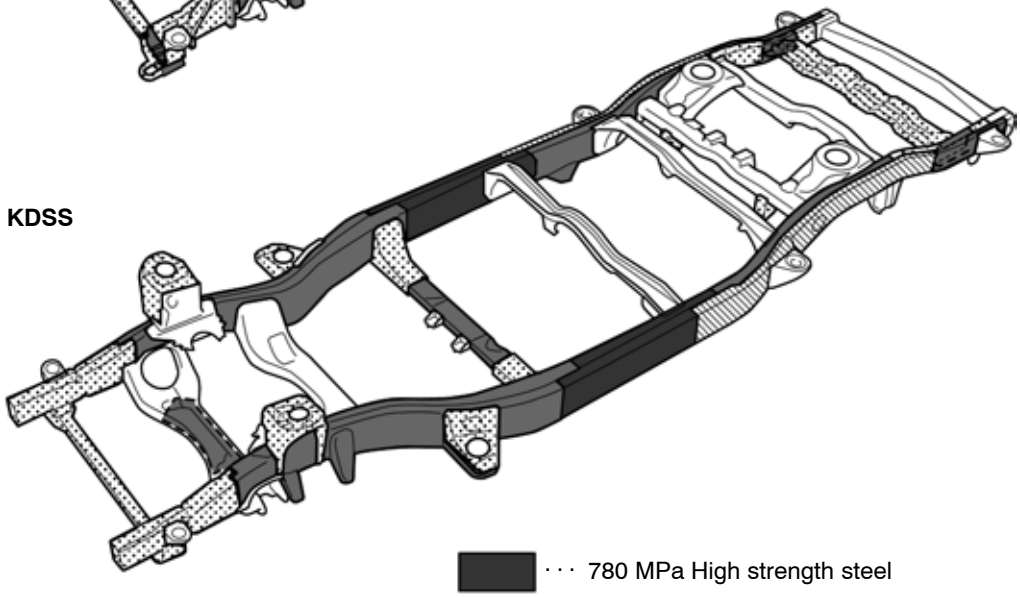
1. STRUCTURAL OUTLINE



w/o Winch, w/ KDSS



w/ Winch, w/o KDSS

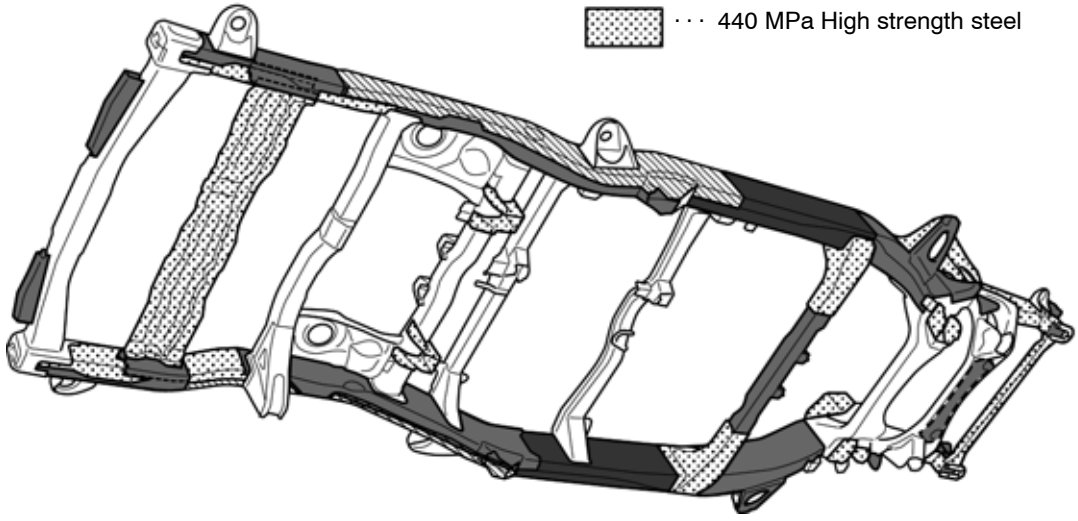


780 MPa High strength steel

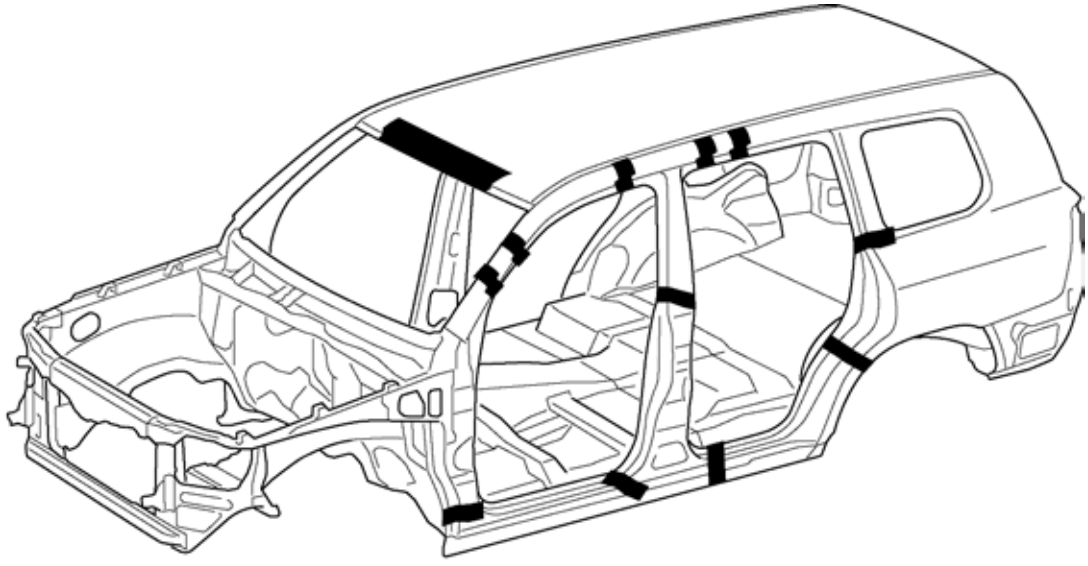
590 MPa High strength steel

490 MPa High strength steel

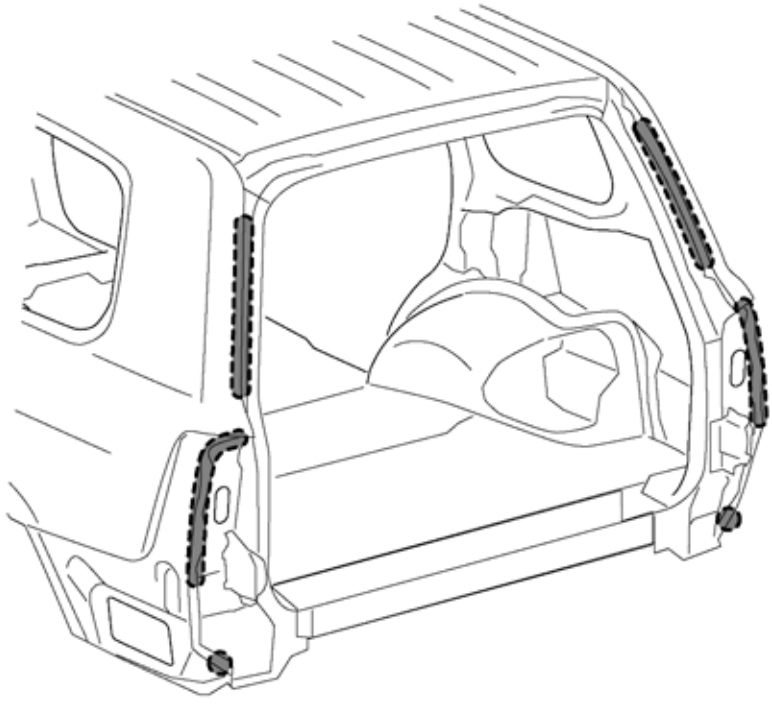
440 MPa High strength steel



F30890



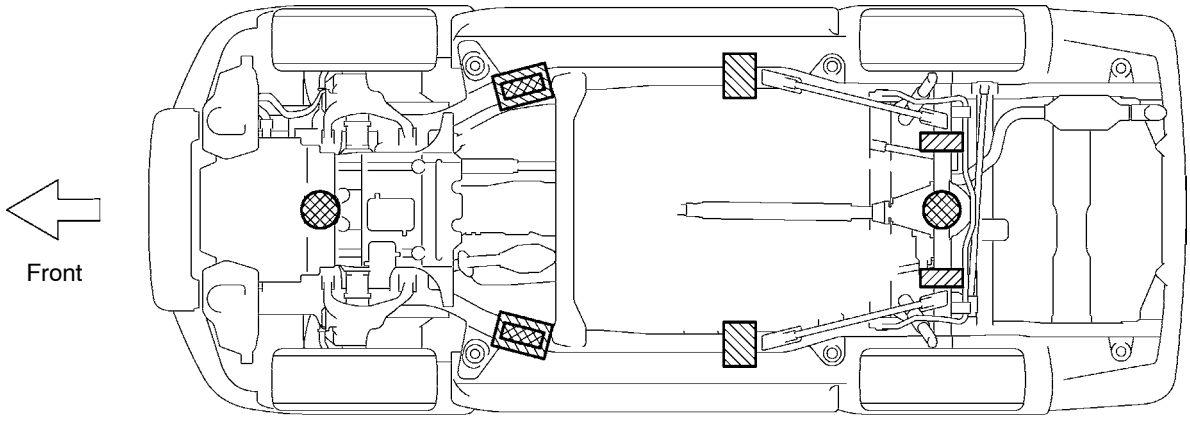
··· Foamed sealing material application areas



··· Laser welding

F30951

2. NOTICE ABOUT VEHICLE CONDITION WHEN JACKING UP VEHICLE



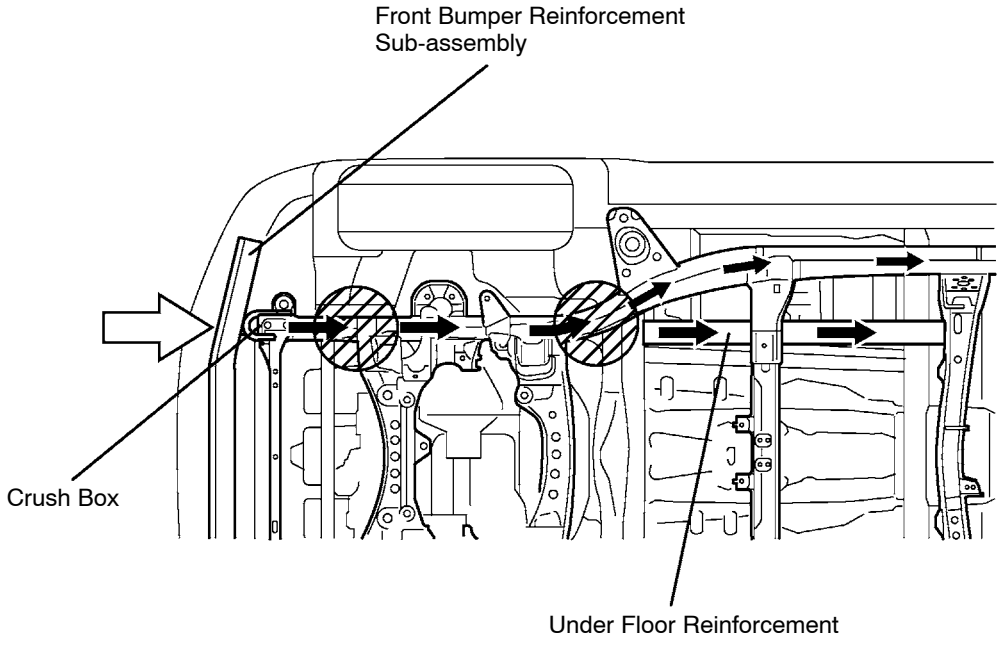
: JACK POSITION	Front: Center of crossmember Rear: Center of rear axle housing
: SUPPORT POSITION	Safety stand
: SUPPORT POSITION	Swing arm type lift

F30952

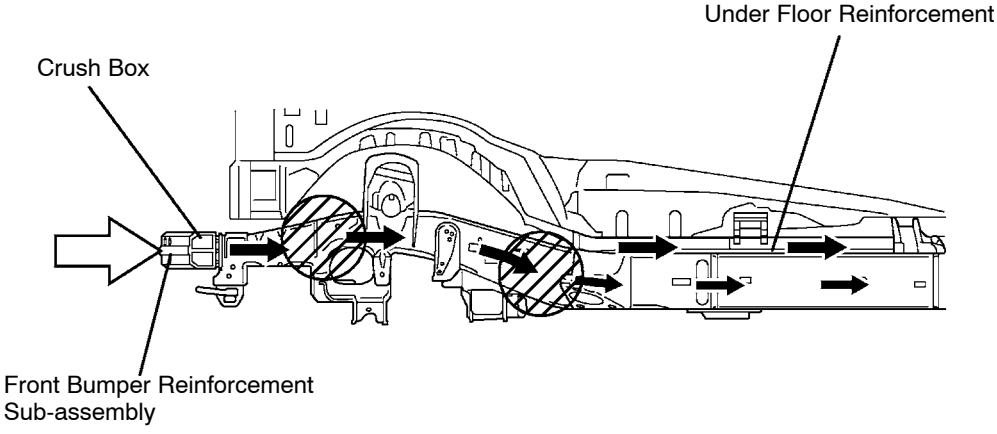
3. DAMAGE DIAGNOSIS

Confirmation Point | Collision Direction | Collision Force Absorption Direction

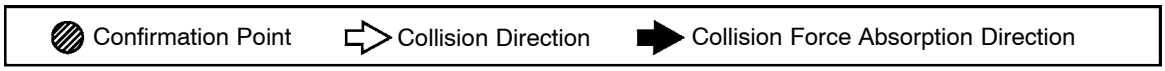
Bottom View

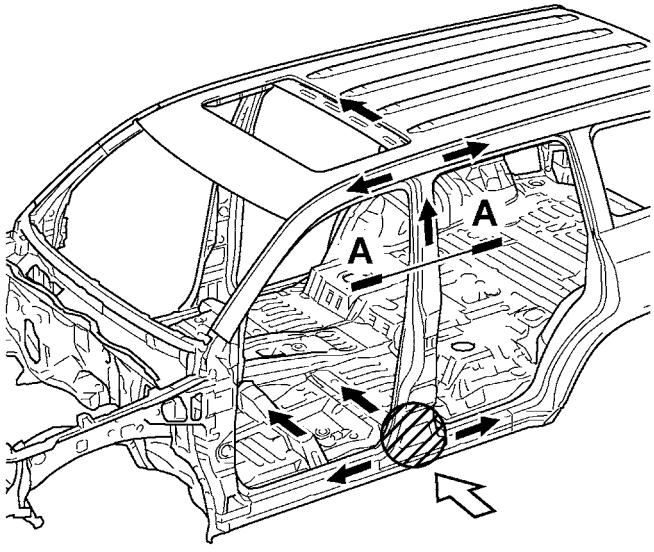


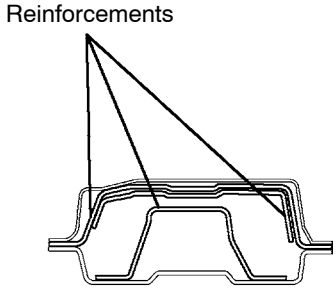
Side View



F30894

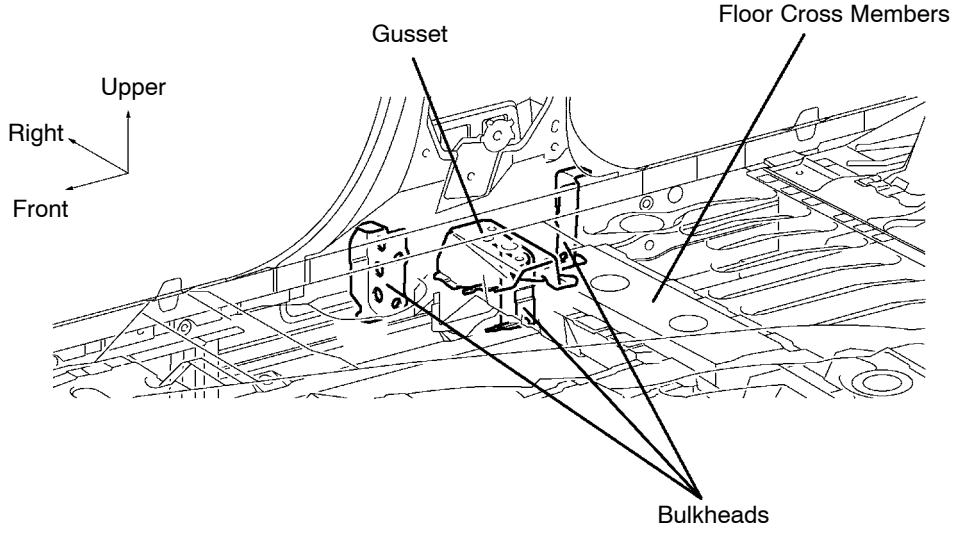






A - A Cross Section

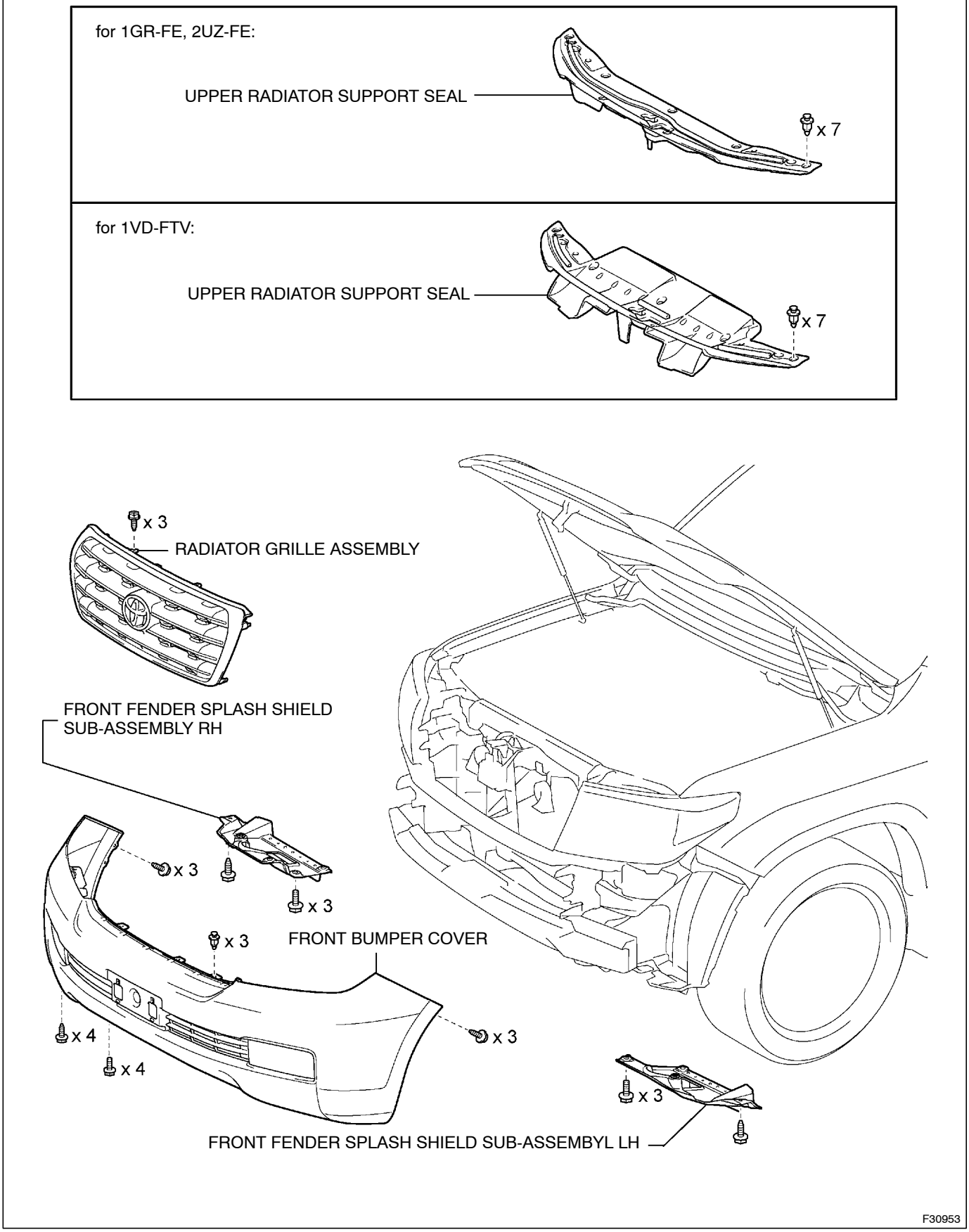
Rocker Member Section

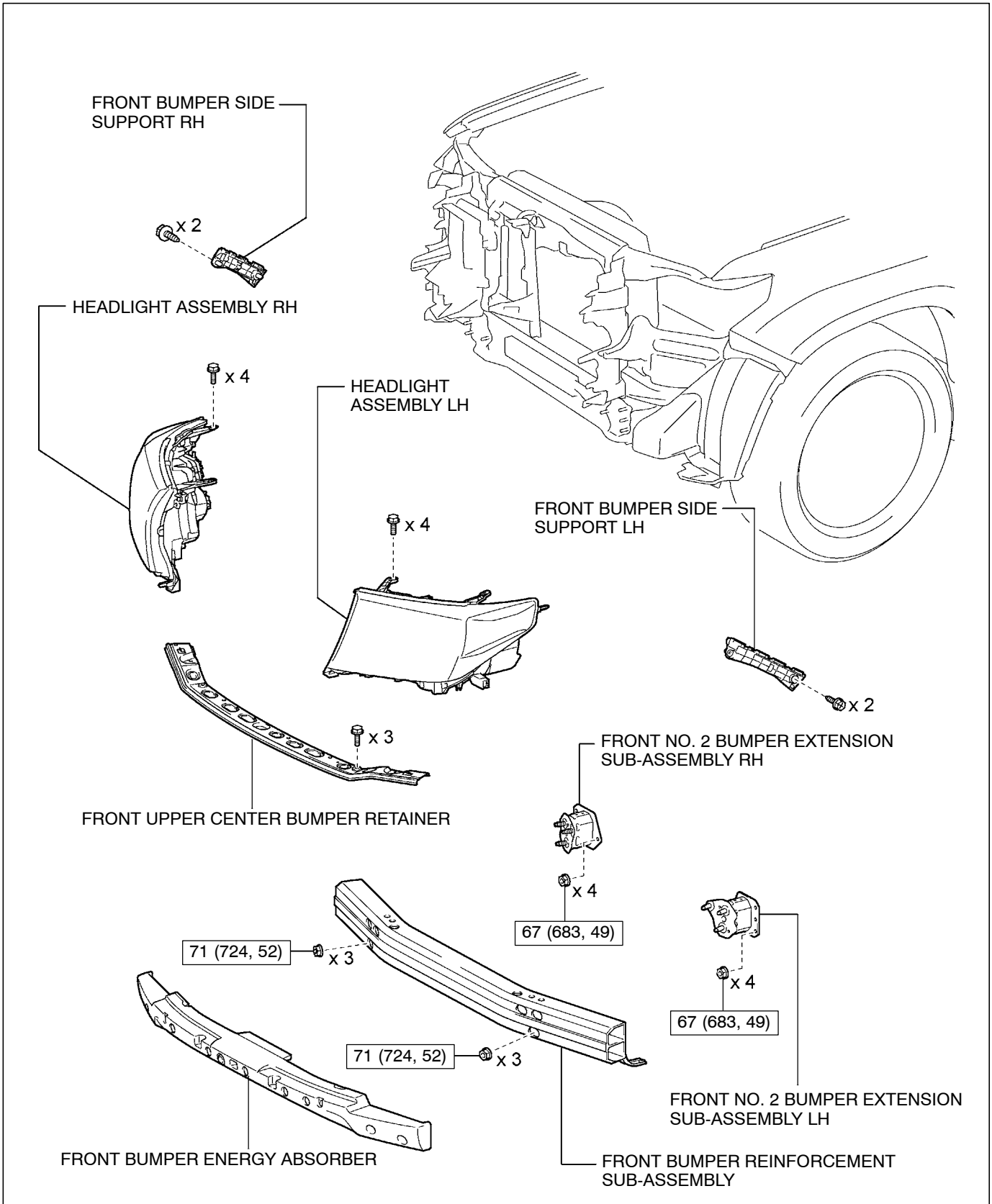


F30895

4. COMPONENTS

(a) FRONT BUMPER





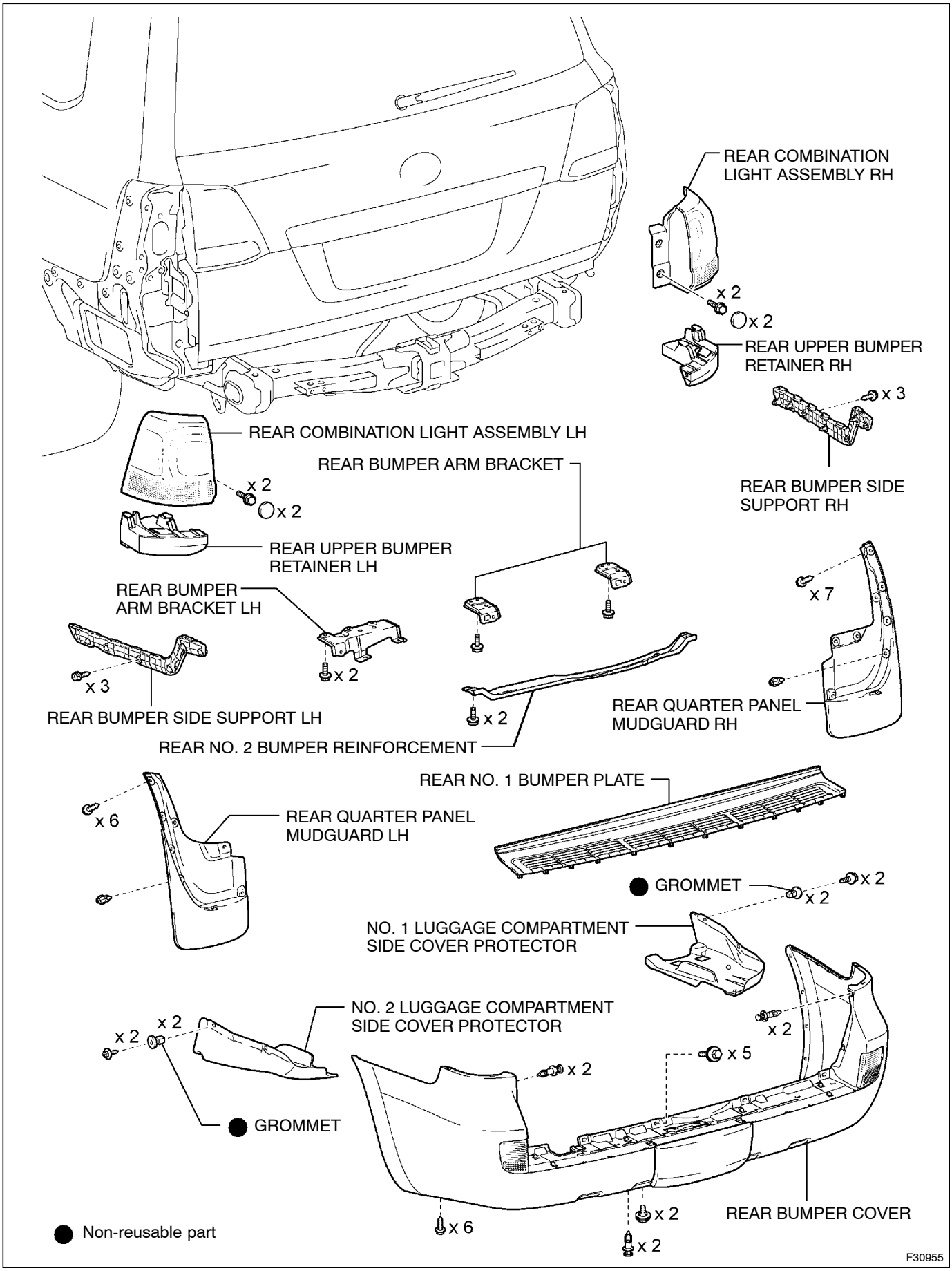
CAUTION:

The bolts and nuts must be tightened to the torque specification, as they are related to vehicle safety during a collision.

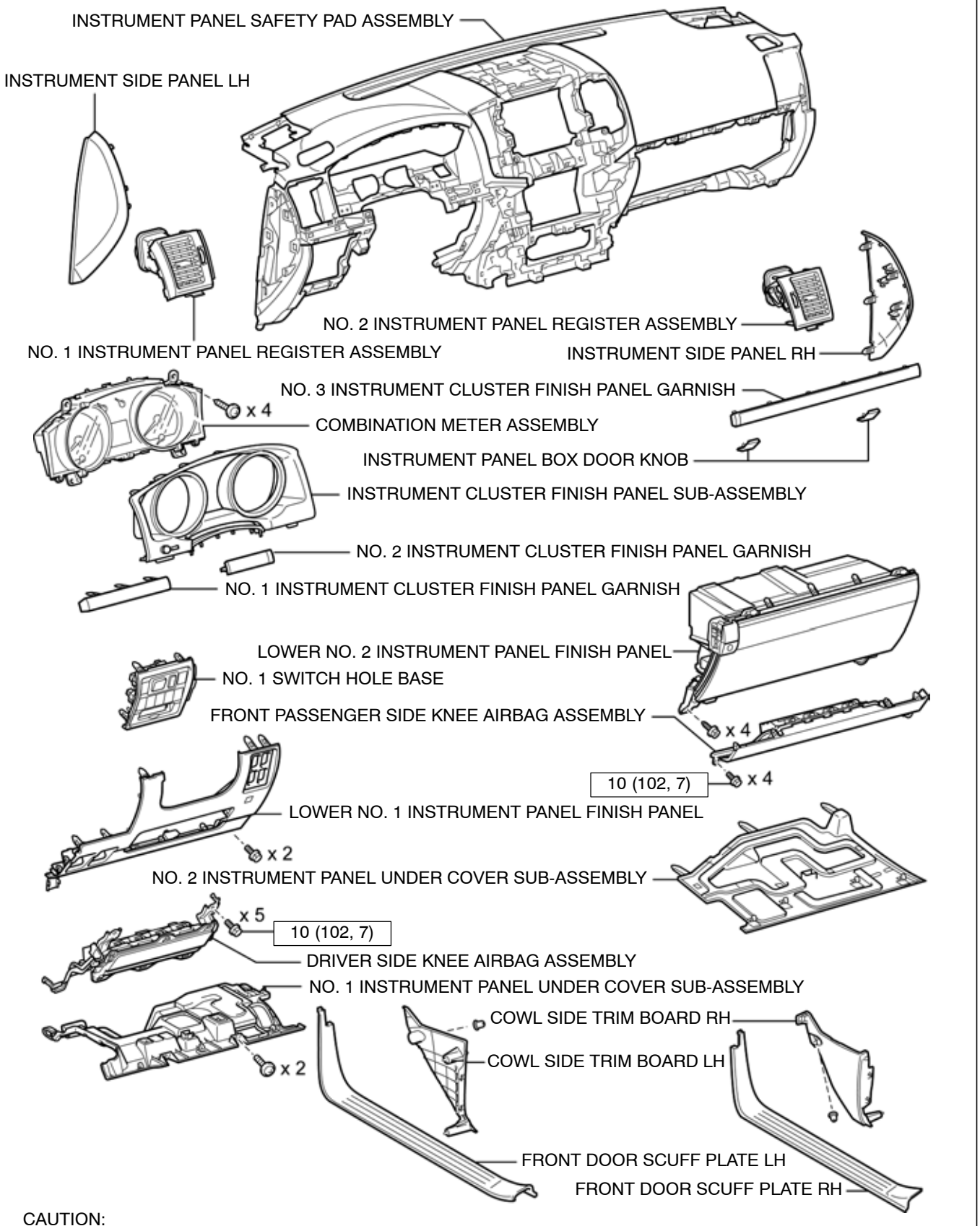
N·m (kgf·cm, ft.·lbf) : Specified torque

F30954

(b) REAR BUMPER



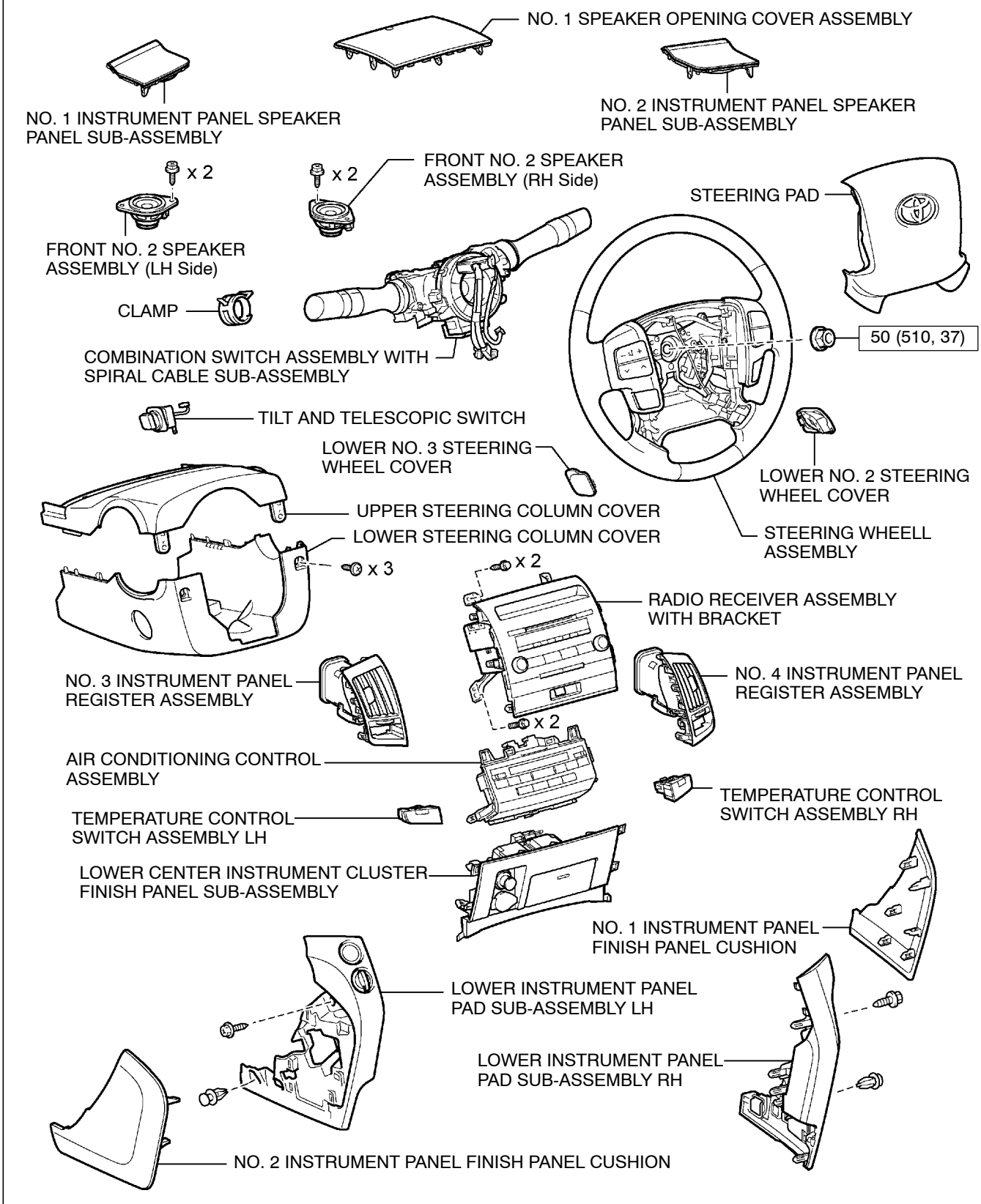
(c) INSTRUMENT PANEL



CAUTION:
The bolts and nuts must be tightened to the torque specification, as they are related to vehicle safety during a collision.

N·m (kgf·cm, ft.·lbf) : Specified torque

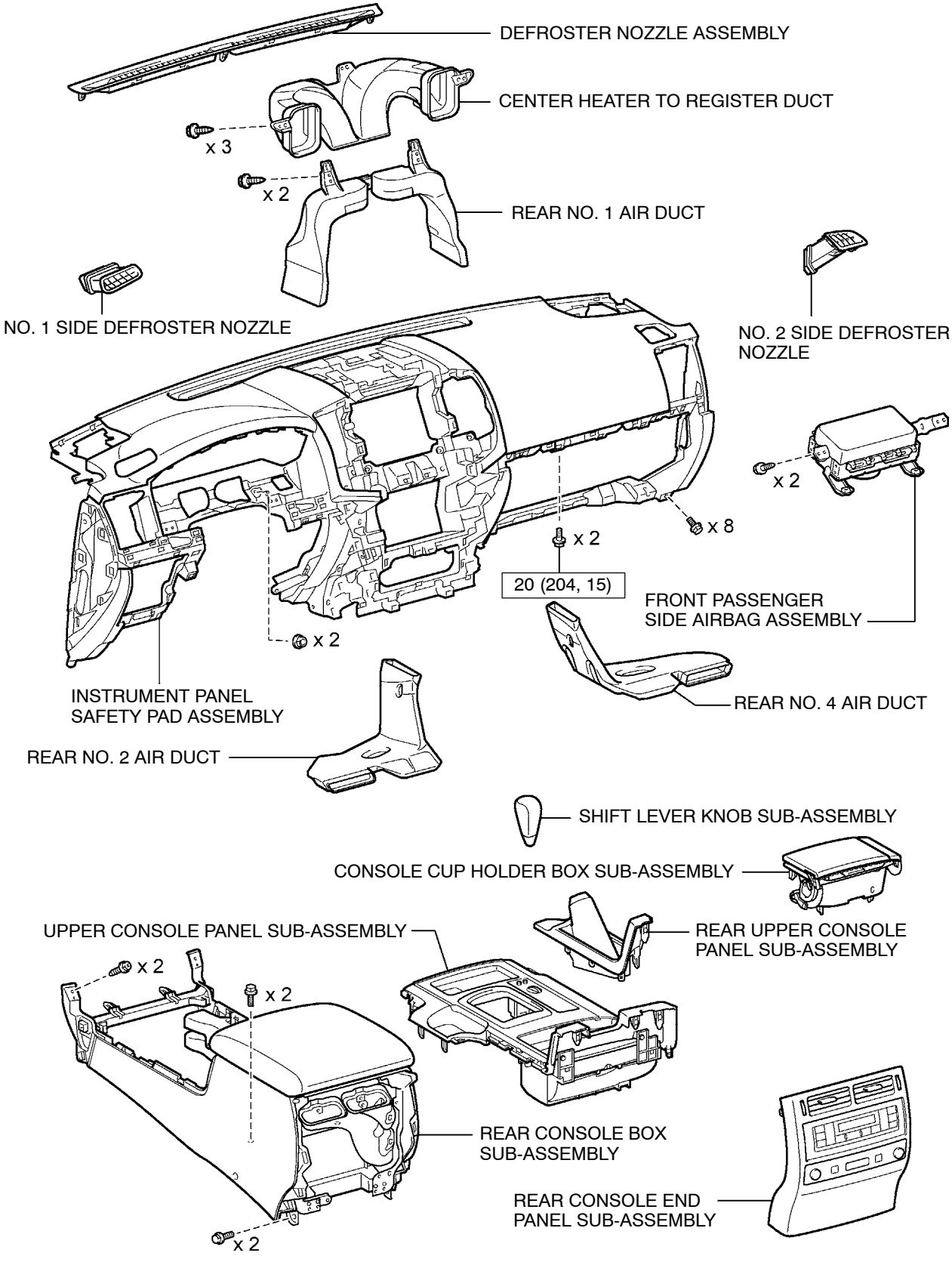
F30957



CAUTION:
The bolts and nuts must be tightened to the torque specification, as they are related to vehicle safety during a collision.

N·m (kgf·cm, ft.·lbf)	: Specified torque

F30958

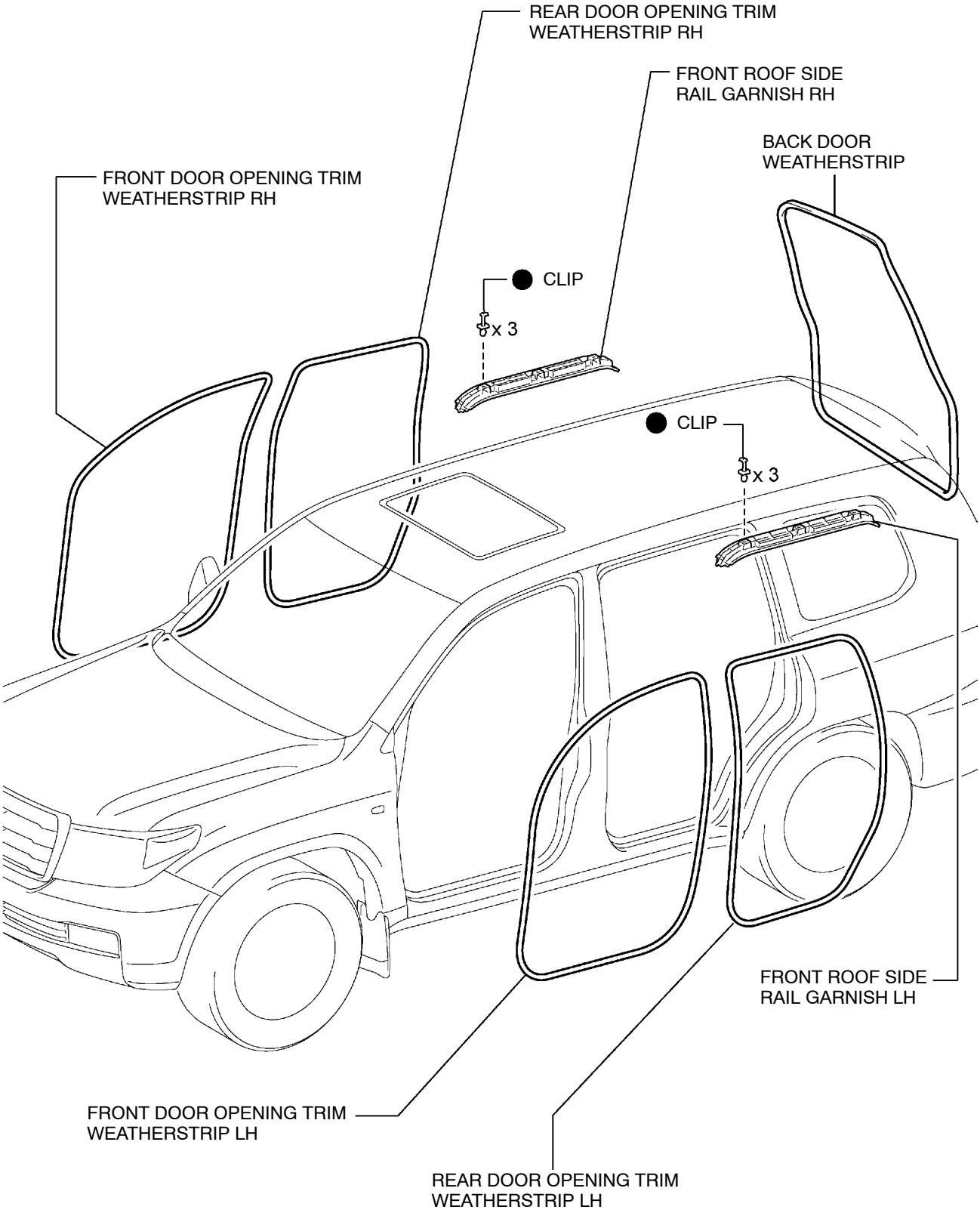


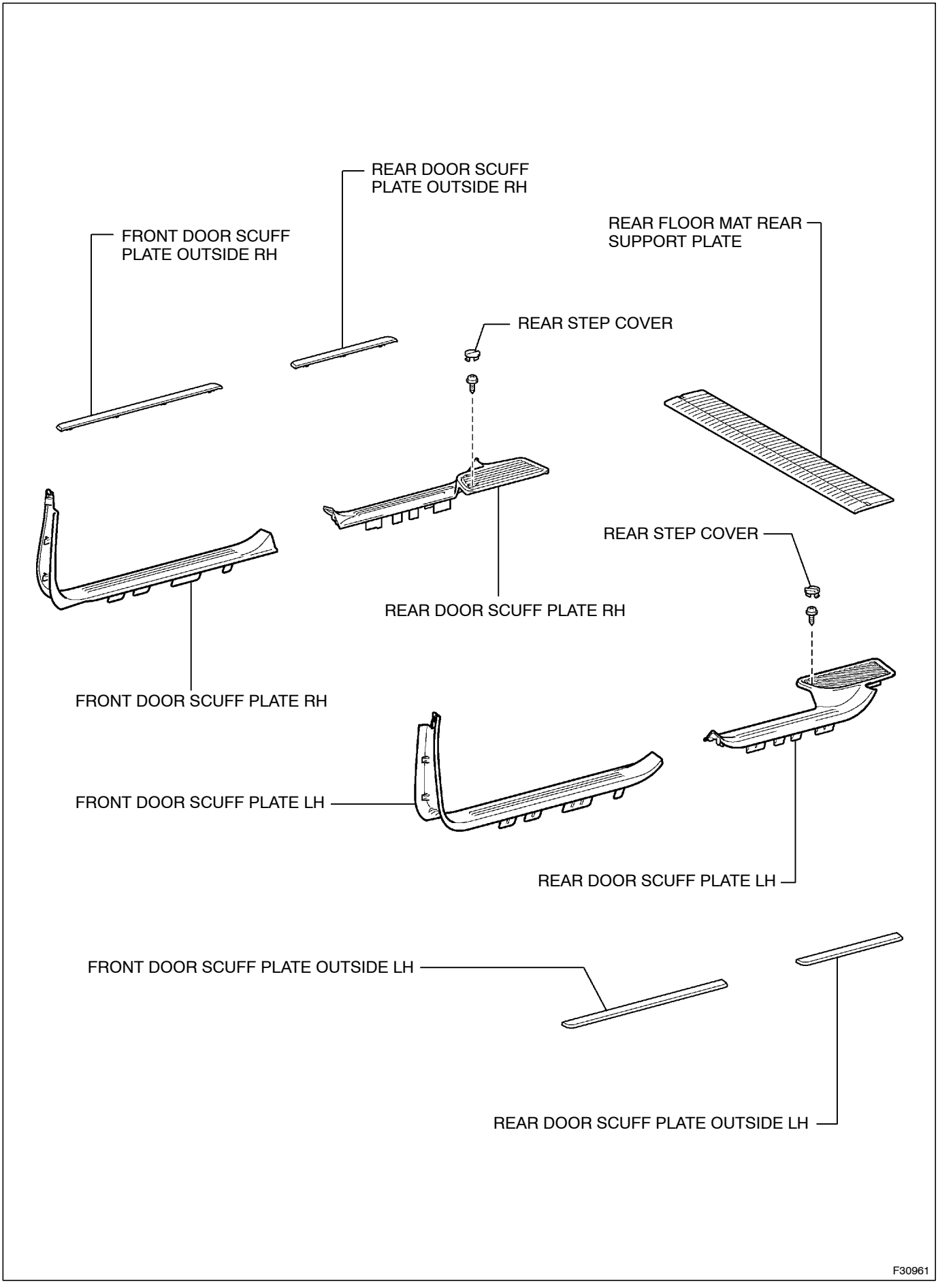
CAUTION:
The bolts and nuts must be tightened to the torque specification, as they are related to vehicle safety during a collision.

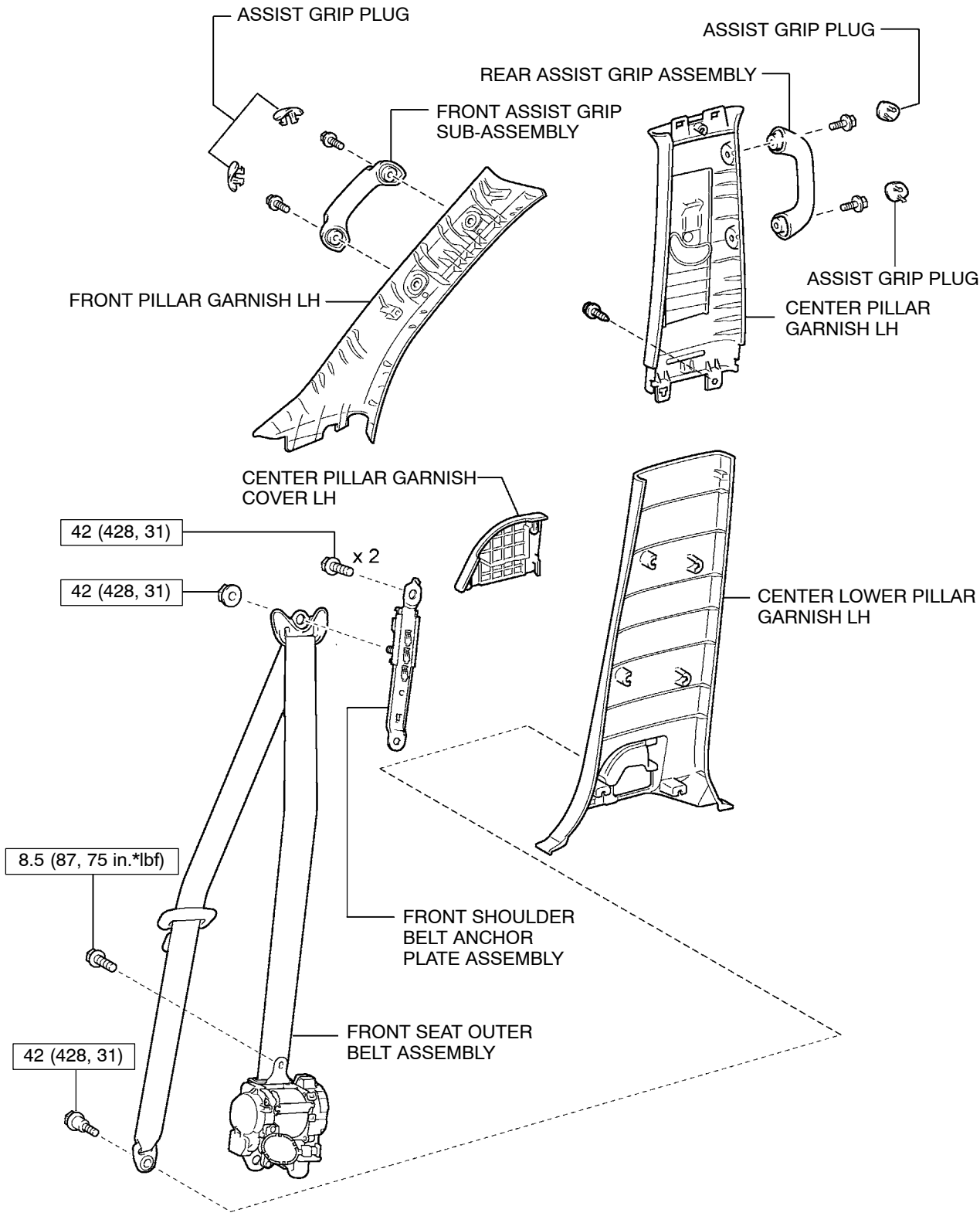
N·m (kgf·cm, ft.·lbf) : Specified torque

F30959

(d) INTERIOR TRIM




REAR DOOR SCUFF PLATE OUTSIDE RH
FRONT DOOR SCUFF PLATE OUTSIDE RH
REAR FLOOR MAT REAR SUPPORT PLATE
REAR STEP COVER
REAR STEP COVER
REAR DOOR SCUFF PLATE RH
FRONT DOOR SCUFF PLATE RH
FRONT DOOR SCUFF PLATE LH
REAR DOOR SCUFF PLATE LH
FRONT DOOR SCUFF PLATE OUTSIDE LH
REAR DOOR SCUFF PLATE OUTSIDE LH
F30961

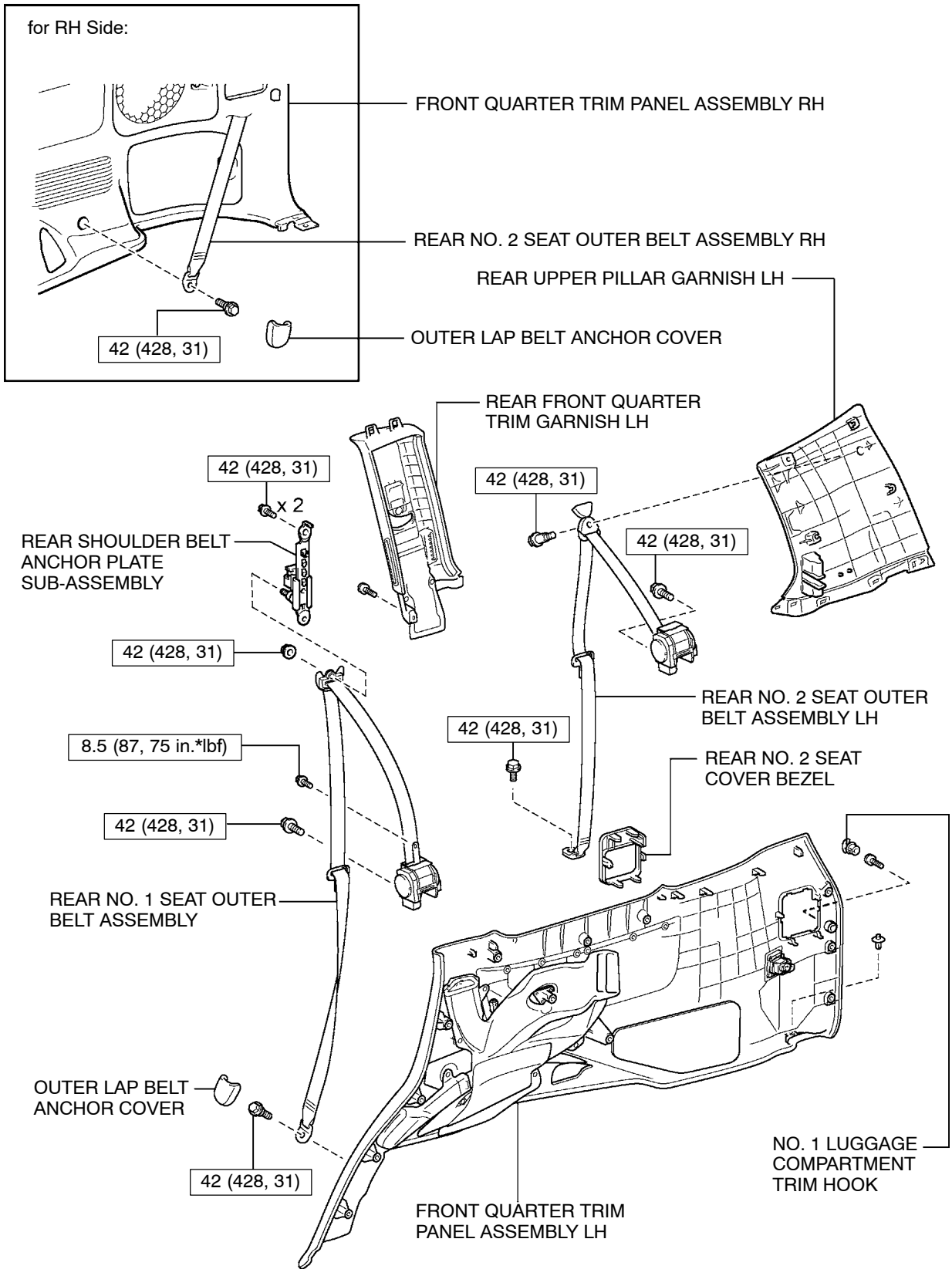


CAUTION:

The bolts and nuts must be tightened to the torque specification, as they are related to vehicle safety during a collision.

N·m (kgf·cm, ft.·lbf) : Specified torque

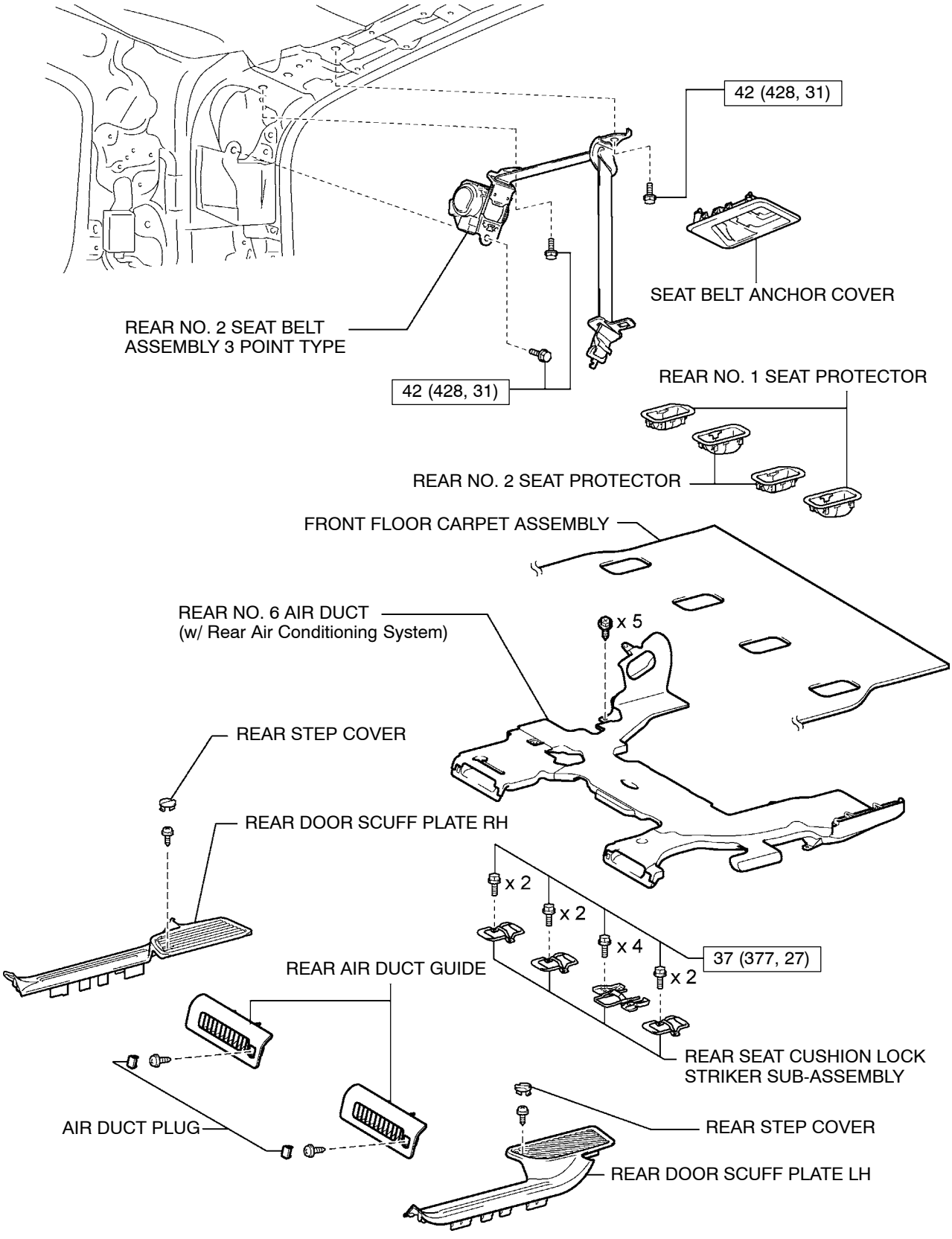
F30962



CAUTION:
The bolts and nuts must be tightened to the torque specification, as they are related to vehicle safety during a collision.

N·m (kgf·cm, ft.·lbf) : Specified torque

F30963

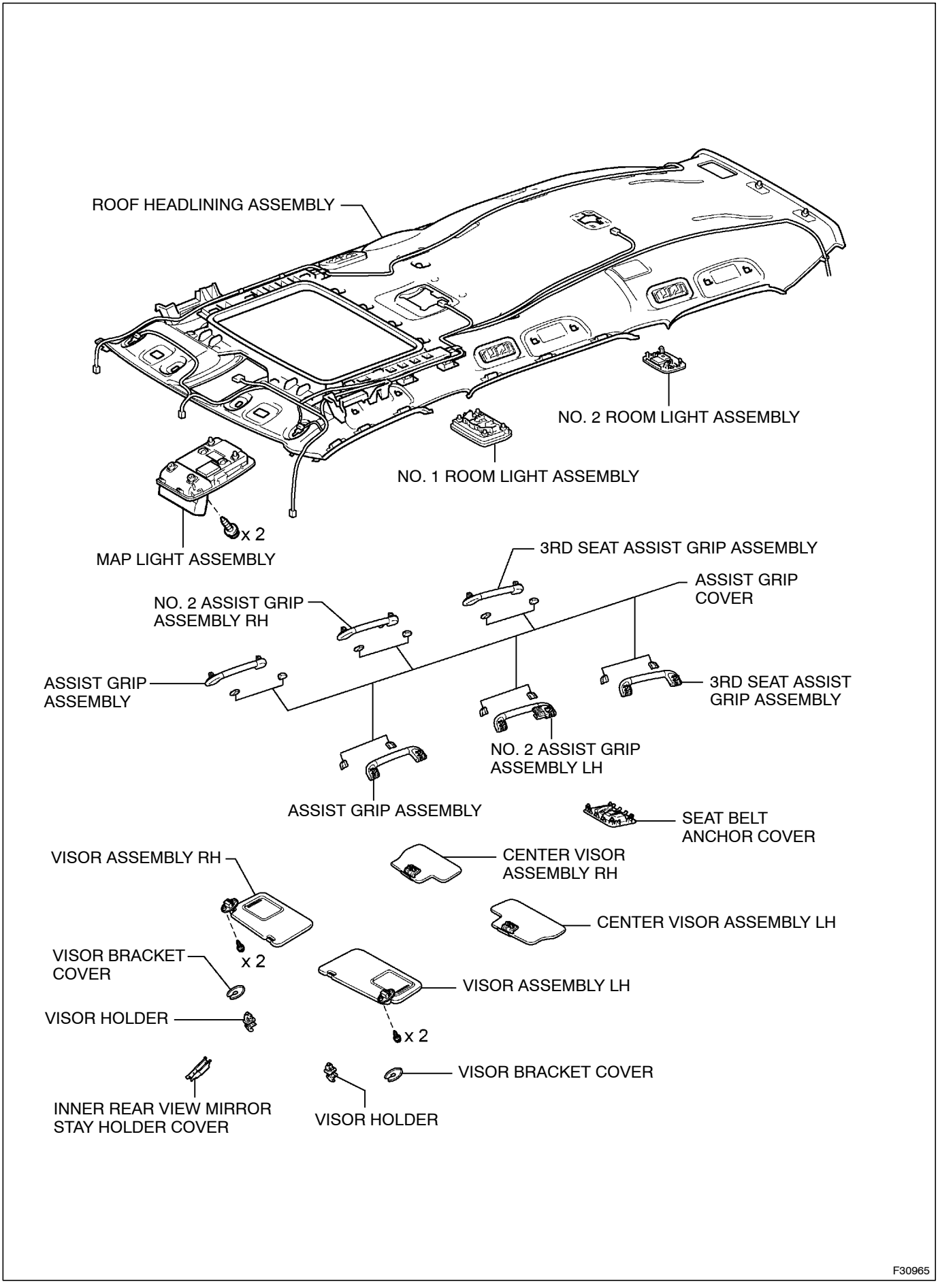


CAUTION:

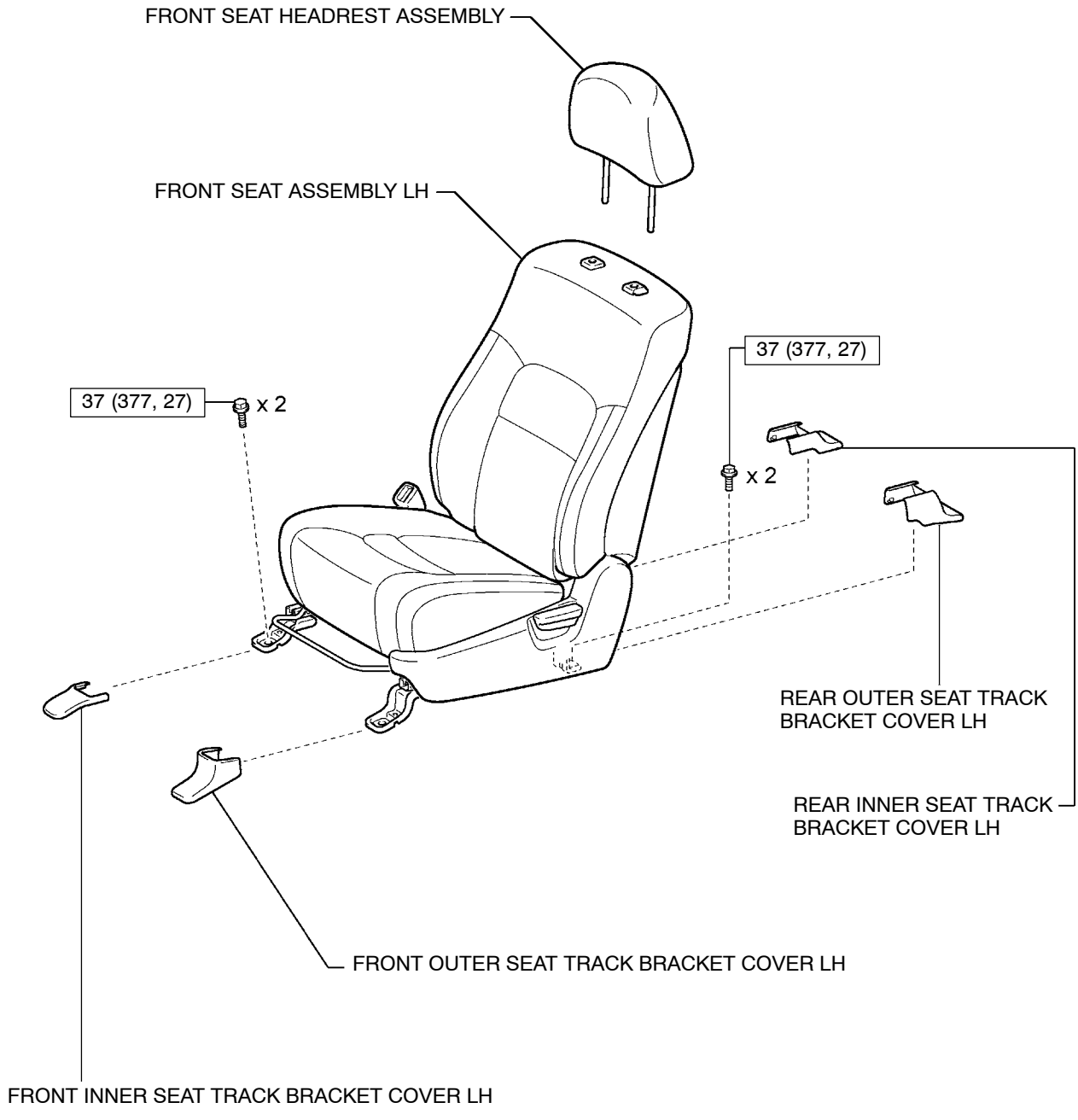
The bolts and nuts must be tightened to the torque specification, as they are related to vehicle safety during a collision.

N·m (kgf·cm, ft.·lbf) : Specified torque

F30964


ROOF HEADLINING ASSEMBLY
NO. 2 ROOM LIGHT ASSEMBLY
NO. 1 ROOM LIGHT ASSEMBLY
x 2
MAP LIGHT ASSEMBLY
3RD SEAT ASSIST GRIP ASSEMBLY
ASSIST GRIP COVER
NO. 2 ASSIST GRIP ASSEMBLY RH
ASSIST GRIP ASSEMBLY
3RD SEAT ASSIST GRIP ASSEMBLY
NO. 2 ASSIST GRIP ASSEMBLY LH
ASSIST GRIP ASSEMBLY
SEAT BELT ANCHOR COVER
VISOR ASSEMBLY RH
CENTER VISOR ASSEMBLY RH
CENTER VISOR ASSEMBLY LH
x 2
VISOR BRACKET COVER
VISOR ASSEMBLY LH
VISOR HOLDER
x 2
VISOR BRACKET COVER
INNER REAR VIEW MIRROR STAY HOLDER COVER
VISOR HOLDER
F30965

(e) FRONT SEAT

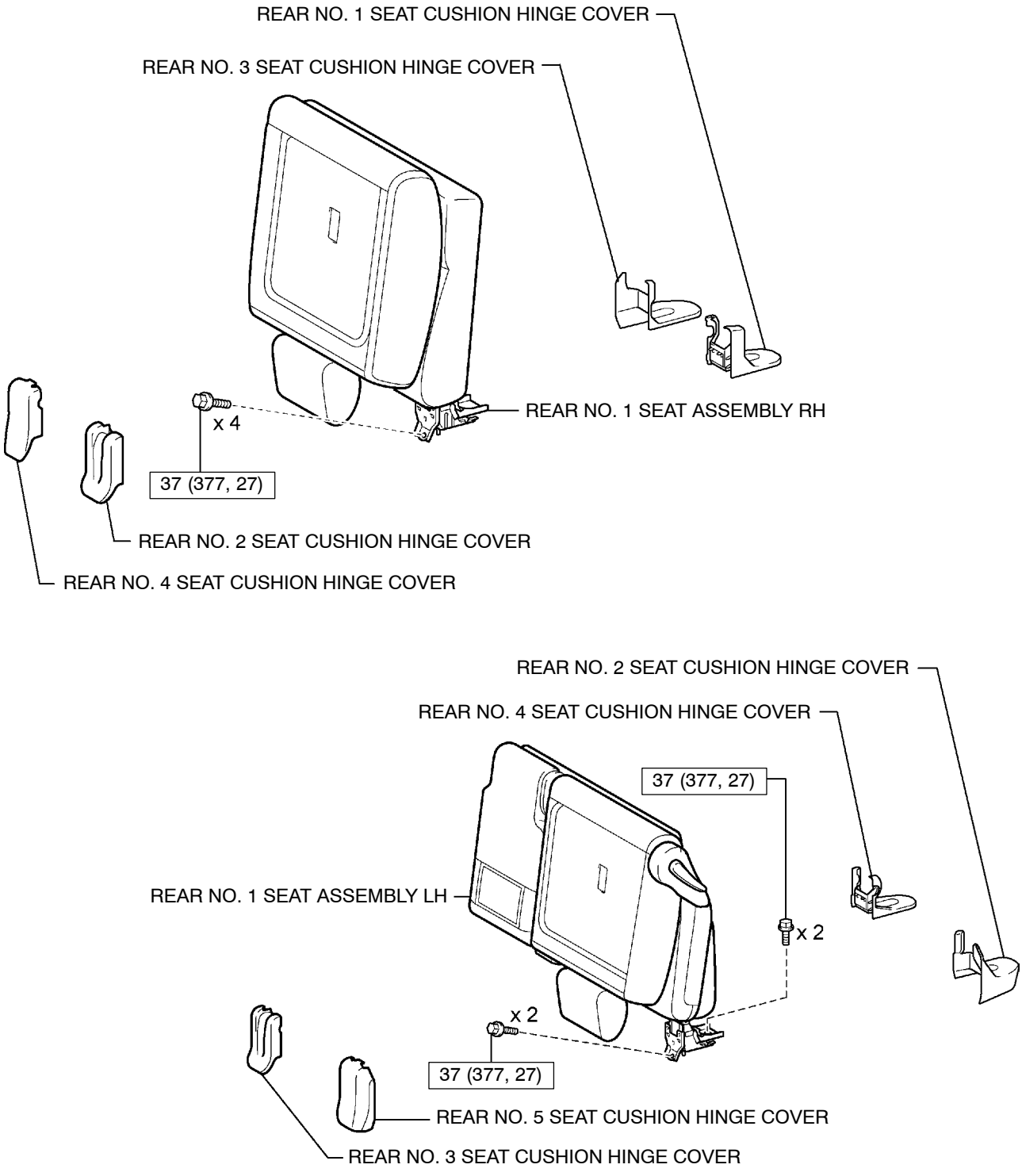


CAUTION:
The bolts and nuts must be tightened to the torque specification, as they are related to vehicle safety during a collision.

N·m (kgf·cm, ft.·lbf) : Specified torque

F30966

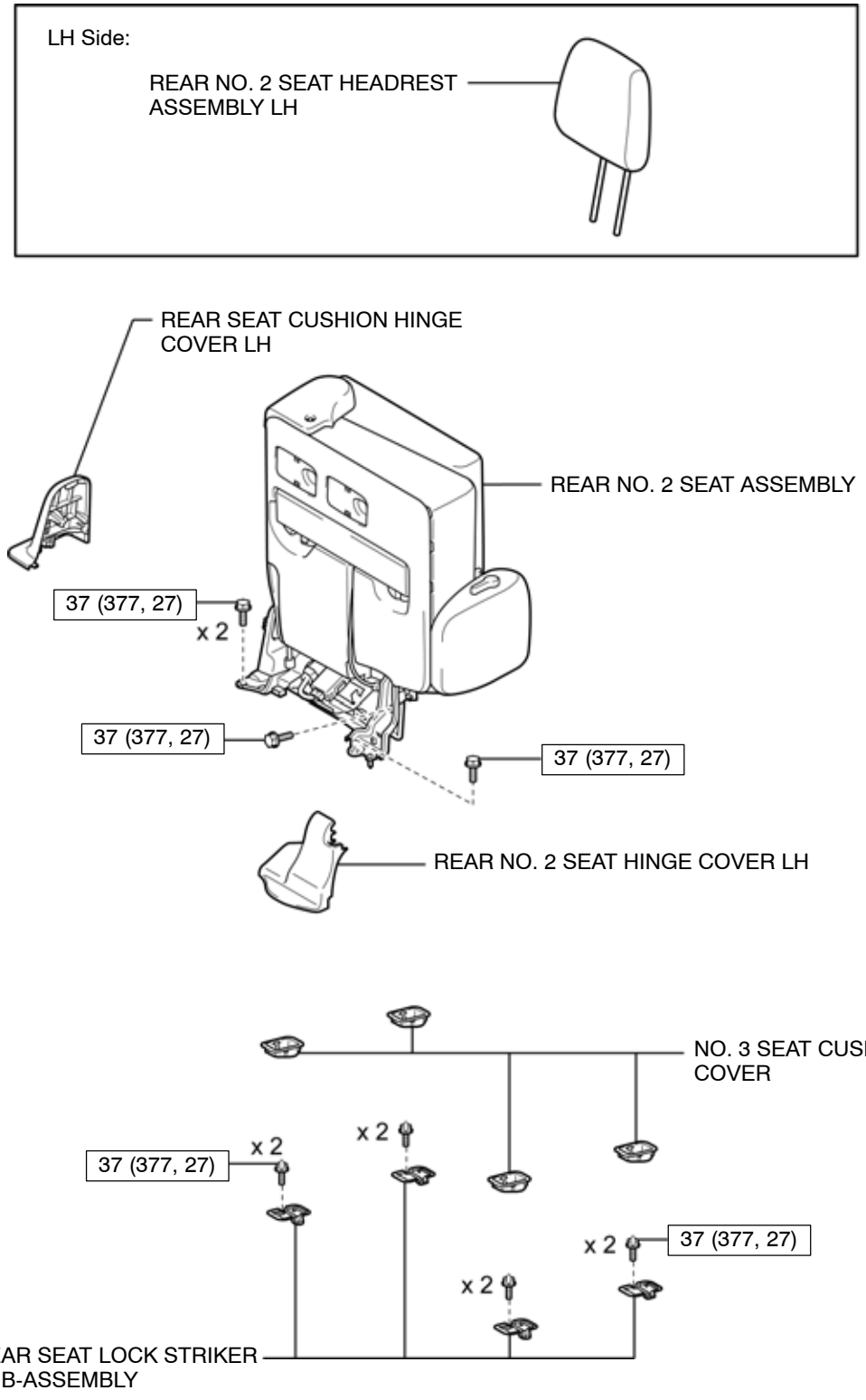
(f) REAR SEAT



CAUTION:
The bolts and nuts must be tightened to the torque specification, as they are related to vehicle safety during a collision.

N·m (kgf·cm, ft.·lbf) : Specified torque

F30967



CAUTION:

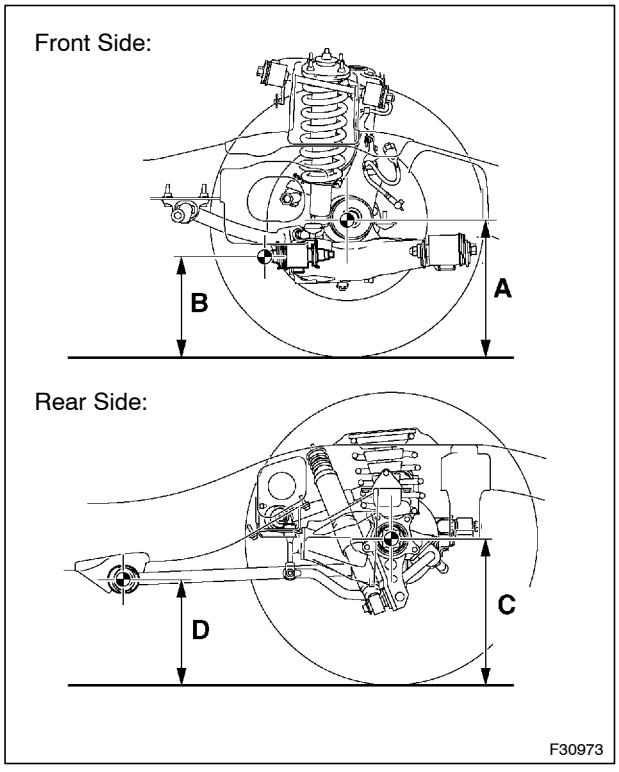
The bolts and nuts must be tightened to the torque specification, as they are related to vehicle safety during a collision.

N·m (kgf·cm, ft.·lbf) : Specified torque

F30968

5. WHEEL ALIGNMENT STANDARD

(a) FRONT WHEEL ALIGNMENT (USA, Canada)



(1) Standard vehicle height (unloaded vehicle):

Measuring points:

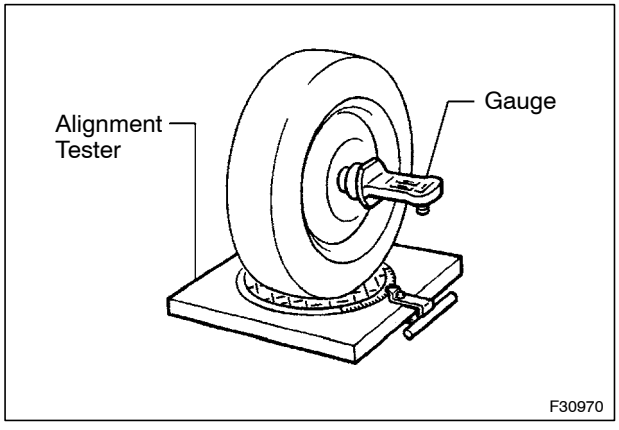
A: Ground clearance of the front drive shaft center

B: Ground clearance of the front adjusting cam bolt center

C: Ground clearance of the rear axle shaft center

D: Ground clearance of the rear lower control arm front side center

Front A - B	Rear C - D
97 mm (3.82 in.)	77 mm (3.03 in.)



(2) Standard camber inclination (unloaded vehicle):

Camber Inclination	
Camber Left - right error	0°08' +/-45' (0.13° +/-0.75°) 45' (0.75°) or less

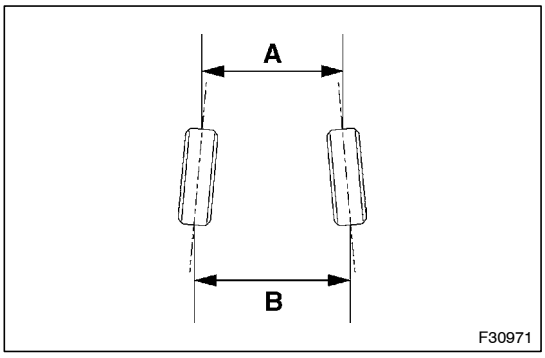
(3) Standard caster inclination (unloaded vehicle):

Caster Inclination	
Caster Left - right error	2°54' +/-45' (2.90° +/-0.75°) 45' (0.75°) or less

(4) Standard steering axis inclination (unloaded vehicle):

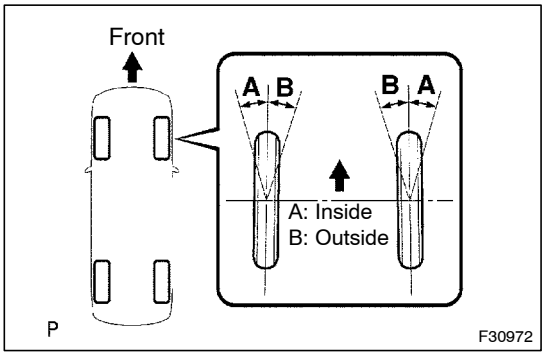
HINT:
The steering axis inclination is a reference value.

Steering Axis Inclination (Reference)	
Steering Axis	12°51' (12.85°)



(5) Standard toe-in (unloaded vehicle):

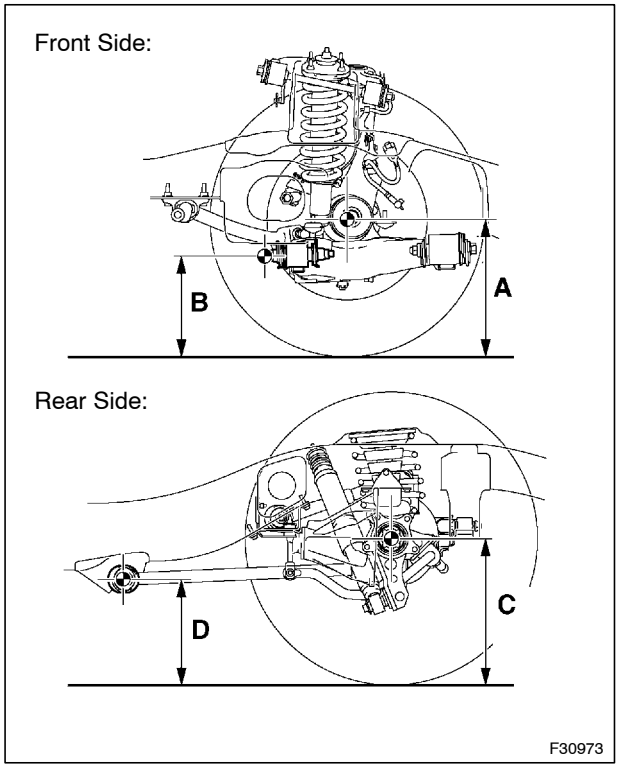
Item	Standard toe-in
Toe-in (total)	B - A: 3 +/-2 mm (0.118 +/-0.0787 in.)



(6) Standard wheel turning angle (unloaded vehicle):

Inside Wheel Angle	Outside Wheel Angle (Reference)
33°31' to 36°31' (33.52° to 36.52°)	32°13' (32.21°)

(b) FRONT WHEEL ALIGNMENT (Except USA, Canada)



(1) Standard vehicle height (unloaded vehicle):

Measuring points:

A: Ground clearance of the front drive shaft center

B: Ground clearance of the front adjusting cam bolt center

C: Ground clearance of the rear axle shaft center

D: Ground clearance of the rear lower control arm front side center

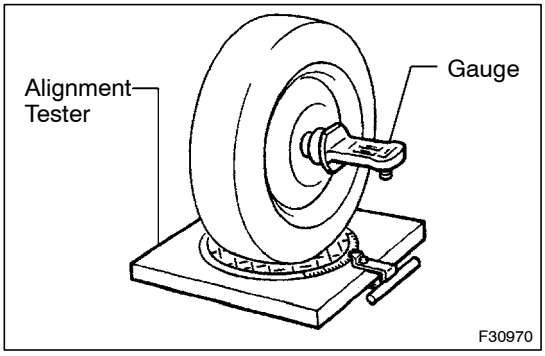
Vehicle Model	Suspension Package Option	Front A - B	Rear C - D
GRJ200L/R-GMMNK	Option Less	97.6 mm (3.84 in.)	58.5 mm (2.30 in.)
	Spare Tire x 2	95.0 mm (3.74 in.)	54.7 mm (2.15 in.)
	Sub Tank	96.5 mm (3.80 in.)	54.3 mm (2.14 in.)
	Winch	99.1 mm (3.90 in.)	57.3 mm (2.26 in.)
	Spare Tire x 2 + Winch	96.6 mm (3.80 in.)	53.7 mm (2.11 in.)
	Sub Tank + Winch	98.0 mm (3.86 in.)	53.1 mm (2.09 in.)
	Spare Tire x 2 + Sub Tank	92.6 mm (3.65 in.)	62.3 mm (2.45 in.)
	Winch + Spare Tire x 2 + Sub Tank	94.3 mm (3.71 in.)	61.2 mm (2.41 in.)
	Full Option	96.5 mm (3.80 in.)	59.9 mm (2.36 in.)
GRJ200L/R-GNMNK	Option Less	97.8 mm (3.85 in.)	56.1 mm (2.21 in.)
	Spare Tire x 2	94.5 mm (3.72 in.)	58.4 mm (2.30 in.)
	Sub Tank	96.0 mm (3.78 in.)	58.1 mm (2.29 in.)
	Winch	99.3 mm (3.91 in.)	55.0 mm (2.17 in.)
	Spare Tire x 2 + Winch	96.1 mm (3.78 in.)	57.4 mm (2.26 in.)
	Sub Tank + Winch	97.6 mm (3.84 in.)	56.9 mm (2.24 in.)
	Spare Tire x 2 + Sub Tank	92.8 mm (3.65 in.)	60.1 mm (2.37 in.)
	Full Option	97.6 mm (3.84 in.)	61.3 mm (2.41 in.)
GRJ200L-GPMNK	Option Less	95.9 mm (3.78 in.)	56.0 mm (2.20 in.)
	Spare Tire x 2	92.6 mm (3.65 in.)	58.3 mm (2.30 in.)
	Sub Tank	94.1 mm (3.70 in.)	57.9 mm (2.28 in.)
	Winch	97.5 mm (3.84 in.)	54.8 mm (2.16 in.)
	Spare Tire x 2 + Winch	94.3 mm (3.71 in.)	57.3 mm (2.26 in.)
	Sub Tank + Winch	95.8 mm (3.77 in.)	56.7 mm (2.23 in.)
	Spare Tire x 2 + Sub Tank	90.8 mm (3.57 in.)	59.9 mm (2.36 in.)
	Full Option	96.2 mm (3.79 in.)	61.7 mm (2.43 in.)

Vehicle Model	Suspension Package Option	Front A - B	Rear C - D
UZJ200L-GNAEK	Option Less	98.5 mm (3.88 in.)	65.5 mm (2.58 in.)
	Spare Tire x 2	96.0 mm (3.78 in.)	61.7 mm (2.43 in.)
	Full Option	99.0 mm (3.90 in.)	65.0 mm (2.56 in.)
	w/ KDSS Option Less	95.1 mm (3.74 in.)	66.6 mm (2.62 in.)
	w/ KDSS Spare Tire x 2	92.9 mm (3.66 in.)	59.5 mm (2.34 in.)
	w/ KDSS Full Option	95.6 mm (3.76 in.)	63.2 mm (2.49 in.)
VDJ200L-GMMNZ	Option Less	95.8 mm (3.77 in.)	60.9 mm (2.40 in.)
	Spare Tire x 2	92.8 mm (3.65 in.)	63.1 mm (2.48 in.)
	Sub Tank	94.2 mm (3.71 in.)	62.7 mm (2.47 in.)
	Winch	98.8 mm (3.89 in.)	60.1 mm (2.37 in.)
	Spare Tire x 2 + Winch	96.0 mm (3.78 in.)	62.5 mm (2.46 in.)
	Sub Tank + Winch	97.3 mm (3.83 in.)	61.8 mm (2.43 in.)
	Spare Tire x 2 + Sub Tank	91.2 mm (3.59 in.)	64.6 mm (2.54 in.)
	Full Option	98.4 mm (3.87 in.)	61.9 mm (2.44 in.)
VDJ200L/R-GNMNZ	Option Less	94.4 mm (3.72 in.)	61.2 mm (2.41 in.)
	Spare Tire x 2	91.4 mm (3.60 in.)	63.2 mm (2.49 in.)
	Sub Tank	92.8 mm (3.65 in.)	62.8 mm (2.47 in.)
	Winch	97.4 mm (3.83 in.)	60.5 mm (2.38 in.)
	Spare Tire x 2 + Winch	94.7 mm (3.73 in.)	62.6 mm (2.46 in.)
	Sub Tank + Winch	96.0 mm (3.78 in.)	62.1 mm (2.44 in.)
	Spare Tire x 2 + Sub Tank	90.1 mm (3.55 in.)	62.1 mm (2.44 in.)
	Full Option	97.8 mm (3.85 in.)	59.9 mm (2.36 in.)
VDJ200L/R-GNTEZ	Option Less	99.6 mm (3.92 in.)	64.5 mm (2.54 in.)
	Spare Tire x 2	96.7 mm (3.81 in.)	66.4 mm (2.61 in.)
	Sub Tank	98.0 mm (3.86 in.)	66.0 mm (2.60 in.)
	Spare Tire x 2 + Sub Tank	95.2 mm (3.75 in.)	67.7 mm (2.67 in.)
	Full Option	100.2 mm (3.94 in.)	66.8 mm (2.63 in.)
	w/ KDSS Option Less	99.9 mm (3.93 in.)	56.4 mm (2.22 in.)
	w/ KDSS Spare Tire x 2	96.4 mm (3.80 in.)	64.9 mm (2.56 in.)
	w/ KDSS Sub Tank	97.7 mm (3.85 in.)	64.5 mm (2.54 in.)
	w/ KDSS Spare Tire x 2 + Sub Tank	94.5 mm (3.72 in.)	69.8 mm (2.75 in.)
	w/ KDSS Full Option	98.8 mm (3.89 in.)	67.9 mm (2.67 in.)
VDJ200L/R-GNTNZ	Option Less	99.6 mm (3.92 in.)	64.5 mm (2.54 in.)
	Spare Tire x 2	96.7 mm (3.81 in.)	66.4 mm (2.61 in.)
	Sub Tank	98.0 mm (3.86 in.)	66.0 mm (2.60 in.)
	Winch	100.8 mm (3.97 in.)	63.4 mm (2.50 in.)
	Spare Tire x 2 + Winch	98.0 mm (3.86 in.)	65.4 mm (2.57 in.)
	Sub Tank + Winch	99.3 mm (3.91 in.)	64.8 mm (2.55 in.)
	Spare Tire x 2 + Sub Tank	95.4 mm (3.76 in.)	65.3 mm (2.57 in.)
	Full Option	99.9 mm (3.93 in.)	63.2 mm (2.49 in.)

Vehicle Model	Suspension Package Option	Front A - B	Rear C - D
VDJ200L/R-GPMNZ	Option Less	94.4 mm (3.72 in.)	61.5 mm (2.42 in.)
	Spare Tire x 2	92.0 mm (3.62 in.)	57.7 mm (2.27 in.)
	Sub Tank	93.4 mm (3.68 in.)	57.3 mm (2.26 in.)
	Winch	97.5 mm (3.84 in.)	60.8 mm (2.39 in.)
	Spare Tire x 2 + Winch	95.3 mm (3.75 in.)	57.1 mm (2.25 in.)
	Sub Tank + Winch	96.6 mm (3.80 in.)	56.4 mm (2.22 in.)
	Spare Tire x 2 + Sub Tank	90.4 mm (3.56 in.)	59.4 mm (2.34 in.)
	Full Option	96.8 mm (3.81 in.)	58.6 mm (2.31 in.)
VDJ200R-GMMNZ	Option Less	100.3 mm (3.95 in.)	55.6 mm (2.19 in.)
	Spare Tire x 2	97.3 mm (3.83 in.)	58.1 mm (2.29 in.)
	Sub Tank	98.7 mm (3.89 in.)	57.8 mm (2.28 in.)
	Winch	102.9 mm (4.05 in.)	54.8 mm (2.16 in.)
	Spare Tire x 2 + Winch	100.1 mm (3.94 in.)	57.4 mm (2.26 in.)
	Sub Tank + Winch	101.4 mm (3.99 in.)	56.8 mm (2.24 in.)
	Spare Tire x 2 + Sub Tank	95.4 mm (3.76 in.)	63.0 mm (2.48 in.)
	Full Option	98.6 mm (3.88 in.)	64.2 mm (2.53 in.)
GRJ200L-GNANKV	Option Less	87.9 mm (3.46 in.)	81.1 mm (3.19 in.)
	Spare Tire x 2	84.8 mm (3.34 in.)	81.9 mm (3.22 in.)
	Winch	87.2 mm (3.43 in.)	78.0 mm (3.07 in.)
	Spare Tire x 2 + Winch	84.2 mm (3.31 in.)	78.9 mm (3.11 in.)
	Full Option	88.3 mm (3.48 in.)	84.6 mm (3.33 in.)
GRJ200L-GNMNKV	Option Less	87.9 mm (3.46 in.)	81.1 mm (3.19 in.)
	Spare Tire x 2	84.8 mm (3.34 in.)	81.9 mm (3.22 in.)
	Winch	87.2 mm (3.43 in.)	78.0 mm (3.07 in.)
	Spare Tire x 2 + Winch	84.2 mm (3.31 in.)	78.9 mm (3.11 in.)
	Full Option	88.3 mm (3.48 in.)	85.2 mm (3.35 in.)
GRJ200L-GPANKV	Option Less	88.3 mm (3.48 in.)	78.3 mm (3.08 in.)
	Spare Tire x 2	85.1 mm (3.35 in.)	79.2 mm (3.12 in.)
	Winch	88.7 mm (3.49 in.)	77.0 mm (3.03 in.)
	Spare Tire x 2 + Winch	85.7 mm (3.37 in.)	78.1 mm (3.07 in.)
	Full Option	88.6 mm (3.49 in.)	82.0 mm (3.23 in.)
GRJ200L-GPMNKV	Option Less	88.3 mm (3.48 in.)	78.3 mm (3.08 in.)
	Spare Tire x 2	85.1 mm (3.35 in.)	79.2 mm (3.12 in.)
	Winch	88.7 mm (3.49 in.)	77.0 mm (3.03 in.)
	Spare Tire x 2 + Winch	85.7 mm (3.37 in.)	78.1 mm (3.07 in.)
	Full Option	88.6 mm (3.49 in.)	82.0 mm (3.23 in.)
UZJ200L-GNANKV	Option Less	87.5 mm (3.44 in.)	79.8 mm (3.14 in.)
	Spare Tire x 2	84.5 mm (3.33 in.)	80.6 mm (3.17 in.)
	Winch	86.7 mm (3.41 in.)	78.3 mm (3.08 in.)
	Spare Tire x 2 + Winch	83.8 mm (3.30 in.)	79.2 mm (3.12 in.)
	Full Option	85.2 mm (3.35 in.)	83.4 mm (3.28 in.)
UZJ200L-GNAEKV	w/ KDSS Option Less	89.8 mm (3.54 in.)	81.5 mm (3.21 in.)
	w/ KDSS Spare Tire x 2	86.8 mm (3.42 in.)	82.3 mm (3.24 in.)
	w/ KDSS Full Option	91.3 mm (3.59 in.)	86.9 mm (3.42 in.)

Vehicle Model	Suspension Package Option	Front A - B	Rear C - D
VDJ200L-GNMNZV	Option Less	90.8 mm (3.57 in.)	82.6 mm (3.25 in.)
	Spare Tire x 2	88.0 mm (3.46 in.)	83.4 mm (3.28 in.)
	Winch	93.6 mm (3.69 in.)	81.9 mm (3.22 in.)
	Full Option	94.0 mm (3.70 in.)	82.2 mm (3.24 in.)
VDJ200L-GPMNZV	Option Less	91.2 mm (3.59 in.)	79.8 mm (3.14 in.)
	Spare Tire x 2	88.3 mm (3.48 in.)	80.8 mm (3.18 in.)
	Full Option	91.0 mm (3.58 in.)	80.3 mm (3.16 in.)
VDJ200L-GNTNZV	Option Less	85.3 mm (3.36 in.)	81.3 mm (3.20 in.)
	Spare Tire x 2	82.5 mm (3.25 in.)	82.2 mm (3.24 in.)
	Full Option	95.3 mm (3.75 in.)	82.6 mm (3.25 in.)
UZJ200R-GNAEKQ	w/ KDSS Option Less	88.3 mm (3.48 in.)	62.9 mm (2.48 in.)
	w/ KDSS Full Option	90.5 mm (3.56 in.)	67.3 mm (2.65 in.)
UZJ200R-GNANKQ	Option Less	84.9 mm (3.34 in.)	56.9 mm (2.24 in.)
	Full Option	86.5 mm (3.41 in.)	59.0 mm (2.32 in.)
	w/ KDSS Option Less	90.1 mm (3.55 in.)	56.4 mm (2.22 in.)
	w/ KDSS Full Option	90.1 mm (3.55 in.)	58.1 mm (2.29 in.)
VDJ200R-GNTEZQ	Option Less	88.5 mm (3.48 in.)	56.6 mm (2.23 in.)
	Full Option	86.4 mm (3.40 in.)	62.2 mm (2.45 in.)
	w/ KDSS Option Less	96.2 mm (3.79 in.)	60.7 mm (2.39 in.)
	w/ KDSS Full Option	93.3 mm (3.67 in.)	66.3 mm (2.61 in.)
VDJ200R-GNTNZQ	Option Less	86.1 mm (3.39 in.)	57.0 mm (2.24 in.)
	Full Option	87.7 mm (3.45 in.)	58.2 mm (2.29 in.)
	w/ KDSS Option Less	92.2 mm (3.63 in.)	63.1 mm (2.48 in.)
	w/ KDSS Full Option	93.5 mm (3.68 in.)	64.3 mm (2.53 in.)
UZJ200R-GNAEKQ	w/ KDSS Bull Bar	98.9 mm (3.89 in.)	63.8 mm (2.51 in.)
	w/ KDSS Bull Bar Full Option	101.1 mm (3.98 in.)	68.3 mm (2.69 in.)
UZJ200R-GNANKQ	Bull Bar	95.0 mm (3.74 in.)	57.9 mm (2.28 in.)
	Bull Bar Full Option	96.6 mm (3.80 in.)	60.0 mm (2.36 in.)
	w/ KDSS Bull Bar	100.7 mm (3.96 in.)	57.4 mm (2.56 in.)
	w/ KDSS Bull Bar Full Option	100.7 mm (3.96 in.)	59.1 mm (2.33 in.)
VDJ200R-GNTEZQ	Bull Bar	98.2 mm (3.87 in.)	57.4 mm (2.26 in.)
	Bull Bar Full Option	96.1 mm (3.78 in.)	63.1 mm (2.48 in.)
	w/ KDSS Bull Bar	105.9 mm (4.17 in.)	61.4 mm (2.42 in.)
	w/ KDSS Bull Bar Full Option	103.0 mm (4.06 in.)	66.9 mm (2.63 in.)

Vehicle Model	Suspension Package Option	Front A - B	Rear C - D
VDJ200R-GNTNZQ	Bull Bar	95.8 mm (3.77 in.)	57.8 mm (2.28 in.)
	Bull Bar Full Option	97.4 mm (3.83 in.)	59.0 mm (2.32 in.)
	w/ KDSS Bull Bar	101.9 mm (4.01 in.)	63.7 mm (2.51 in.)
	w/ KDSS Bull Bar Full Option	103.2 mm (4.06 in.)	64.9 mm (2.56 in.)
UZJ200L-GMAEKW	w/ KDSS Option Less	93.7 mm (3.69 in.)	57.5 mm (2.26 in.)
	w/ KDSS Full Option	97.2 mm (3.83 in.)	63.6 mm (2.50 in.)
	Active Height Control STD	101.4 mm (3.99 in.)	93.8 mm (3.69 in.)
	Active Height Control Low	162.9 mm (6.41 in.)	139.0 mm (5.47 in.)
	Active Height Control High	52.2 mm (2.06 in.)	36.3 mm (1.43 in.)
UZJ200L/R-GNAEKW	w/ KDSS Option Less	93.9 mm (3.70 in.)	55.1 mm (2.17 in.)
	w/ KDSS Full Option	97.4 mm (3.83 in.)	61.2 mm (2.41 in.)
	Active Height Control STD	101.4 mm (3.99 in.)	93.6 mm (3.69 in.)
	Active Height Control Low	162.9 mm (6.41 in.)	138.8 mm (5.46 in.)
	Active Height Control High	52.1 mm (2.05 in.)	36.1 mm (1.42 in.)
VDJ200L-GMTEZW	w/ KDSS Option Less	97.6 mm (3.84 in.)	57.0 mm (2.24 in.)
	w/ KDSS Full Option	97.6 mm (3.84 in.)	57.0 mm (2.24 in.)
	Active Height Control STD	101.6 mm (3.99 in.)	94.4 mm (3.72 in.)
	Active Height Control Low	163.1 mm (6.42 in.)	139.6 mm (5.50 in.)
	Active Height Control High	52.4 mm (2.06 in.)	37.0 mm (1.46 in.)
VDJ200L/R-GNTEZW	w/ KDSS Option Less	97.3 mm (3.83 in.)	60.0 mm (2.36 in.)
	w/ KDSS Full Option	97.3 mm (3.83 in.)	60.0 mm (2.36 in.)
	Active Height Control STD	101.6 mm (3.99 in.)	94.3 mm (3.71 in.)
	Active Height Control Low	163.1 mm (6.42 in.)	139.5 mm (5.49 in.)
	Active Height Control High	52.3 mm (2.06 in.)	36.8 mm (1.45 in.)



(2) Standard camber inclination (Unloaded Vehicle):

Vehicle Model	Suspension Package Option	Caster Inclination	Caster Inclination
GRJ200L/R-GMMNK	Option Less	Camber Left - right error	-0°10' +/-45' (-0.16° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Camber Left - right error	0°13' +/-45' (0.22° +/-0.75°) 45' (0.75°) or less
	Sub Tank	Camber Left - right error	0°11' +/-45' (0.19° +/-0.75°) 45' (0.75°) or less
	Winch	Camber Left - right error	0°08' +/-45' (0.13° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Camber Left - right error	0°11' +/-45' (0.19° +/-0.75°) 45' (0.75°) or less
	Sub Tank + Winch	Camber Left - right error	0°10' +/-45' (0.16° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Sub Tank	Camber Left - right error	0°15' +/-45' (0.25° +/-0.75°) 45' (0.75°) or less
	Winch + Spare Tire x 2 + Sub Tank	Camber Left - right error	0°13' +/-45' (0.22° +/-0.75°) 45' (0.75°) or less
	Full Option	Camber Left - right error	0°11' +/-45' (0.18° +/-0.75°) 45' (0.75°) or less
GRJ200L/R-GNMNK	Option Less	Camber Left - right error	0°10' +/-45' (0.16° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Camber Left - right error	0°13' +/-45' (0.22° +/-0.75°) 45' (0.75°) or less
	Sub Tank	Camber Left - right error	0°11' +/-45' (0.19° +/-0.75°) 45' (0.75°) or less
	Winch	Camber Left - right error	0°08' +/-45' (0.13° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Camber Left - right error	0°11' +/-45' (0.19° +/-0.75°) 45' (0.75°) or less
	Sub Tank + Winch	Camber Left - right error	0°10' +/-45' (0.16° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Sub Tank	Camber Left - right error	0°15' +/-45' (0.25° +/-0.75°) 45' (0.75°) or less
	Full Option	Camber Left - right error	0°09' +/-45' (0.15° +/-0.75°) 45' (0.75°) or less
GRJ200L-GPMNK	Option Less	Camber Left - right error	0°12' +/-45' (0.20° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Camber Left - right error	0°16' +/-45' (0.26° +/-0.75°) 45' (0.75°) or less
	Sub Tank	Camber Left - right error	0°14' +/-45' (0.23° +/-0.75°) 45' (0.75°) or less
	Winch	Camber Left - right error	0°10' +/-45' (0.17° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Camber Left - right error	0°14' +/-45' (0.23° +/-0.75°) 45' (0.75°) or less
	Sub Tank + Winch	Camber Left - right error	0°12' +/-45' (0.20° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Sub Tank	Camber Left - right error	0°17' +/-45' (0.29° +/-0.75°) 45' (0.75°) or less
	Full Option	Camber Left - right error	0°11' +/-45' (0.18° +/-0.75°) 45' (0.75°) or less

Vehicle Model	Suspension Package Option	Caster Inclination	Caster Inclination
UZJ200L-GNAEK	Option Less	Camber Left - right error	0°07' +/-45' (0.12° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Camber Left - right error	0°11' +/-45' (0.18° +/-0.75°) 45' (0.75°) or less
	Full Option	Camber Left - right error	0°07' +/-45' (0.11° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Option Less	Camber Left - right error	0°11' +/-45' (0.19° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Spare Tire x 2	Camber Left - right error	0°15' +/-45' (0.25° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Full Option	Camber Left - right error	0°11' +/-45' (0.18° +/-0.75°) 45' (0.75°) or less
VDJ200L-GMMNZ	Option Less	Camber Left - right error	0°12' +/-45' (0.20° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Camber Left - right error	0°15' +/-45' (0.25° +/-0.75°) 45' (0.75°) or less
	Sub Tank	Camber Left - right error	0°13' +/-45' (0.22° +/-0.75°) 45' (0.75°) or less
	Winch	Camber Left - right error	0°08' +/-45' (0.14° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Camber Left - right error	0°11' +/-45' (0.19° +/-0.75°) 45' (0.75°) or less
	Sub Tank + Winch	Camber Left - right error	0°10' +/-45' (0.16° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Sub Tank	Camber Left - right error	0°17' +/-45' (0.28° +/-0.75°) 45' (0.75°) or less
	Full Option	Camber Left - right error	0°08' +/-45' (0.14° +/-0.75°) 45' (0.75°) or less
VDJ200L/R-GNMNZ	Option Less	Camber Left - right error	0°13' +/-45' (0.22° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Camber Left - right error	0°17' +/-45' (0.28° +/-0.75°) 45' (0.75°) or less
	Sub Tank	Camber Left - right error	0°15' +/-45' (0.25° +/-0.75°) 45' (0.75°) or less
	Winch	Camber Left - right error	0°10' +/-45' (0.16° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Camber Left - right error	0°13' +/-45' (0.21° +/-0.75°) 45' (0.75°) or less
	Sub Tank + Winch	Camber Left - right error	0°11' +/-45' (0.19° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Sub Tank	Camber Left - right error	0°18' +/-45' (0.30° +/-0.75°) 45' (0.75°) or less
	Full Option	Camber Left - right error	0°09' +/-45' (0.15° +/-0.75°) 45' (0.75°) or less
VDJ200L/R-GNTEZ	Option Less	Camber Left - right error	0°07' +/-45' (0.11° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Camber Left - right error	0°10' +/-45' (0.16° +/-0.75°) 45' (0.75°) or less
	Sub Tank	Camber Left - right error	0°08' +/-45' (0.13° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Sub Tank	Camber Left - right error	0°11' +/-45' (0.19° +/-0.75°) 45' (0.75°) or less
	Full Option	Camber Left - right error	0°05' +/-45' (0.09° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Option Less	Camber Left - right error	0°07' +/-45' (0.12° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Spare Tire x 2	Camber Left - right error	0°10' +/-45' (0.17° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Sub Tank	Camber Left - right error	0°08' +/-45' (0.14° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Spare Tire x 2 + Sub Tank	Camber Left - right error	0°12' +/-45' (0.20° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Full Option	Camber Left - right error	0°07' +/-45' (0.11° +/-0.75°) 45' (0.75°) or less

Vehicle Model	Suspension Package Option	Caster Inclination	Caster Inclination
VDJ200L/R-GNTNZ	Option Less	Camber Left - right error	0°07' +/-45' (0.11° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Camber Left - right error	0°10' +/-45' (0.16° +/-0.75°) 45' (0.75°) or less
	Sub Tank	Camber Left - right error	0°08' +/-45' (0.13° +/-0.75°) 45' (0.75°) or less
	Winch	Camber Left - right error	0°05' +/-45' (0.09° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Camber Left - right error	0°08' +/-45' (0.14° +/-0.75°) 45' (0.75°) or less
	Sub Tank + Winch	Camber Left - right error	0°07' +/-45' (0.11° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Sub Tank	Camber Left - right error	0°11' +/-45' (0.19° +/-0.75°) 45' (0.75°) or less
	Full Option	Camber Left - right error	0°06' +/-45' (0.10° +/-0.75°) 45' (0.75°) or less
VDJ200L/R-GPMNZ	Option Less	Camber Left - right error	0°13' +/-45' (0.22° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Camber Left - right error	0°17' +/-45' (0.28° +/-0.75°) 45' (0.75°) or less
	Sub Tank	Camber Left - right error	0°15' +/-45' (0.25° +/-0.75°) 45' (0.75°) or less
	Winch	Camber Left - right error	0°10' +/-45' (0.16° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Camber Left - right error	0°13' +/-45' (0.21° +/-0.75°) 45' (0.75°) or less
	Sub Tank + Winch	Camber Left - right error	0°11' +/-45' (0.19° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Sub Tank	Camber Left - right error	0°18' +/-45' (0.30° +/-0.75°) 45' (0.75°) or less
	Full Option	Camber Left - right error	0°11' +/-45' (0.18° +/-0.75°) 45' (0.75°) or less
VDJ200R-GMMNZ	Option Less	Camber Left - right error	0°07' +/-45' (0.11° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Camber Left - right error	0°10' +/-45' (0.17° +/-0.75°) 45' (0.75°) or less
	Sub Tank	Camber Left - right error	0°08' +/-45' (0.14° +/-0.75°) 45' (0.75°) or less
	Winch	Camber Left - right error	0°04' +/-45' (0.06° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Camber Left - right error	0°07' +/-45' (0.11° +/-0.75°) 45' (0.75°) or less
	Sub Tank + Winch	Camber Left - right error	0°05' +/-45' (0.09° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Sub Tank	Camber Left - right error	0°12' +/-45' (0.20° +/-0.75°) 45' (0.75°) or less
	Full Option	Camber Left - right error	0°08' +/-45' (0.13° +/-0.75°) 45' (0.75°) or less

Vehicle Model	Suspension Package Option	Caster Inclination	Caster Inclination
GRJ200L-GNANKV	Option Less	Camber Left - right error	0°18' +/-45' (0.30° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Camber Left - right error	0°22' +/-45' (0.36° +/-0.75°) 45' (0.75°) or less
	Winch	Camber Left - right error	0°20' +/-45' (0.33° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Camber Left - right error	0°23' +/-45' (0.38° +/-0.75°) 45' (0.75°) or less
	Full Option	Camber Left - right error	0°17' +/-45' (0.29° +/-0.75°) 45' (0.75°) or less
GRJ200L-GNMNKV	Option Less	Camber Left - right error	0°18' +/-45' (0.30° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Camber Left - right error	0°22' +/-45' (0.36° +/-0.75°) 45' (0.75°) or less
	Winch	Camber Left - right error	0°20' +/-45' (0.33° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Camber Left - right error	0°23' +/-45' (0.38° +/-0.75°) 45' (0.75°) or less
	Full Option	Camber Left - right error	0°17' +/-45' (0.29° +/-0.75°) 45' (0.75°) or less
GRJ200L-GPANKV	Option Less	Camber Left - right error	0°18' +/-45' (0.30° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Camber Left - right error	0°22' +/-45' (0.36° +/-0.75°) 45' (0.75°) or less
	Winch	Camber Left - right error	0°18' +/-45' (0.30° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Camber Left - right error	0°22' +/-45' (0.36° +/-0.75°) 45' (0.75°) or less
	Full Option	Camber Left - right error	0°17' +/-45' (0.29° +/-0.75°) 45' (0.75°) or less
GRJ200L-GPMNKV	Option Less	Camber Left - right error	0°18' +/-45' (0.30° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Camber Left - right error	0°22' +/-45' (0.36° +/-0.75°) 45' (0.75°) or less
	Winch	Camber Left - right error	0°18' +/-45' (0.30° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Camber Left - right error	0°22' +/-45' (0.36° +/-0.75°) 45' (0.75°) or less
	Full Option	Camber Left - right error	0°17' +/-45' (0.29° +/-0.75°) 45' (0.75°) or less
UZJ200L-GNANKV	Option Less	Camber Left - right error	0°19' +/-45' (0.32° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Camber Left - right error	0°22' +/-45' (0.37° +/-0.75°) 45' (0.75°) or less
	Winch	Camber Left - right error	0°20' +/-45' (0.34° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Camber Left - right error	0°23' +/-45' (0.39° +/-0.75°) 45' (0.75°) or less
	Full Option	Camber Left - right error	0°22' +/-45' (0.36° +/-0.75°) 45' (0.75°) or less
UZJ200L-GNAEKV	w/ KDSS Option Less	Camber Left - right error	0°16' +/-45' (0.27° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Spare Tire x 2 + Winch	Camber Left - right error	0°19' +/-45' (0.32° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Full Option	Camber Left - right error	0°13' +/-45' (0.22° +/-0.75°) 45' (0.75°) or less

Vehicle Model	Suspension Package Option	Caster Inclination	Caster Inclination
VDJ200L-GNMNZV	Option Less	Camber Left - right error	0°15' +/-45' (0.25° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Camber Left - right error	0°18' +/-45' (0.30° +/-0.75°) 45' (0.75°) or less
	Winch	Camber Left - right error	0°12' +/-45' (0.20° +/-0.75°) 45' (0.75°) or less
	Full Option	Camber Left - right error	0°11' +/-45' (0.19° +/-0.75°) 45' (0.75°) or less
VDJ200L-GPMNZV	Option Less	Camber Left - right error	0°15' +/-45' (0.25° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Camber Left - right error	0°18' +/-45' (0.30° +/-0.75°) 45' (0.75°) or less
	Full Option	Camber Left - right error	0°15' +/-45' (0.25° +/-0.75°) 45' (0.75°) or less
VDJ200L-GNTNZV	Option Less	Camber Left - right error	0°22' +/-45' (0.36° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Camber Left - right error	0°25' +/-45' (0.41° +/-0.75°) 45' (0.75°) or less
	Full Option	Camber Left - right error	0°10' +/-45' (0.16° +/-0.75°) 45' (0.75°) or less
UZJ200R-GNAEKQ	w/ KDSS Option Less	Camber Left - right error	0°20' +/-45' (0.33° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Full Option	Camber Left - right error	0°17' +/-45' (0.28° +/-0.75°) 45' (0.75°) or less
UZJ200R-GNANKQ	Option Less	Camber Left - right error	0°25' +/-45' (0.41° +/-0.75°) 45' (0.75°) or less
	Full Option	Camber Left - right error	0°23' +/-45' (0.38° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Option Less	Camber Left - right error	0°19' +/-45' (0.31° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Full Option	Camber Left - right error	0°19' +/-45' (0.31° +/-0.75°) 45' (0.75°) or less
VDJ200R-GNTEZQ	Option Less	Camber Left - right error	0°21' +/-45' (0.35° +/-0.75°) 45' (0.75°) or less
	Full Option	Camber Left - right error	0°23' +/-45' (0.38° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Option Less	Camber Left - right error	0°11' +/-45' (0.19° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Full Option	Camber Left - right error	0°14' +/-45' (0.23° +/-0.75°) 45' (0.75°) or less
VDJ200R-GNTNZQ	Option Less	Camber Left - right error	0°24' +/-45' (0.40° +/-0.75°) 45' (0.75°) or less
	Full Option	Camber Left - right error	0°22' +/-45' (0.36° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Option Less	Camber Left - right error	0°16' +/-45' (0.26° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Full Option	Camber Left - right error	0°14' +/-45' (0.23° +/-0.75°) 45' (0.75°) or less
UZJ200R-GNAEKQ	w/ KDSS Bull Bar	Camber Left - right error	0°07' +/-45' (0.12° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Bull Bar Full Option	Camber Left - right error	0°04' +/-45' (0.06° +/-0.75°) 45' (0.75°) or less
UZJ200R-GNANKQ	Bull Bar	Camber Left - right error	0°13' +/-45' (0.21° +/-0.75°) 45' (0.75°) or less
	Bull Bar Full Option	Camber Left - right error	0°11' +/-45' (0.18° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Bull Bar	Camber Left - right error	0°06' +/-45' (0.10° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Bull Bar Full Option	Camber Left - right error	0°05' +/-45' (0.09° +/-0.75°) 45' (0.75°) or less

Vehicle Model	Suspension Package Option	Caster Inclination	Caster Inclination
VDJ200R-GNTEZQ	Bull Bar	Camber Left - right error	0°09' +/-45' (0.15° +/-0.75°) 45' (0.75°) or less
	Bull Bar Full Option	Camber Left - right error	0°11' +/-45' (0.18° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Bull Bar	Camber Left - right error	-0°01' +/-45' (-0.02° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Bull Bar Full Option	Camber Left - right error	0°02' +/-45' (0.03° +/-0.75°) 45' (0.75°) or less
VDJ200R-GNTNZQ	Bull Bar	Camber Left - right error	0°12' +/-45' (0.20° +/-0.75°) 45' (0.75°) or less
	Bull Bar Full Option	Camber Left - right error	0°10' +/-45' (0.17° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Bull Bar	Camber Left - right error	0°04' +/-45' (0.06° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Bull Bar Full Option	Camber Left - right error	0°02' +/-45' (0.03° +/-0.75°) 45' (0.75°) or less
UZJ200L-GMAEKW	w/ KDSS Option Less	Camber Left - right error	0°14' +/-45' (0.24° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Full Option	Camber Left - right error	0°09' +/-45' (0.15° +/-0.75°) 45' (0.75°) or less
	Active Height Control STD	Camber Left - right error	0°00' +/-45' (0.00° +/-0.75°) 45' (0.75°) or less
	Active Height Control Low	Camber Left - right error	-1°43' +/-45' (-1.71° +/-0.75°) 45' (0.75°) or less
	Active Height Control High	Camber Left - right error	1°01' +/-45' (1.01° +/-0.75°) 45' (0.75°) or less
UZJ200L/R-GNAEKW	w/ KDSS Option Less	Camber Left - right error	0°14' +/-45' (0.24° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Full Option	Camber Left - right error	0°09' +/-45' (0.15° +/-0.75°) 45' (0.75°) or less
	Active Height Control STD	Camber Left - right error	0°00' +/-45' (0.00° +/-0.75°) 45' (0.75°) or less
	Active Height Control Low	Camber Left - right error	-1°43' +/-45' (-1.71° +/-0.75°) 45' (0.75°) or less
	Active Height Control High	Camber Left - right error	1°01' +/-45' (1.01° +/-0.75°) 45' (0.75°) or less
VDJ200L-GMTEZW	w/ KDSS Option Less	Camber Left - right error	0°10' +/-45' (0.17° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Full Option	Camber Left - right error	0°10' +/-45' (0.17° +/-0.75°) 45' (0.75°) or less
	Active Height Control STD	Camber Left - right error	0°00' +/-45' (0.00° +/-0.75°) 45' (0.75°) or less
	Active Height Control Low	Camber Left - right error	-1°43' +/-45' (-1.71° +/-0.75°) 45' (0.75°) or less
	Active Height Control High	Camber Left - right error	1°01' +/-45' (1.01° +/-0.75°) 45' (0.75°) or less
VDJ200L/R-GNTEZW	w/ KDSS Option Less	Camber Left - right error	0°10' +/-45' (0.17° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Full Option	Camber Left - right error	0°10' +/-45' (0.17° +/-0.75°) 45' (0.75°) or less
	Active Height Control STD	Camber Left - right error	0°00' +/-45' (0.00° +/-0.75°) 45' (0.75°) or less
	Active Height Control Low	Camber Left - right error	-1°43' +/-45' (-1.71° +/-0.75°) 45' (0.75°) or less
	Active Height Control High	Camber Left - right error	1°01' +/-45' (1.01° +/-0.75°) 45' (0.75°) or less

(3) Standard caster inclination (unloaded vehicle):

Vehicle Model	Suspension Package Option	Caster Inclination	
GRJ200L/R-GMMNK	Option Less	Caster Left - right error	2°25' +/-45' (2.41° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Caster Left - right error	2°21' +/-45' (2.35° +/-0.75°) 45' (0.75°) or less
	Sub Tank	Caster Left - right error	2°20' +/-45' (2.33° +/-0.75°) 45' (0.75°) or less
	Winch	Caster Left - right error	2°20' +/-45' (2.33° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Caster Left - right error	2°17' +/-45' (2.28° +/-0.75°) 45' (0.75°) or less
	Sub Tank + Winch	Caster Left - right error	2°15' +/-45' (2.25° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Sub Tank	Caster Left - right error	2°35' +/-45' (2.59° +/-0.75°) 45' (0.75°) or less
	Winch + Spare Tire x 2 + Sub Tank	Caster Left - right error	2°31' +/-45' (2.51° +/-0.75°) 45' (0.75°) or less
	Full Option	Caster Left - right error	2°28' +/-45' (2.46° +/-0.75°) 45' (0.75°) or less
GRJ200L/R-GNMNK	Option Less	Caster Left - right error	2°22' +/-45' (2.37° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Caster Left - right error	2°28' +/-45' (2.47° +/-0.75°) 45' (0.75°) or less
	Sub Tank	Caster Left - right error	2°27' +/-45' (2.45° +/-0.75°) 45' (0.75°) or less
	Winch	Caster Left - right error	2°17' +/-45' (2.29° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Caster Left - right error	2°24' +/-45' (2.40° +/-0.75°) 45' (0.75°) or less
	Sub Tank + Winch	Caster Left - right error	2°22' +/-45' (2.37° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Sub Tank	Caster Left - right error	2°33' +/-45' (2.55° +/-0.75°) 45' (0.75°) or less
	Full Option	Caster Left - right error	2°32' +/-45' (2.53° +/-0.75°) 45' (0.75°) or less
GRJ200L-GPMNK	Option Less	Caster Left - right error	2°20' +/-45' (2.34° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Caster Left - right error	2°26' +/-45' (2.44° +/-0.75°) 45' (0.75°) or less
	Sub Tank	Caster Left - right error	2°26' +/-45' (2.43° +/-0.75°) 45' (0.75°) or less
	Winch	Caster Left - right error	2°16' +/-45' (2.26° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Caster Left - right error	2°22' +/-45' (2.37° +/-0.75°) 45' (0.75°) or less
	Sub Tank + Winch	Caster Left - right error	2°21' +/-45' (2.35° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Sub Tank	Caster Left - right error	2°31' +/-45' (2.52° +/-0.75°) 45' (0.75°) or less
	Full Option	Caster Left - right error	2°31' +/-45' (2.52° +/-0.75°) 45' (0.75°) or less

Vehicle Model	Suspension Package Option	Caster Inclination	
UZJ200L-GNAEK	Option Less	Caster Left - right error	2°38' +/-45' (2.64° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Caster Left - right error	2°35' +/-45' (2.58° +/-0.75°) 45' (0.75°) or less
	Full Option	Caster Left - right error	2°41' +/-45' (2.68° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Option Less	Caster Left - right error	2°40' +/-45' (2.67° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Spare Tire x 2	Caster Left - right error	2°31' +/-45' (2.52° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Full Option	Caster Left - right error	2°38' +/-45' (2.63° +/-0.75°) 45' (0.75°) or less
VDJ200L-GMMNZ	Option Less	Caster Left - right error	2°23' +/-45' (2.39° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Caster Left - right error	2°29' +/-45' (2.49° +/-0.75°) 45' (0.75°) or less
	Sub Tank	Caster Left - right error	2°28' +/-45' (2.47° +/-0.75°) 45' (0.75°) or less
	Winch	Caster Left - right error	2°20' +/-45' (2.33° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Caster Left - right error	2°26' +/-45' (2.43° +/-0.75°) 45' (0.75°) or less
	Sub Tank + Winch	Caster Left - right error	2°24' +/-45' (2.40° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Sub Tank	Caster Left - right error	2°34' +/-45' (2.57° +/-0.75°) 45' (0.75°) or less
	Full Option	Caster Left - right error	2°25' +/-45' (2.41° +/-0.75°) 45' (0.75°) or less
VDJ200L/R-GNMNZ	Option Less	Caster Left - right error	2°26' +/-45' (2.43° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Caster Left - right error	2°31' +/-45' (2.52° +/-0.75°) 45' (0.75°) or less
	Sub Tank	Caster Left - right error	2°30' +/-45' (2.50° +/-0.75°) 45' (0.75°) or less
	Winch	Caster Left - right error	2°22' +/-45' (2.36° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Caster Left - right error	2°28' +/-45' (2.46° +/-0.75°) 45' (0.75°) or less
	Sub Tank + Winch	Caster Left - right error	2°26' +/-45' (2.44° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Sub Tank	Caster Left - right error	2°31' +/-45' (2.52° +/-0.75°) 45' (0.75°) or less
	Full Option	Caster Left - right error	2°23' +/-45' (2.38° +/-0.75°) 45' (0.75°) or less

Vehicle Model	Suspension Package Option	Caster Inclination	
VDJ200L/R-GNTEZ	Option Less	Caster Left - right error	2°31' +/-45' (2.51° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Caster Left - right error	2°36' +/-45' (2.60° +/-0.75°) 45' (0.75°) or less
	Sub Tank	Caster Left - right error	2°35' +/-45' (2.58° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Sub Tank	Caster Left - right error	2°40' +/-45' (2.67° +/-0.75°) 45' (0.75°) or less
	Full Option	Caster Left - right error	2°37' +/-45' (2.61° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Option Less	Caster Left - right error	2°17' +/-45' (2.29° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Spare Tire x 2	Caster Left - right error	2°34' +/-45' (2.56° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Sub Tank	Caster Left - right error	2°32' +/-45' (2.54° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Spare Tire x 2 + Sub Tank	Caster Left - right error	2°43' +/-45' (2.72° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Full Option	Caster Left - right error	2°38' +/-45' (2.64° +/-0.75°) 45' (0.75°) or less
VDJ200L/R-GNTNZ	Option Less	Caster Left - right error	2°31' +/-45' (2.51° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Caster Left - right error	2°36' +/-45' (2.60° +/-0.75°) 45' (0.75°) or less
	Sub Tank	Caster Left - right error	2°35' +/-45' (2.58° +/-0.75°) 45' (0.75°) or less
	Winch	Caster Left - right error	2°26' +/-45' (2.43° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Caster Left - right error	2°32' +/-45' (2.53° +/-0.75°) 45' (0.75°) or less
	Sub Tank + Winch	Caster Left - right error	2°30' +/-45' (2.50° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Sub Tank	Caster Left - right error	2°37' +/-45' (2.61° +/-0.75°) 45' (0.75°) or less
	Full Option	Caster Left - right error	2°29' +/-45' (2.48° +/-0.75°) 45' (0.75°) or less
VDJ200L/R-GPMNZ	Option Less	Caster Left - right error	2°25' +/-45' (2.42° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Caster Left - right error	2°22' +/-45' (2.36° +/-0.75°) 45' (0.75°) or less
	Sub Tank	Caster Left - right error	2°20' +/-45' (2.34° +/-0.75°) 45' (0.75°) or less
	Winch	Caster Left - right error	2°21' +/-45' (2.35° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Caster Left - right error	2°17' +/-45' (2.29° +/-0.75°) 45' (0.75°) or less
	Sub Tank + Winch	Caster Left - right error	2°16' +/-45' (2.27° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Sub Tank	Caster Left - right error	2°26' +/-45' (2.44° +/-0.75°) 45' (0.75°) or less
	Full Option	Caster Left - right error	2°21' +/-45' (2.35° +/-0.75°) 45' (0.75°) or less

Vehicle Model	Suspension Package Option	Caster Inclination	
VDJ200R-GMMNZ	Option Less	Caster Left - right error	2°14' +/-45' (2.24° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Caster Left - right error	2°21' +/-45' (2.35° +/-0.75°) 45' (0.75°) or less
	Sub Tank	Caster Left - right error	2°20' +/-45' (2.33° +/-0.75°) 45' (0.75°) or less
	Winch	Caster Left - right error	2°10' +/-45' (2.17° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Caster Left - right error	2°17' +/-45' (2.28° +/-0.75°) 45' (0.75°) or less
	Sub Tank + Winch	Caster Left - right error	2°15' +/-45' (2.25° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Sub Tank	Caster Left - right error	2°31' +/-45' (2.51° +/-0.75°) 45' (0.75°) or less
	Full Option	Caster Left - right error	2°30' +/-45' (2.50° +/-0.75°) 45' (0.75°) or less
GRJ200L-GNANKV	Option Less	Caster Left - right error	3°05' +/-45' (3.08° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Caster Left - right error	3°08' +/-45' (3.14° +/-0.75°) 45' (0.75°) or less
	Winch	Caster Left - right error	2°56' +/-45' (2.94° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Caster Left - right error	3°01' +/-45' (3.01° +/-0.75°) 45' (0.75°) or less
	Full Option	Caster Left - right error	3°10' +/-45' (3.17° +/-0.75°) 45' (0.75°) or less
GRJ200L-GNMNKV	Option Less	Caster Left - right error	3°05' +/-45' (3.08° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Caster Left - right error	3°08' +/-45' (3.14° +/-0.75°) 45' (0.75°) or less
	Winch	Caster Left - right error	2°56' +/-45' (2.94° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Caster Left - right error	3°01' +/-45' (3.01° +/-0.75°) 45' (0.75°) or less
	Full Option	Caster Left - right error	3°11' +/-45' (3.19° +/-0.75°) 45' (0.75°) or less
GRJ200L-GPANKV	Option Less	Caster Left - right error	2°59' +/-45' (2.99° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Caster Left - right error	3°03' +/-45' (3.05° +/-0.75°) 45' (0.75°) or less
	Winch	Caster Left - right error	2°55' +/-45' (2.91° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Caster Left - right error	2°59' +/-45' (2.98° +/-0.75°) 45' (0.75°) or less
	Full Option	Caster Left - right error	3°05' +/-45' (3.09° +/-0.75°) 45' (0.75°) or less
GRJ200L-GPMNKV	Option Less	Caster Left - right error	2°59' +/-45' (2.99° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Caster Left - right error	3°03' +/-45' (3.05° +/-0.75°) 45' (0.75°) or less
	Winch	Caster Left - right error	2°55' +/-45' (2.91° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Caster Left - right error	2°59' +/-45' (2.98° +/-0.75°) 45' (0.75°) or less
	Full Option	Caster Left - right error	3°05' +/-45' (3.09° +/-0.75°) 45' (0.75°) or less

Vehicle Model	Suspension Package Option	Caster Inclination	
UZJ200L-GNANKV	Option Less	Caster Left - right error	3°01' +/-45' (3.02° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Caster Left - right error	3°05' +/-45' (3.08° +/-0.75°) 45' (0.75°) or less
	Winch	Caster Left - right error	2°56' +/-45' (2.94° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2 + Winch	Caster Left - right error	3°00' +/-45' (3.00° +/-0.75°) 45' (0.75°) or less
	Full Option	Caster Left - right error	3°08' +/-45' (3.13° +/-0.75°) 45' (0.75°) or less
UZJ200L-GNAEKV	w/ KDSS Option Less	Caster Left - right error	3°05' +/-45' (3.08° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Spare Tire x 2	Caster Left - right error	3°08' +/-45' (3.14° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Full Option	Caster Left - right error	3°16' +/-45' (3.26° +/-0.75°) 45' (0.75°) or less
VDJ200L-GNMNZV	Option Less	Caster Left - right error	3°02' +/-45' (3.03° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Caster Left - right error	3°05' +/-45' (3.09° +/-0.75°) 45' (0.75°) or less
	Winch	Caster Left - right error	2°58' +/-45' (2.96° +/-0.75°) 45' (0.75°) or less
	Full Option	Caster Left - right error	3°00' +/-45' (3.00° +/-0.75°) 45' (0.75°) or less
VDJ200L-GPMNZV	Option Less	Caster Left - right error	2°56' +/-45' (2.94° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Caster Left - right error	3°01' +/-45' (3.01° +/-0.75°) 45' (0.75°) or less
	Full Option	Caster Left - right error	2°59' +/-45' (2.99° +/-0.75°) 45' (0.75°) or less
VDJ200L-GNTNZV	Option Less	Caster Left - right error	2°59' +/-45' (2.99° +/-0.75°) 45' (0.75°) or less
	Spare Tire x 2	Caster Left - right error	3°03' +/-45' (3.05° +/-0.75°) 45' (0.75°) or less
	Full Option	Caster Left - right error	3°00' +/-45' (3.00° +/-0.75°) 45' (0.75°) or less
UZJ200R-GNAEKQ	w/ KDSS Option Less	Caster Left - right error	2°34' +/-45' (2.56° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Full Option	Caster Left - right error	2°41' +/-45' (2.69° +/-0.75°) 45' (0.75°) or less
UZJ200R-GNANKQ	Option Less	Caster Left - right error	2°23' +/-45' (2.39° +/-0.75°) 45' (0.75°) or less
	Full Option	Caster Left - right error	2°27' +/-45' (2.45° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Option Less	Caster Left - right error	2°23' +/-45' (2.38° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Full Option	Caster Left - right error	2°26' +/-45' (2.43° +/-0.75°) 45' (0.75°) or less
VDJ200R-GNTEZQ	Option Less	Caster Left - right error	2°19' +/-45' (2.31° +/-0.75°) 45' (0.75°) or less
	Full Option	Caster Left - right error	2°30' +/-45' (2.50° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Option Less	Caster Left - right error	2°23' +/-45' (2.38° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Full Option	Caster Left - right error	2°34' +/-45' (2.57° +/-0.75°) 45' (0.75°) or less

Vehicle Model	Suspension Package Option	Caster Inclination	
VDJ200R-GNTNZQ	Option Less	Caster Left - right error	2°19' +/-45' (2.32° +/-0.75°) 45' (0.75°) or less
	Full Option	Caster Left - right error	2°21' +/-45' (2.35° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Option Less	Caster Left - right error	2°29' +/-45' (2.48° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Full Option	Caster Left - right error	2°31' +/-45' (2.51° +/-0.75°) 45' (0.75°) or less
UZJ200R-GNAEKQ	w/ KDSS Bull Bar	Caster Left - right error	2°32' +/-45' (2.54° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Bull Bar Full Option	Caster Left - right error	2°40' +/-45' (2.67° +/-0.75°) 45' (0.75°) or less
UZJ200R-GNANKQ	Bull Bar	Caster Left - right error	2°22' +/-45' (2.37° +/-0.75°) 45' (0.75°) or less
	Bull Bar Full Option	Caster Left - right error	2°26' +/-45' (2.43° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Bull Bar	Caster Left - right error	2°21' +/-45' (2.35° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Bull Bar Full Option	Caster Left - right error	2°25' +/-45' (2.41° +/-0.75°) 45' (0.75°) or less
VDJ200R-GNTEZQ	Bull Bar	Caster Left - right error	2°17' +/-45' (2.28° +/-0.75°) 45' (0.75°) or less
	Bull Bar Full Option	Caster Left - right error	2°28' +/-45' (2.47° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Bull Bar	Caster Left - right error	2°21' +/-45' (2.35° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Bull Bar Full Option	Caster Left - right error	2°32' +/-45' (2.54° +/-0.75°) 45' (0.75°) or less
VDJ200R-GNTNZQ	Bull Bar	Caster Left - right error	2°17' +/-45' (2.29° +/-0.75°) 45' (0.75°) or less
	Bull Bar Full Option	Caster Left - right error	2°19' +/-45' (2.32° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Bull Bar	Caster Left - right error	2°27' +/-45' (2.45° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Bull Bar Full Option	Caster Left - right error	2°29' +/-45' (2.48° +/-0.75°) 45' (0.75°) or less
UZJ200L-GMAEKW	w/ KDSS Option Less	Caster Left - right error	2°23' +/-45' (2.38° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Full Option	Caster Left - right error	2°33' +/-45' (2.55° +/-0.75°) 45' (0.75°) or less
	Active Height Control STD	Caster Left - right error	3°22' +/-45' (3.36° +/-0.75°) 45' (0.75°) or less
	Active Height Control Low	Caster Left - right error	4°28' +/-45' (4.46° +/-0.75°) 45' (0.75°) or less
	Active Height Control High	Caster Left - right error	1°46' +/-45' (1.77° +/-0.75°) 45' (0.75°) or less

Vehicle Model	Suspension Package Option	Caster Inclination	
UZJ200L/R-GNAEKW	w/ KDSS Option Less	Caster Left - right error	2°20' +/-45' (2.33° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Full Option	Caster Left - right error	2°30' +/-45' (2.50° +/-0.75°) 45' (0.75°) or less
	Active Height Control STD	Caster Left - right error	3°23' +/-45' (3.38° +/-0.75°) 45' (0.75°) or less
	Active Height Control Low	Caster Left - right error	4°28' +/-45' (4.47° +/-0.75°) 45' (0.75°) or less
	Active Height Control High	Caster Left - right error	1°47' +/-45' (1.79° +/-0.75°) 45' (0.75°) or less
VDJ200L-GMTEZW	w/ KDSS Option Less	Caster Left - right error	2°17' +/-45' (2.29° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Full Option	Caster Left - right error	2°17' +/-45' (2.29° +/-0.75°) 45' (0.75°) or less
	Active Height Control STD	Caster Left - right error	3°19' +/-45' (3.31° +/-0.75°) 45' (0.75°) or less
	Active Height Control Low	Caster Left - right error	4°25' +/-45' (4.41° +/-0.75°) 45' (0.75°) or less
	Active Height Control High	Caster Left - right error	1°44' +/-45' (1.73° +/-0.75°) 45' (0.75°) or less
VDJ200L/R-GNTEZW	w/ KDSS Option Less	Caster Left - right error	2°23' +/-45' (2.38° +/-0.75°) 45' (0.75°) or less
	w/ KDSS Full Option	Caster Left - right error	2°23' +/-45' (2.38° +/-0.75°) 45' (0.75°) or less
	Active Height Control STD	Caster Left - right error	3°19' +/-45' (3.32° +/-0.75°) 45' (0.75°) or less
	Active Height Control Low	Caster Left - right error	4°25' +/-45' (4.42° +/-0.75°) 45' (0.75°) or less
	Active Height Control High	Caster Left - right error	1°44' +/-45' (1.74° +/-0.75°) 45' (0.75°) or less

(4) Standard steering axis inclination (unloaded vehicle):

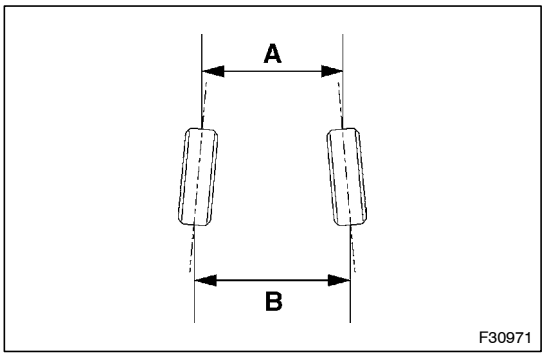
HINT:
The steering axis inclination is a reference value.

Vehicle Model	Suspension Package Option	Steering Axis Inclination (Reference)	
GRJ200L/R-GMMNK	Option Less	Steering Axis	12°50' (12.84°)
	Spare Tire x 2	Steering Axis	12°46' (12.77°)
	Sub Tank	Steering Axis	12°48' (12.80°)
	Winch	Steering Axis	12°52' (12.86°)
	Spare Tire x 2 + Winch	Steering Axis	12°48' (12.80°)
	Sub Tank + Winch	Steering Axis	12°50' (12.83°)
	Spare Tire x 2 + Sub Tank	Steering Axis	12°44' (12.74°)
	Winch + Spare Tire x 2 + Sub Tank	Steering Axis	12°46' (12.77°)
	Full Option	Steering Axis	12°49' (12.81°)
GRJ200L/R-GNMNK	Option Less	Steering Axis	12°50' (12.84°)
	Spare Tire x 2	Steering Axis	12°46' (12.77°)
	Sub Tank	Steering Axis	12°48' (12.80°)
	Winch	Steering Axis	12°52' (12.86°)
	Spare Tire x 2 + Winch	Steering Axis	12°48' (12.80°)
	Sub Tank + Winch	Steering Axis	12°50' (12.83°)
	Spare Tire x 2 + Sub Tank	Steering Axis	12°44' (12.74°)
	Full Option	Steering Axis	12°50' (12.84°)
GRJ200L-GPMNK	Option Less	Steering Axis	12°47' (12.79°)
	Spare Tire x 2	Steering Axis	12°44' (12.73°)
	Sub Tank	Steering Axis	12°46' (12.76°)
	Winch	Steering Axis	12°49' (12.82°)
	Spare Tire x 2 + Winch	Steering Axis	12°46' (12.76°)
	Sub Tank + Winch	Steering Axis	12°47' (12.79°)
	Spare Tire x 2 + Sub Tank	Steering Axis	12°42' (12.70°)
	Full Option	Steering Axis	12°49' (12.81°)
UZJ200L-GNAEK	Option Less	Steering Axis	12°53' (12.88°)
	Spare Tire x 2	Steering Axis	12°49' (12.81°)
	Full Option	Steering Axis	12°53' (12.89°)
	w/ KDSS Option Less	Steering Axis	12°48' (12.80°)
	w/ KDSS Spare Tire x 2	Steering Axis	12°44' (12.74°)
	w/ KDSS Full Option	Steering Axis	12°49' (12.81°)
VDJ200L-GMMNZ	Option Less	Steering Axis	12°47' (12.79°)
	Spare Tire x 2	Steering Axis	12°44' (12.74°)
	Sub Tank	Steering Axis	12°46' (12.77°)
	Winch	Steering Axis	12°51' (12.85°)
	Spare Tire x 2 + Winch	Steering Axis	12°48' (12.80°)
	Sub Tank + Winch	Steering Axis	12°50' (12.83°)
	Spare Tire x 2 + Sub Tank	Steering Axis	12°43' (12.71°)
	Full Option	Steering Axis	12°51' (12.85°)
VDJ200L/R-GNMNZ	Option Less	Steering Axis	12°46' (12.77°)
	Spare Tire x 2	Steering Axis	12°43' (12.71°)
	Sub Tank	Steering Axis	12°44' (12.74°)
	Winch	Steering Axis	12°50' (12.83°)
	Spare Tire x 2 + Winch	Steering Axis	12°47' (12.78°)
	Sub Tank + Winch	Steering Axis	12°48' (12.80°)
	Spare Tire x 2 + Sub Tank	Steering Axis	12°41' (12.68°)
	Full Option	Steering Axis	12°50' (12.84°)

Vehicle Model	Suspension Package Option	Steering Axis Inclination (Reference)	
VDJ200L/R-GNTEZ	Option Less	Steering Axis	12°53' (12.89°)
	Spare Tire x 2	Steering Axis	12°50' (12.83°)
	Sub Tank	Steering Axis	12°52' (12.86°)
	Spare Tire x 2 + Sub Tank	Steering Axis	12°48' (12.80°)
	Full Option	Steering Axis	12°55' (12.91°)
	w/ KDSS Option Less	Steering Axis	12°53' (12.88°)
	w/ KDSS Spare Tire x 2	Steering Axis	12°49' (12.82°)
	w/ KDSS Sub Tank	Steering Axis	12°51' (12.85°)
	w/ KDSS Spare Tire x 2 + Sub Tank	Steering Axis	12°47' (12.79°)
	w/ KDSS Full Option	Steering Axis	12°53' (12.88°)
VDJ200L/R-GNTNZ	Option Less	Steering Axis	12°53' (12.89°)
	Spare Tire x 2	Steering Axis	12°50' (12.83°)
	Sub Tank	Steering Axis	12°52' (12.86°)
	Winch	Steering Axis	12°55' (12.91°)
	Spare Tire x 2 + Winch	Steering Axis	12°51' (12.85°)
	Sub Tank + Winch	Steering Axis	12°53' (12.88°)
	Spare Tire x 2 + Sub Tank	Steering Axis	12°48' (12.80°)
	Full Option	Steering Axis	12°53' (12.89°)
VDJ200L/R-GPMNZ	Option Less	Steering Axis	12°46' (12.77°)
	Spare Tire x 2	Steering Axis	12°43' (12.71°)
	Sub Tank	Steering Axis	12°44' (12.74°)
	Winch	Steering Axis	12°50' (12.83°)
	Spare Tire x 2 + Winch	Steering Axis	12°47' (12.78°)
	Sub Tank + Winch	Steering Axis	12°48' (12.80°)
	Spare Tire x 2 + Sub Tank	Steering Axis	12°41' (12.68°)
	Full Option	Steering Axis	12°49' (12.81°)
VDJ200R-GMMNZ	Option Less	Steering Axis	12°53' (12.88°)
	Spare Tire x 2	Steering Axis	12°49' (12.82°)
	Sub Tank	Steering Axis	12°51' (12.85°)
	Winch	Steering Axis	12°56' (12.93°)
	Spare Tire x 2 + Winch	Steering Axis	12°53' (12.88°)
	Sub Tank + Winch	Steering Axis	12°55' (12.91°)
	Spare Tire x 2 + Sub Tank	Steering Axis	12°47' (12.79°)
	Full Option	Steering Axis	12°52' (12.86°)
GRJ200L-GNANKV	Option Less	Steering Axis	12°41' (12.68°)
	Spare Tire x 2	Steering Axis	12°37' (12.62°)
	Winch	Steering Axis	12°40' (12.66°)
	Spare Tire x 2 + Winch	Steering Axis	12°36' (12.60°)
	Full Option	Steering Axis	12°42' (12.70°)
GRJ200L-GNMNKV	Option Less	Steering Axis	12°41' (12.68°)
	Spare Tire x 2	Steering Axis	12°37' (12.62°)
	Winch	Steering Axis	12°40' (12.66°)
	Spare Tire x 2 + Winch	Steering Axis	12°36' (12.60°)
	Full Option	Steering Axis	12°42' (12.70°)
GRJ200L-GPANKV	Option Less	Steering Axis	12°41' (12.68°)
	Spare Tire x 2	Steering Axis	12°37' (12.62°)
	Winch	Steering Axis	12°41' (12.68°)
	Spare Tire x 2 + Winch	Steering Axis	12°38' (12.63°)
	Full Option	Steering Axis	12°42' (12.70°)

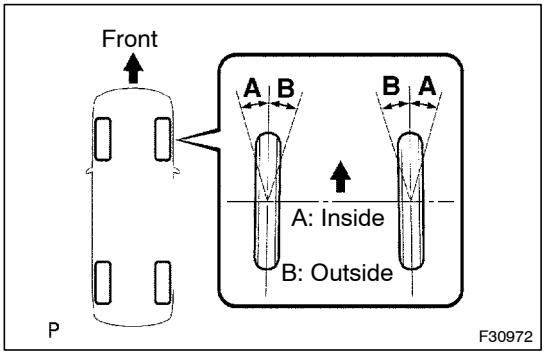
Vehicle Model	Suspension Package Option	Steering Axis Inclination (Reference)	
GRJ200L-GPMNKV	Option Less	Steering Axis	12°41' (12.68°)
	Spare Tire x 2	Steering Axis	12°37' (12.62°)
	Winch	Steering Axis	12°41' (12.68°)
	Spare Tire x 2 + Winch	Steering Axis	12°38' (12.63°)
	Full Option	Steering Axis	12°42' (12.70°)
UZJ200L-GNANKV	Option Less	Steering Axis	12°40' (12.67°)
	Spare Tire x 2	Steering Axis	12°37' (12.61°)
	Winch	Steering Axis	12°38' (12.64°)
	Spare Tire x 2 + Winch	Steering Axis	12°35' (12.59°)
	Full Option	Steering Axis	12°38' (12.63°)
UZJ200L-GNAEKV	w/ KDSS Option Less	Steering Axis	12°43' (12.72°)
	w/ KDSS Spare Tire x 2	Steering Axis	12°40' (12.66°)
	w/ KDSS Full Option	Steering Axis	12°46' (12.77°)
VDJ200L-GNMNZV	Option Less	Steering Axis	12°44' (12.74°)
	Spare Tire x 2	Steering Axis	12°41' (12.68°)
	Winch	Steering Axis	12°47' (12.79°)
	Full Option	Steering Axis	12°48' (12.80°)
VDJ200L-GPMNZV	Option Less	Steering Axis	12°44' (12.74°)
	Spare Tire x 2	Steering Axis	12°41' (12.68°)
	Full Option	Steering Axis	12°44' (12.74°)
VDJ200L-GNTNZV	Option Less	Steering Axis	12°37' (12.62°)
	Spare Tire x 2	Steering Axis	12°34' (12.57°)
	Full Option	Steering Axis	12°50' (12.83°)
UZJ200R-GNAEKQ	w/ KDSS Option Less	Steering Axis	12°39' (12.65°)
	w/ KDSS Full Option	Steering Axis	12°42' (12.70°)
UZJ200R-GNANKQ	Option Less	Steering Axis	12°34' (12.57°)
	Full Option	Steering Axis	12°36' (12.60°)
	w/ KDSS Option Less	Steering Axis	12°40' (12.67°)
	w/ KDSS Full Option	Steering Axis	12°41' (12.68°)
VDJ200R-GNTEZQ	Option Less	Steering Axis	12°38' (12.64°)
	Full Option	Steering Axis	12°37' (12.61°)
	w/ KDSS Option Less	Steering Axis	12°48' (12.80°)
	w/ KDSS Full Option	Steering Axis	12°46' (12.76°)
VDJ200R-GNTNZQ	Option Less	Steering Axis	12°35' (12.59°)
	Full Option	Steering Axis	12°37' (12.62°)
	w/ KDSS Option Less	Steering Axis	12°44' (12.73°)
	w/ KDSS Full Option	Steering Axis	12°46' (12.76°)
UZJ200R-GNAEKQ	w/ KDSS Bull Bar	Steering Axis	12°53' (12.88°)
	w/ KDSS Bull Bar Full Option	Steering Axis	12°56' (12.93°)
UZJ200R-GNANKQ	Bull Bar	Steering Axis	12°47' (12.78°)
	Bull Bar Full Option	Steering Axis	12°49' (12.81°)
	w/ KDSS Bull Bar	Steering Axis	12°54' (12.90°)
	w/ KDSS Bull Bar Full Option	Steering Axis	12°54' (12.90°)

Vehicle Model	Suspension Package Option	Steering Axis Inclination (Reference)	
VDJ200R-GNTEZQ	Bull Bar	Steering Axis	12°50’ (12.84°)
	Bull Bar Full Option	Steering Axis	12°49’ (12.81°)
	w/ KDSS Bull Bar	Steering Axis	13°01’ (13.02°)
	w/ KDSS Bull Bar Full Option	Steering Axis	12°58’ (12.97°)
VDJ200R-GNTNZQ	Bull Bar	Steering Axis	12°47’ (12.79°)
	Bull Bar Full Option	Steering Axis	12°49’ (12.82°)
	w/ KDSS Bull Bar	Steering Axis	12°56’ (12.93°)
	w/ KDSS Bull Bar Full Option	Steering Axis	12°58’ (12.97°)
UZJ200L-GMAEKW	w/ KDSS Option Less	Steering Axis	12°45’ (12.75°)
	w/ KDSS Full Option	Steering Axis	12°50’ (12.84°)
	Active Height Control STD	Steering Axis	13°00’ (13.00°)
	Active Height Control Low	Steering Axis	14°50’ (14.83°)
	Active Height Control High	Steering Axis	11°58’ (11.96°)
UZJ200L/R-GNAEKW	w/ KDSS Option Less	Steering Axis	12°45’ (12.75°)
	w/ KDSS Full Option	Steering Axis	12°50’ (12.84°)
	Active Height Control STD	Steering Axis	13°00’ (13.00°)
	Active Height Control Low	Steering Axis	14°50’ (14.83°)
	Active Height Control High	Steering Axis	11°58’ (11.96°)
VDJ200L-GMTEZW	w/ KDSS Option Less	Steering Axis	12°50’ (12.83°)
	w/ KDSS Full Option	Steering Axis	12°50’ (12.83°)
	Active Height Control STD	Steering Axis	13°00’ (13.00°)
	Active Height Control Low	Steering Axis	14°50’ (14.83°)
	Active Height Control High	Steering Axis	11°58’ (11.96°)
VDJ200L/R-GNTEZW	w/ KDSS Option Less	Steering Axis	12°50’ (12.83°)
	w/ KDSS Full Option	Steering Axis	12°50’ (12.83°)
	Active Height Control STD	Steering Axis	13°00’ (13.00°)
	Active Height Control Low	Steering Axis	14°50’ (14.83°)
	Active Height Control High	Steering Axis	11°58’ (11.96°)



(5) Standard toe-in (unloaded vehicle):

Vehicle Model	Item	Front A + B Rear C – D
w/o Active Height Control	Toe-in (total)	A - B: 0°13' +/-45' (0.22° +/-0.75°) C - D: 3 +/-2 mm (0.118 +/-0.0787 in.)
w/ Active Height Control	Toe-in (total)	A - B: 0°00' +/-45' (0.00° +/-0.75°) C - D: 0 +/-2 mm (0 +/-0.0787 in.)



(6) Standard wheel turning angle:

Vehicle Model	Suspension Package Option	Inside wheel angle	Outside wheel angle (reference)
GRJ200L/R-GMMNK	Option Less	33°31' to 36°31' (33.52° to 36.52°)	32°14' (32.23°)
	Spare Tire x 2	33°32' to 36°32' (33.54° to 36.54°)	32°19' (32.32°)
	Sub Tank	33°32' to 36°32' (33.53° to 36.53°)	32°16' (32.27°)
	Winch	33°31' to 36°31' (33.51° to 36.51°)	32°12' (32.20°)
	Spare Tire x 2 + Winch	33°32' to 36°32' (33.53° to 36.53°)	32°17' (32.28°)
	Sub Tank + Winch	33°31' to 36°31' (33.52° to 36.52°)	32°14' (32.24°)
	Spare Tire x 2 + Sub Tank	33°33' to 36°33' (33.55° to 36.55°)	32°22' (32.36°)
	Winch + Spare Tire x 2 + Sub Tank	33°32' to 36°32' (33.54° to 36.54°)	32°19' (32.32°)
	Full Option	33°31' to 36°31' (33.52° to 36.52°)	32°16' (32.26°)
GRJ200L/R-GNMNK	Option Less	33°31' to 36°31' (33.52° to 36.52°)	32°14' (32.23°)
	Spare Tire x 2	33°32' to 36°32' (33.54° to 36.54°)	32°19' (32.32°)
	Sub Tank	33°32' to 36°32' (33.53° to 36.53°)	32°16' (32.27°)
	Winch	33°31' to 36°31' (33.51° to 36.51°)	32°12' (32.20°)
	Spare Tire x 2 + Winch	33°32' to 36°32' (33.53° to 36.53°)	32°17' (32.28°)
	Sub Tank + Winch	33°31' to 36°31' (33.52° to 36.52°)	32°14' (32.24°)
	Spare Tire x 2 + Sub Tank	33°33' to 36°33' (33.55° to 36.55°)	32°22' (32.36°)
	Full Option	33°31' to 36°31' (33.51° to 36.51°)	32°13' (32.22°)

Vehicle Model	Suspension Package Option	Inside wheel angle	Outside wheel angle (reference)
GRJ200L-GPMNK	Option Less	33°32' to 36°32' (33.53° to 36.53°)	32°17' (32.29°)
	Spare Tire x 2	33°33' to 36°33' (33.55° to 36.55°)	32°22' (32.37°)
	Sub Tank	33°32' to 36°32' (33.54° to 36.54°)	32°20' (32.33°)
	Winch	33°31' to 36°31' (33.52° to 36.52°)	32°15' (32.25°)
	Spare Tire x 2 + Winch	33°32' to 36°32' (33.54° to 36.54°)	32°20' (32.33°)
	Sub Tank + Winch	33°32' to 36°32' (33.53° to 36.53°)	32°17' (32.29°)
	Spare Tire x 2 + Sub Tank	33°34' to 36°34' (33.56° to 36.56°)	32°25' (32.41°)
	Full Option	33°31' to 36°31' (33.52° to 36.52°)	32°16' (32.26°)
UZJ200L-GNAEK	Option Less	33°30' to 36°30' (33.50° to 36.50°)	32°11' (32.18°)
	Spare Tire x 2	33°31' to 36°31' (33.52° to 36.52°)	32°16' (32.26°)
	Full Option	33°30' to 36°30' (33.50° to 36.50°)	32°10' (32.17°)
	w/ KDSS Option Less	33°32' to 36°32' (33.53° to 36.53°)	32°17' (32.28°)
	w/ KDSS Spare Tire x 2	33°33' to 36°33' (33.55° to 36.55°)	32°22' (32.36°)
	w/ KDSS Full Option	33°31' to 36°31' (33.52° to 36.52°)	32°16' (32.27°)
VDJ200L-GMMNZ	Option Less	33°32' to 36°32' (33.53° to 36.53°)	32°17' (32.29°)
	Spare Tire x 2	33°33' to 36°33' (33.55° to 36.55°)	32°22' (32.36°)
	Sub Tank	33°32' to 36°32' (33.54° to 36.54°)	32°19' (32.32°)
	Winch	33°31' to 36°31' (33.51° to 36.51°)	32°13' (32.21°)
	Spare Tire x 2 + Winch	33°32' to 36°32' (33.53° to 36.53°)	32°17' (32.28°)
	Sub Tank + Winch	33°31' to 36°31' (33.52° to 36.52°)	32°14' (32.24°)
	Spare Tire x 2 + Sub Tank	33°34' to 36°34' (33.56° to 36.56°)	32°24' (32.40°)
	Full Option	33°31' to 36°31' (33.51° to 36.51°)	32°13' (32.21°)
VDJ200L/R-GNMNZ	Option Less	33°32' to 36°32' (33.54° to 36.54°)	32°19' (32.32°)
	Spare Tire x 2	33°34' to 36°34' (33.56° to 36.56°)	32°24' (32.40°)
	Sub Tank	33°33' to 36°33' (33.55° to 36.55°)	32°22' (32.36°)
	Winch	33°31' to 36°31' (33.52° to 36.52°)	32°14' (32.24°)
	Spare Tire x 2 + Winch	33°32' to 36°32' (33.53° to 36.53°)	32°19' (32.31°)
	Sub Tank + Winch	33°32' to 36°32' (33.53° to 36.53°)	32°17' (32.28°)
	Spare Tire x 2 + Sub Tank	33°34' to 36°34' (33.56° to 36.56°)	32°26' (32.44°)
	Full Option	33°31' to 36°31' (33.51° to 36.51°)	32°14' (32.23°)

Vehicle Model	Suspension Package Option	Inside wheel angle	Outside wheel angle (reference)
VDJ200L/R-GNTEZ	Option Less	33°30' to 36°30' (33.50° to 36.50°)	32°10' (32.17°)
	Spare Tire x 2	33°31' to 36°31' (33.52° to 36.52°)	32°14' (32.24°)
	Sub Tank	33°31' to 36°31' (33.51° to 36.51°)	32°12' (32.20°)
	Spare Tire x 2 + Sub Tank	33°32' to 36°32' (33.53° to 36.53°)	32°17' (32.28°)
	Full Option	33°29' to 36°29' (33.49° to 36.49°)	32°08' (32.14°)
	w/ KDSS Option Less	33°30' to 36°30' (33.50° to 36.50°)	32°11' (32.18°)
	w/ KDSS Spare Tire x 2	33°31' to 36°31' (33.52° to 36.52°)	32°15' (32.25°)
	w/ KDSS Sub Tank	33°31' to 36°31' (33.51° to 36.51°)	32°13' (32.22°)
	w/ KDSS Spare Tire x 2 + Sub Tank	33°32' to 36°32' (33.53° to 36.53°)	32°17' (32.29°)
	w/ KDSS Full Option	33°30' to 36°30' (33.50° to 36.50°)	32°11' (32.18°)
VDJ200L/R-GNTNZ	Option Less	33°30' to 36°30' (33.50° to 36.50°)	32°10' (32.17°)
	Spare Tire x 2	33°31' to 36°31' (33.52° to 36.52°)	32°14' (32.24°)
	Sub Tank	33°31' to 36°31' (33.51° to 36.51°)	32°12' (32.20°)
	Winch	33°29' to 36°29' (33.49° to 36.49°)	32°08' (32.14°)
	Spare Tire x 2 + Winch	33°31' to 36°31' (33.51° to 36.51°)	32°13' (32.21°)
	Sub Tank + Winch	33°30' to 36°30' (33.50° to 36.50°)	32°11' (32.18°)
	Spare Tire x 2 + Sub Tank	33°32' to 36°32' (33.53° to 36.53°)	32°17' (32.28°)
	Full Option	33°30' to 36°30' (33.50° to 36.50°)	32°10' (32.16°)
VDJ200L/R-GPMNZ	Option Less	33°32' to 36°32' (33.54° to 36.54°)	32°19' (32.32°)
	Spare Tire x 2	33°34' to 36°34' (33.56° to 36.56°)	32°24' (32.40°)
	Sub Tank	33°33' to 36°33' (33.55° to 36.55°)	32°22' (32.36°)
	Winch	33°31' to 36°31' (33.52° to 36.52°)	32°14' (32.24°)
	Spare Tire x 2 + Winch	33°32' to 36°32' (33.53° to 36.53°)	32°19' (32.31°)
	Sub Tank + Winch	33°32' to 36°32' (33.53° to 36.53°)	32°17' (32.28°)
	Spare Tire x 2 + Sub Tank	33°34' to 36°34' (33.56° to 36.56°)	32°26' (32.44°)
	Full Option	33°31' to 36°31' (33.52° to 36.52°)	32°16' (32.26°)

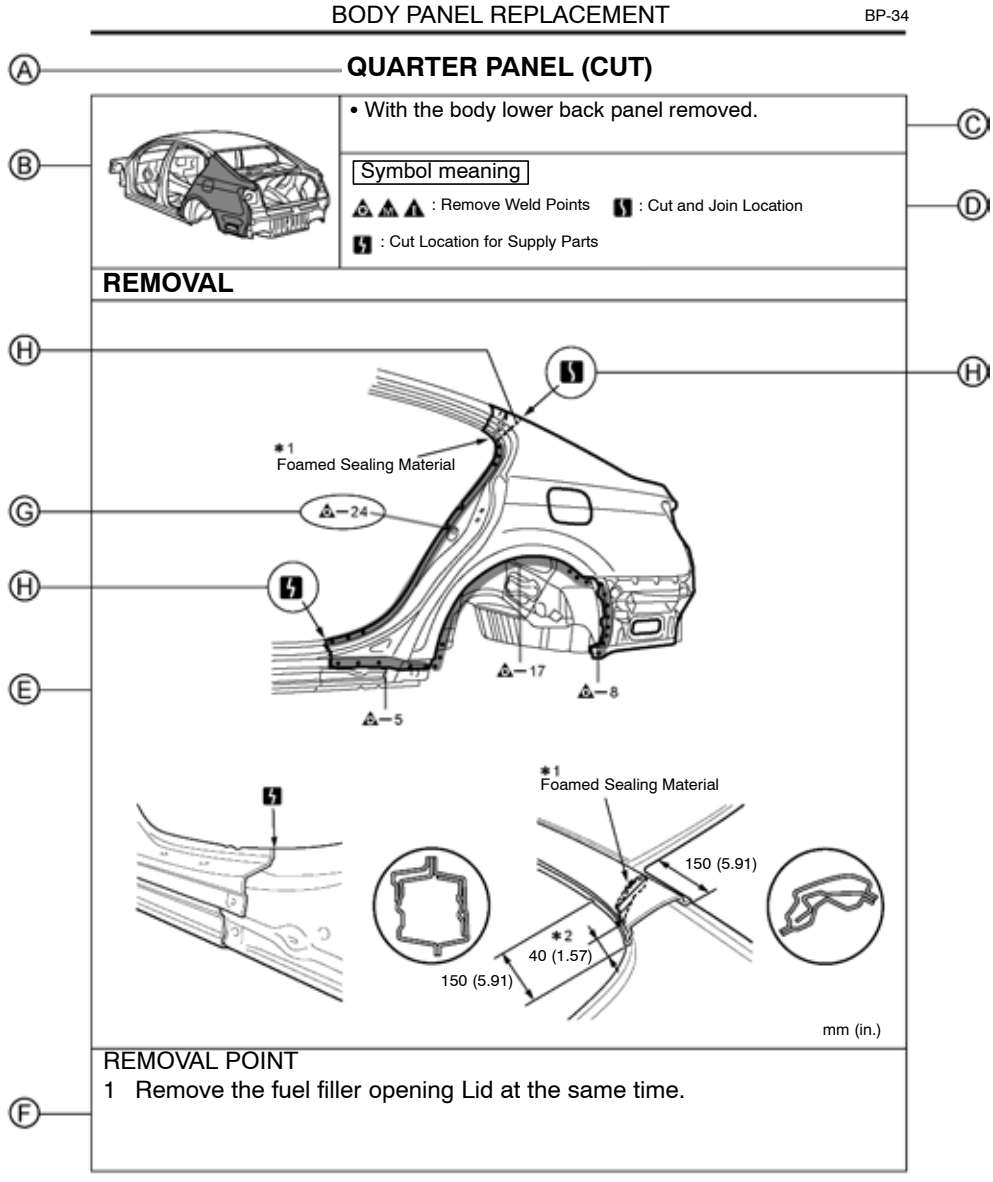
Vehicle Model	Suspension Package Option	Inside wheel angle	Outside wheel angle (reference)
VDJ200R-GMMNZ	Option Less	33°30' to 36°30' (33.50° to 36.50°)	32°11' (32.18°)
	Spare Tire x 2	33°31' to 36°31' (33.52° to 36.52°)	32°15' (32.25°)
	Sub Tank	33°31' to 36°31' (33.51° to 36.51°)	32°13' (32.21°)
	Winch	33°29' to 36°29' (33.48° to 36.48°)	32°07' (32.11°)
	Spare Tire x 2 + Winch	33°30' to 36°30' (33.50° to 36.50°)	32°11' (32.18°)
	Sub Tank + Winch	33°29' to 36°29' (33.49° to 36.49°)	32°08' (32.14°)
	Spare Tire x 2 + Sub Tank	33°32' to 36°32' (33.53° to 36.53°)	32°17' (32.29°)
	Full Option	33°31' to 36°31' (33.51° to 36.51°)	32°12' (32.20°)
GRJ200L-GNANKV	Option Less	33°34' to 36°34' (33.57° to 36.57°)	32°26' (32.44°)
	Spare Tire x 2	33°35' to 36°35' (33.58° to 36.58°)	32°31' (32.52°)
	Winch	33°34' to 36°34' (33.57° to 36.57°)	32°28' (32.47°)
	Spare Tire x 2 + Winch	33°35' to 36°35' (33.59° to 36.59°)	32°33' (32.55°)
	Full Option	33°34' to 36°34' (33.56° to 36.56°)	32°25' (32.42°)
GRJ200L-GNMNKV	Option Less	33°34' to 36°34' (33.57° to 36.57°)	32°26' (32.44°)
	Spare Tire x 2	33°35' to 36°35' (33.58° to 36.58°)	32°31' (32.52°)
	Winch	33°34' to 36°34' (33.57° to 36.57°)	32°28' (32.47°)
	Spare Tire x 2 + Winch	33°35' to 36°35' (33.59° to 36.59°)	32°33' (32.55°)
	Full Option	33°34' to 36°34' (33.56° to 36.56°)	32°25' (32.42°)
GRJ200L-GPANKV	Option Less	33°34' to 36°34' (33.57° to 36.57°)	32°26' (32.44°)
	Spare Tire x 2	33°35' to 36°35' (33.58° to 36.58°)	32°31' (32.52°)
	Winch	33°34' to 36°34' (33.56° to 36.56°)	32°26' (32.43°)
	Spare Tire x 2 + Winch	33°35' to 36°35' (33.58° to 36.58°)	32°31' (32.51°)
	Full Option	33°34' to 36°34' (33.56° to 36.56°)	32°25' (32.42°)
GRJ200L-GPMNKV	Option Less	33°34' to 36°34' (33.57° to 36.57°)	32°26' (32.44°)
	Spare Tire x 2	33°35' to 36°35' (33.58° to 36.58°)	32°31' (32.52°)
	Winch	33°34' to 36°34' (33.56° to 36.56°)	32°26' (32.43°)
	Spare Tire x 2 + Winch	33°35' to 36°35' (33.58° to 36.58°)	32°31' (32.51°)
	Full Option	33°34' to 36°34' (33.56° to 36.56°)	32°25' (32.42°)
UZJ200L-GNANKV	Option Less	33°34' to 36°34' (33.57° to 36.57°)	32°28' (32.46°)
	Spare Tire x 2	33°35' to 36°35' (33.59° to 36.59°)	32°32' (32.54°)
	Winch	33°35' to 36°35' (33.58° to 36.58°)	32°29' (32.49°)
	Spare Tire x 2 + Winch	33°35' to 36°35' (33.59° to 36.59°)	32°34' (32.56°)
	Full Option	33°35' to 36°35' (33.58° to 36.58°)	32°31' (32.51°)

Vehicle Model	Suspension Package Option	Inside wheel angle	Outside wheel angle (reference)
UZJ200L-GNAEKV	w/ KDSS Option Less	33°33' to 36°33' (33.55° to 36.55°)	32°23' (32.39°)
	w/ KDSS Spare Tire x 2	33°34' to 36°34' (33.57° to 36.57°)	32°28' (32.46°)
	w/ KDSS Full Option	33°32' to 36°32' (33.54° to 36.54°)	32°19' (32.32°)
VDJ200L-GNMNZV	Option Less	33°33' to 36°33' (33.55° to 36.55°)	32°22' (32.36°)
	Spare Tire x 2	33°34' to 36°34' (33.56° to 36.56°)	32°26' (32.44°)
	Winch	33°32' to 36°32' (33.53° to 36.53°)	32°17' (32.29°)
	Full Option	33°32' to 36°32' (33.53° to 36.53°)	32°17' (32.28°)
VDJ200L-GPMNZV	Option Less	33°33' to 36°33' (33.55° to 36.55°)	32°22' (32.36°)
	Spare Tire x 2	33°34' to 36°34' (33.56° to 36.56°)	32°26' (32.44°)
	Full Option	33°33' to 36°33' (33.55° to 36.55°)	32°22' (32.36°)
VDJ200L-GNTNZV	Option Less	33°35' to 36°35' (33.58° to 36.58°)	32°31' (32.52°)
	Spare Tire x 2	33°36' to 36°36' (33.60° to 36.60°)	32°36' (32.59°)
	Full Option	33°31' to 36°31' (33.52° to 36.52°)	32°14' (32.24°)
UZJ200R-GNAEKQ	w/ KDSS Option Less	33°34' to 36°34' (33.57° to 36.57°)	32°29' (32.48°)
	w/ KDSS Full Option	33°34' to 36°34' (33.56° to 36.56°)	32°25' (32.41°)
UZJ200R-GNANKQ	Option Less	33°36' to 36°36' (33.60° to 36.60°)	32°36' (32.59°)
	Full Option	33°36' to 36°36' (33.59° to 36.59°)	32°32' (32.54°)
	w/ KDSS Option Less	33°34' to 36°34' (33.57° to 36.57°)	32°27' (32.45°)
	w/ KDSS Full Option	33°34' to 36°34' (33.57° to 36.57°)	32°26' (32.44°)
VDJ200R-GNTEZQ	Option Less	33°35' to 36°35' (33.58° to 36.58°)	32°30' (32.50°)
	Full Option	33°36' to 36°36' (33.59° to 36.59°)	32°32' (32.54°)
	w/ KDSS Option Less	33°32' to 36°32' (33.53° to 36.53°)	32°17' (32.28°)
	w/ KDSS Full Option	33°32' to 36°32' (33.54° to 36.54°)	32°20' (32.34°)
VDJ200R-GNTNZQ	Option Less	33°36' to 36°36' (33.59° to 36.59°)	32°34' (32.57°)
	Full Option	33°35' to 36°35' (33.58° to 36.58°)	32°31' (32.52°)
	w/ KDSS Option Less	33°33' to 36°33' (33.55° to 36.55°)	32°23' (32.38°)
	w/ KDSS Full Option	33°32' to 36°32' (33.54° to 36.54°)	32°20' (32.34°)
UZJ200R-GNAEKQ	w/ KDSS Bull Bar	33°30' to 36°30' (33.50° to 36.50°)	32°11' (32.18°)
	w/ KDSS Bull Bar Full Option	33°29' to 36°29' (33.48° to 36.48°)	32°07' (32.11°)

Vehicle Model	Suspension Package Option	Inside wheel angle	Outside wheel angle (reference)
UZJ200R-GNANKQ	Bull Bar	33°32' to 36°32' (33.53° to 36.53°)	32°19' (32.31°)
	Bull Bar Full Option	33°31' to 36°31' (33.52° to 36.52°)	32°16' (32.26°)
	w/ KDSS Bull Bar	33°29' to 36°29' (33.49° to 36.49°)	32°09' (32.15°)
	w/ KDSS Bull Bar Full Option	33°29' to 36°29' (33.49° to 36.49°)	32°09' (32.15°)
VDJ200R-GNTEZQ	Bull Bar	33°31' to 36°31' (33.51° to 36.51°)	32°14' (32.23°)
	Bull Bar Full Option	33°31' to 36°31' (33.52° to 36.52°)	32°16' (32.27°)
	w/ KDSS Bull Bar	33°27' to 36°27' (33.45° to 36.45°)	32°01' (32.01°)
	w/ KDSS Bull Bar Full Option	33°28' to 36°28' (33.47° to 36.47°)	32°04' (32.07°)
VDJ200R-GNTNZQ	Bull Bar	33°32' to 36°32' (33.53° to 36.53°)	32°18' (32.30°)
	Bull Bar Full Option	33°31' to 36°31' (33.52° to 36.52°)	32°15' (32.25°)
	w/ KDSS Bull Bar	33°29' to 36°29' (33.48° to 36.48°)	32°07' (32.11°)
	w/ KDSS Bull Bar Full Option	33°28' to 36°28' (33.47° to 36.47°)	32°04' (32.07°)
UZJ200L-GMAEKW	w/ KDSS Option Less	33°32' to 36°32' (33.54° to 36.54°)	32°21' (32.35°)
	w/ KDSS Full Option	33°31' to 36°31' (33.51° to 36.51°)	32°14' (32.23°)
	Active Height Control STD	33°28' to 36°28' (33.46° to 36.46°)	32°02' (32.03°)
	Active Height Control Low	32°43' to 35°43' (32.71° to 35.71°)	30°17' (30.29°)
	Active Height Control High	33°44' to 36°44' (33.74° to 36.74°)	33°37' (33.62°)
UZJ200L/R-GNAEKW	w/ KDSS Option Less	33°32' to 36°32' (33.54° to 36.54°)	32°21' (32.35°)
	w/ KDSS Full Option	33°31' to 36°31' (33.51° to 36.51°)	32°14' (32.23°)
	Active Height Control STD	33°28' to 36°28' (33.46° to 36.46°)	32°02' (32.03°)
	Active Height Control Low	32°43' to 35°43' (32.71° to 35.71°)	30°17' (30.29°)
	Active Height Control High	33°44' to 36°44' (33.74° to 36.74°)	33°37' (33.62°)
VDJ200L-GMTEZW	w/ KDSS Option Less	33°31' to 36°31' (33.52° to 36.52°)	32°15' (32.25°)
	w/ KDSS Full Option	33°31' to 36°31' (33.52° to 36.52°)	32°15' (32.25°)
	Active Height Control STD	33°28' to 36°28' (33.46° to 36.46°)	32°02' (32.03°)
	Active Height Control Low	32°43' to 35°43' (32.71° to 35.71°)	30°17' (30.29°)
	Active Height Control High	33°44' to 36°44' (33.74° to 36.74°)	33°37' (33.62°)
VDJ200L/R-GNTEZW	w/ KDSS Option Less	33°31' to 36°31' (33.52° to 36.52°)	32°15' (32.25°)
	w/ KDSS Full Option	33°31' to 36°31' (33.52° to 36.52°)	32°15' (32.25°)
	Active Height Control STD	33°28' to 36°28' (33.46° to 36.46°)	32°02' (32.03°)
	Active Height Control Low	32°43' to 35°43' (32.71° to 35.71°)	30°17' (30.29°)
	Active Height Control High	33°44' to 36°44' (33.74° to 36.74°)	33°37' (33.62°)

HOW TO USE THIS MANUAL

1. BODY PANEL REPLACEMENT IN THIS MANUAL



Ⓐ REPLACEMENT PARTS
QUARTER PANEL (CUT)
- Replacement method
  (ASSY)...Assembly replacement
  (CUT)...Major cutting (less than 1/2 of part used)
  (CUT-H)...Half cutting (about 1/2 of part used)
  (CUT-P)...Partial cutting (most of part used)
- Replacement part

Ⓑ PART LOCATION

Ⓒ REMOVAL AND INSTALLATION CONDITIONS

Ⓓ SYMBOL MEANING

Ⓔ REMOVAL DIAGRAM

Ⓕ REMOVAL GUIDE

Ⓖ WELDING EXPLANATION (See page IN-72)

Ⓗ SYMBOLS (See page IN-74)

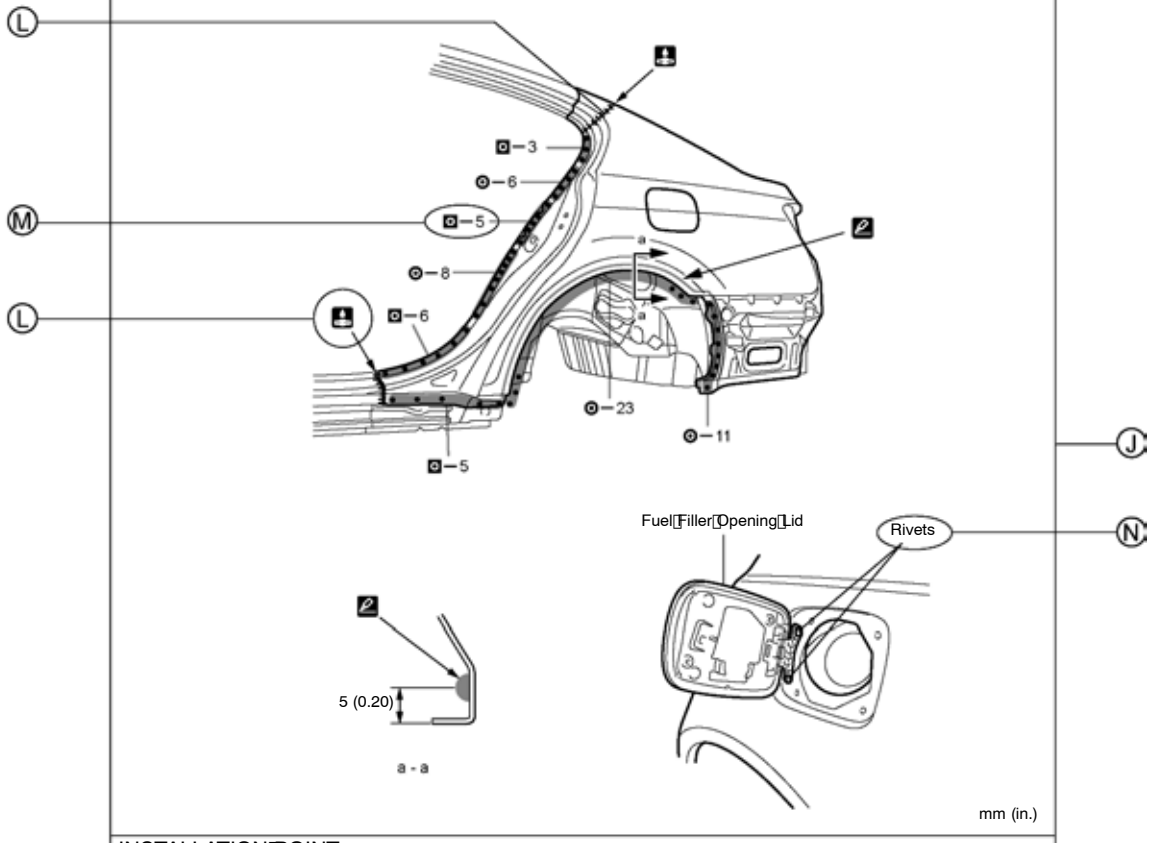
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BP-36 BODY PANEL REPLACEMENT

Symbol meaning

: Spot Weld : Plug Weld : Butt Weld : Body Sealer

INSTALLATION



INSTALLATION POINT

1. Inspect the fitting of the reated around the new parts befor welding.
   This affects the appearance of the finish.
2. Temporarily install the new parts and measure each part of the new parts in accordance with the body dimension diagram. (See the body dimension diagram)
3. Before temporarily installing the new parts, apply body sealer to the wheel arch.
   HINT:
   1) Apply body sealer evenly about 5 mm (0.20 in.) from the flange, avoiding any oozing.
   2) Apply body sealer evenly, about 3 – 4 mm (0.12 – 0.16 in.) in diameter.

Ⓘ SYMBOL MEANING

Ⓙ INSTALLATION DIAGURAM

Ⓚ INSTALLATION GUIDE

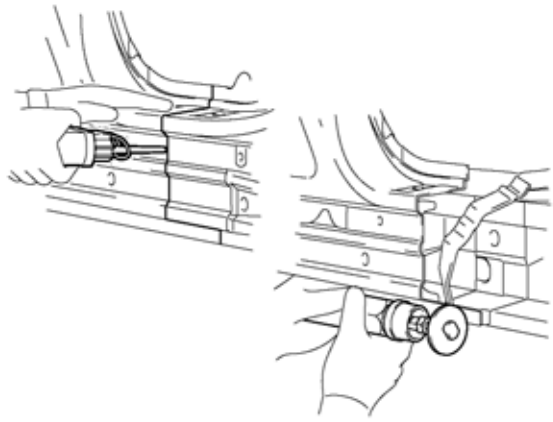
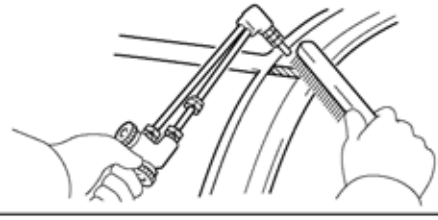
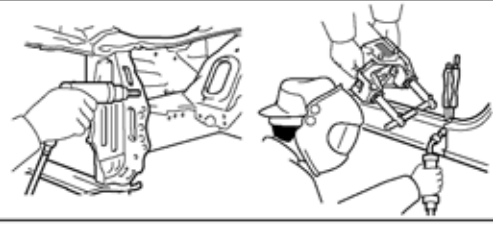
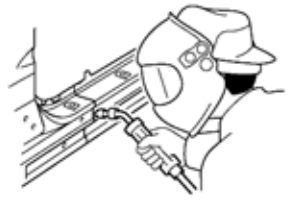
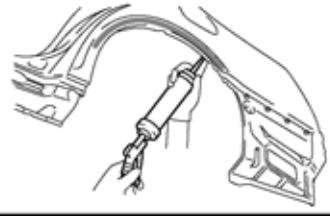
Ⓛ SYMBOLS (See page IN-72)

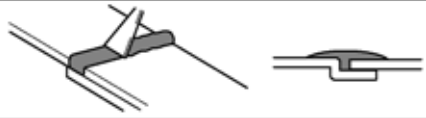
Ⓜ WELDING EXPLANATION (See page IN-74)

Ⓝ PART NAME

F31236

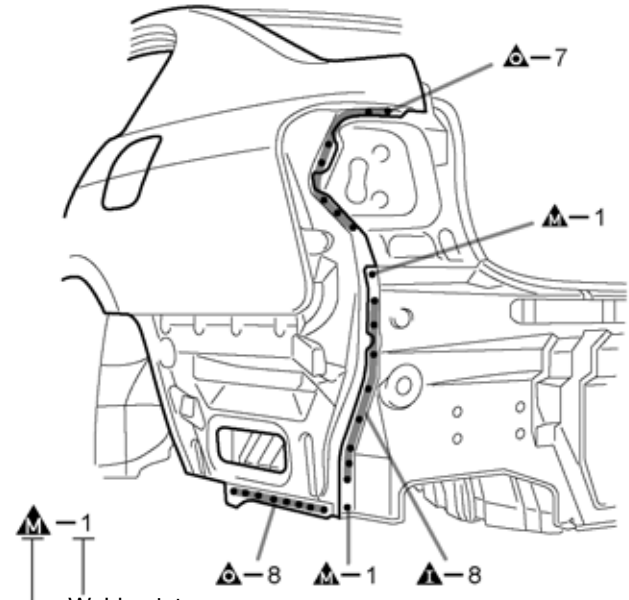
2. SYMBOLS

REPAIR AREA INDICATOR SYMBOLS		REPAIR METHOD INDICATOR SYMBOLS		ILLUSTRATION
	CUT		CUT AND JOIN LOCATION (SAW CUT)	
			CUT AND JOIN LOCATION (Cut Location for Supply Parts)	
			CUT LOCATION	
			CUT WITH DISC SANDER, ETC.	
	BRAZE		BRAZING OR ARC BRAZING FOR REMOVAL	
	BRAZE		BRAZE	
	WELD POINTS		SPOT WELD OR PLUG WELD (refer to “ILLUSTRATION OF WELD POINT SYMBOLS”)	
	WELDING		BUTT WELD	
			FILLET WELD	
	BODY SEALER		BODY SEALER	 F31237

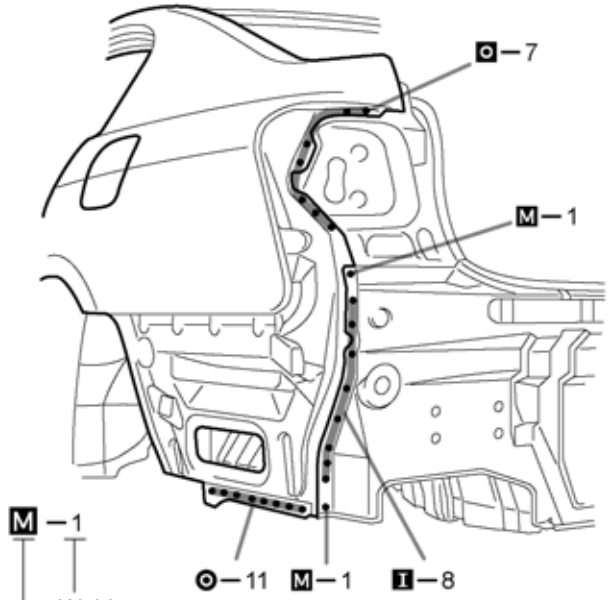
REPAIR AREA INDICATOR SYMBOLS		REPAIR METHOD INDICATOR SYMBOLS		ILLUSTRATION
—	ASSEMBLY MARK	⊕	STANDARD HOLE FOR INSTALLATION	—
++++++++++	BODY SEALER	—	FLAT FINISHING	
———			NO FLAT FINISHING	 F31238

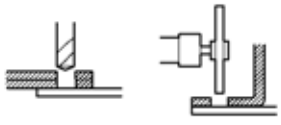
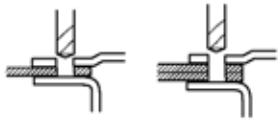
3. ILLUSTRATION OF WELD POINT SYMBOLS

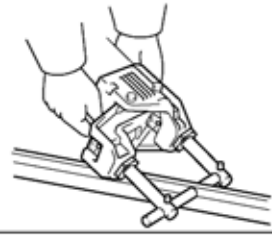
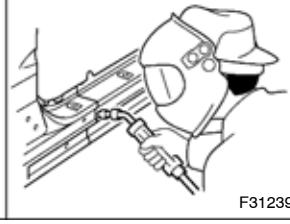
REMOVAL



INSTALLATION



SYMBOLS	MEANING	ILLUSTRATION
▲	Remove Weld Points	
O	Position of Panel Being Replaced is on Outside	
M	Position of Panel Being Replaced is in Center	
I	Position of Panel Being Replaced is on Inside	

SYMBOLS	MEANING	ILLUSTRATION
●	Spot Welding	
■	Plug Welding	
+	Spot MIG Welding	

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