

WORKSHOP MANUAL

TF SERIES

FRAME AND CAB

SECTION 2

ISUZU

ISUZU



International Service & Parts
Tokyo, Japan

NOTICE

Before using this Workshop Manual to assist you in performing vehicle service and maintenance operations, it is recommended that you carefully read and thoroughly understand the information contained in Section - 0A under the headings "GENERAL REPAIR INSTRUCTIONS" and "HOW TO USE THIS MANUAL".

All material contained in this Manual is based on the latest product information available at the time of publication.

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SECTION 2A

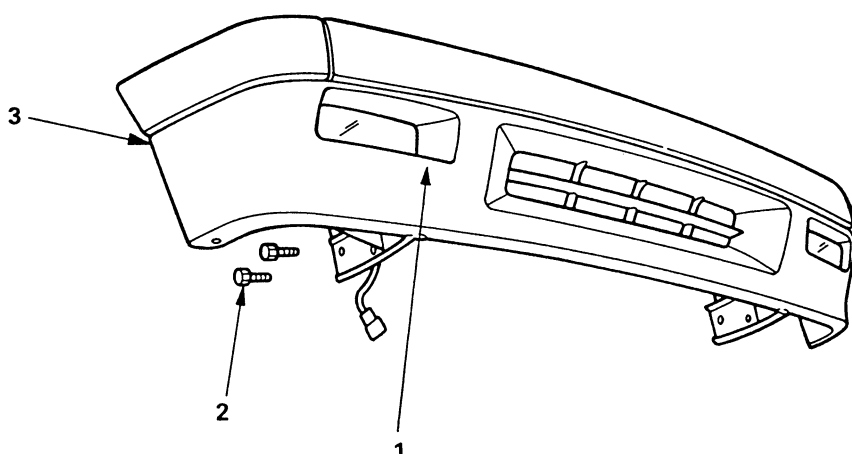
FRAME AND BUMPER

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FRONT BUMPER

REMOVAL AND INSTALLATION

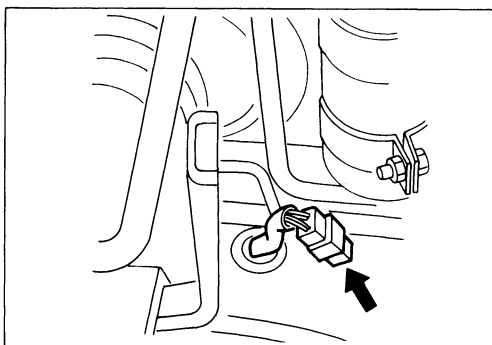


Removal Steps

- ▲ 1. Front combination light
- 2. Bolt
- 3. Front bumper assembly

Installation Steps

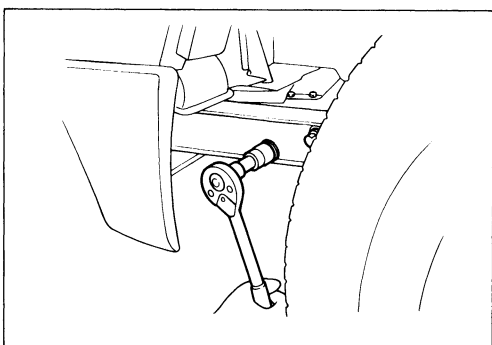
- 3. Front bumper assembly
- ▲ 2. Bolt
- 1. Front combination light



Important Operation — Removal

1. Front Combination Light

Disconnect the front combination light harness.



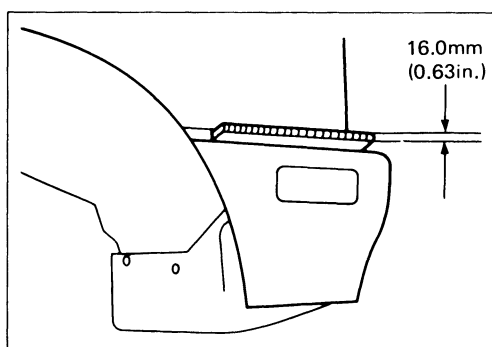
Important Operation — Installation



2. Bolt

Torque	kg·m(lb.ft/N·m)
13.75 ± 1.75 ($99.6 \pm 12.7/134.9 \pm 17.2$)	

ADJUSTMENT

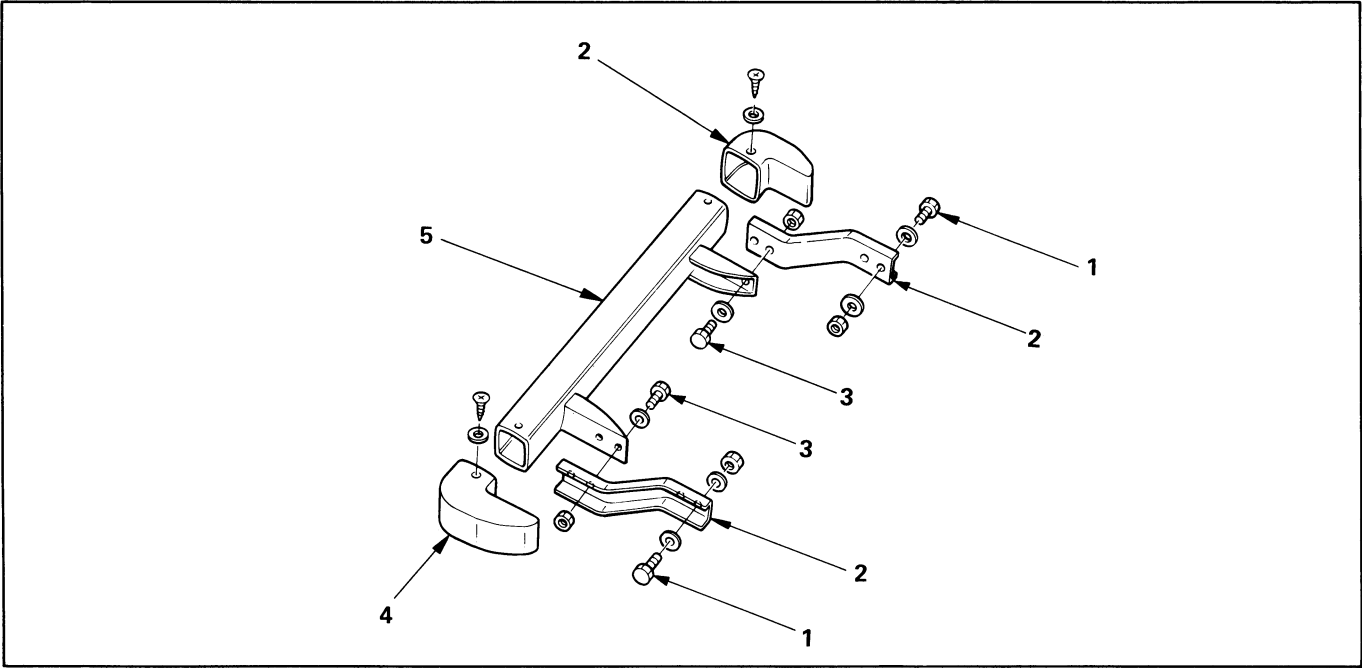


When the bolts fixing front bumper assembly are tightened, adjustment should be made with shims fitted between the back bar and front side bumper so that a clearance of 16.0 mm (0.63 in.) is provided between the lower side of the fender and the upper side of the front side bumper.

REAR BUMPER



REMOVAL AND INSTALLATION



Removal Steps

1. Bolt ; back bar to frame
2. Back bar
3. Bolt ; back bar to rear bumper
4. Cap ; rear bumper
5. Rear bumper

Installation Steps

5. Rear bumper
4. Cap ; rear bumper
- ▲ 3. Bolt ; back bar to rear bumper
2. Back bar
1. Bolt ; back bar to frame



Important Operation — Installation



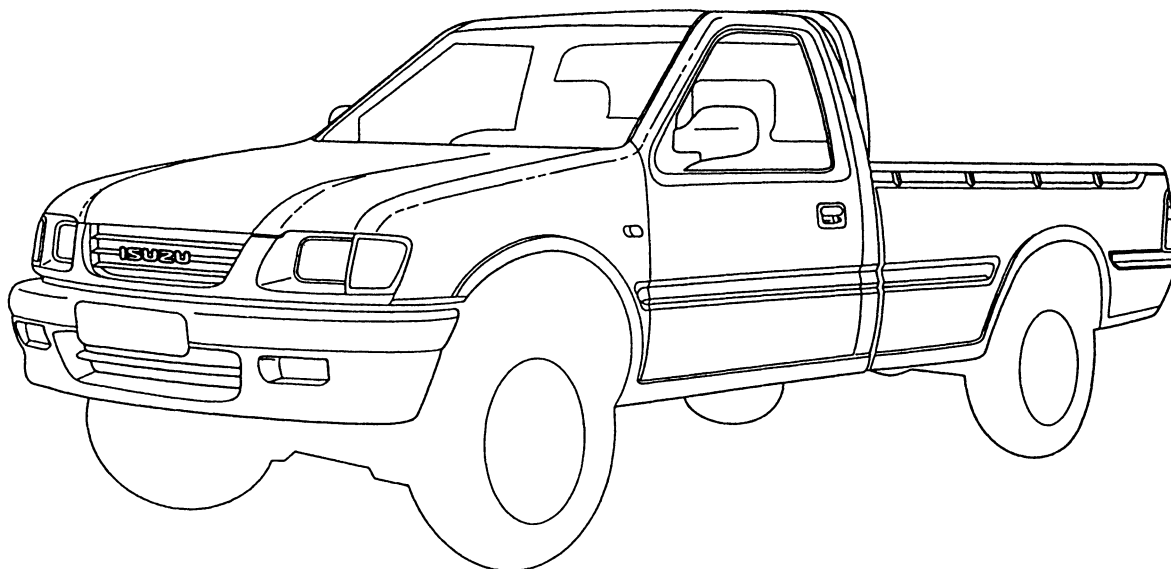
3. Bolt ; Back Bar to Rear Bumper

Torque	kg·m(lb.ft/N·m)
<u>10.5 ±1 (75.9 ±7.2/103 ±9.8)</u>	

REAR BODY



REMOVAL AND INSTALLATION



Removal Steps

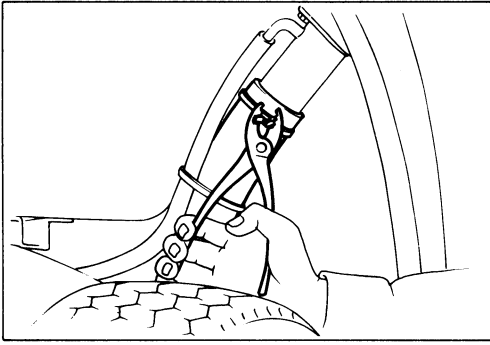
1. Battery ground cable
2. Rear combination lamp harness
- ▲ 3. Fuel filler pipe and evaporator hose
4. Spare tire
5. Bolt ; frame to rear body
- ▲ 6. Rear body assembly

Installation Steps

6. Rear body assembly
- ▲ 5. Bolt ; frame to rear body
4. Spare tire
3. Fuel filler pipe and evaporator hose
2. Rear combination lamp harness
1. Battery ground cable

NOTE:

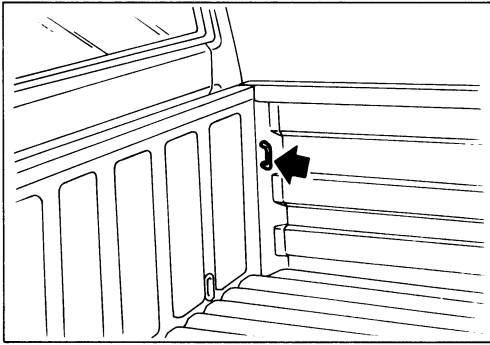
The rear body must be empty before removal.



Important Operations — Removal

3. Fuel Filler Pipe and Evaporator Hose

Disconnect the fuel filler pipe and evaporator hose.

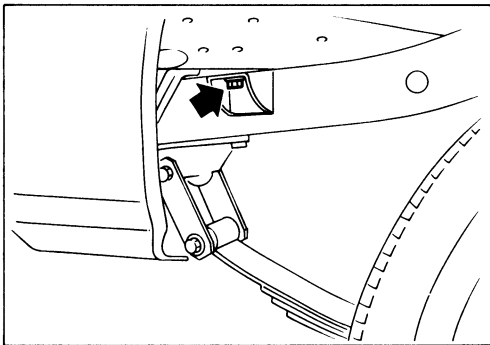


6. Rear Body Assembly

Attach lifting wires to the four rear body hooks and raise the rear body.

Note:

In lifting up rear body, take care not to dash it against cab body.



Important Operations — Installation

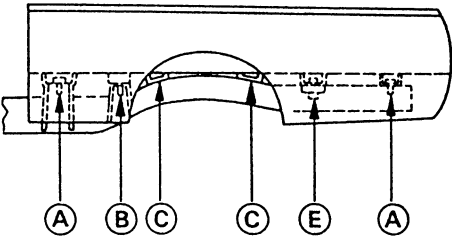


5. Bolt ; Frame to Body

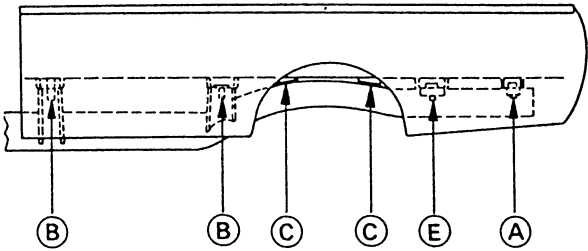
Torque	kg·m(lb.ft/N·m)
6.5 ± 1.5 ($47 \pm 10.8/63.8 \pm 14.7$)	

BODY MOUNTING

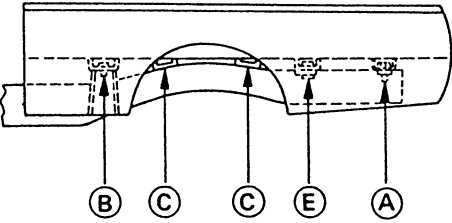
Short



Long

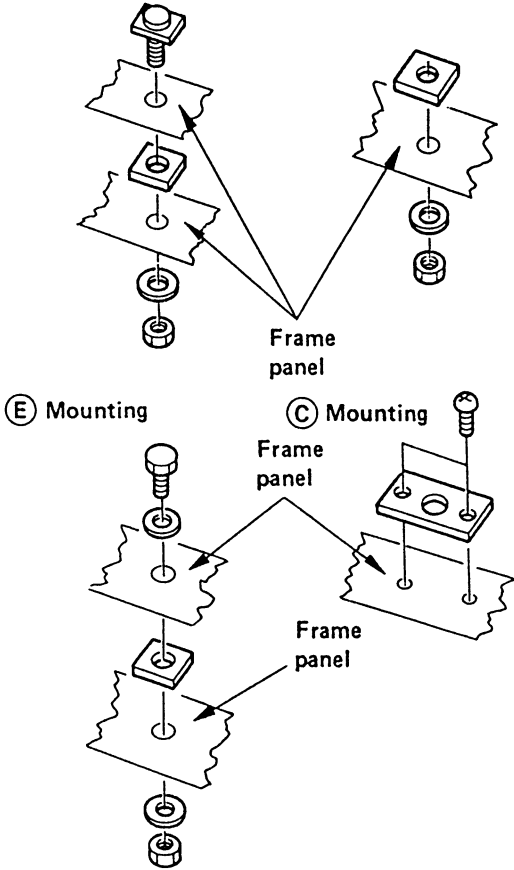


Space cab



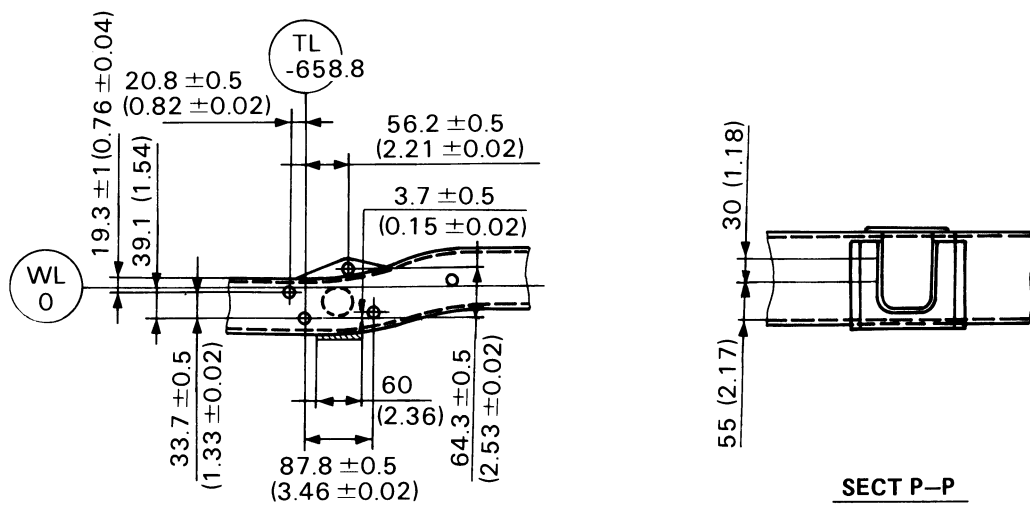
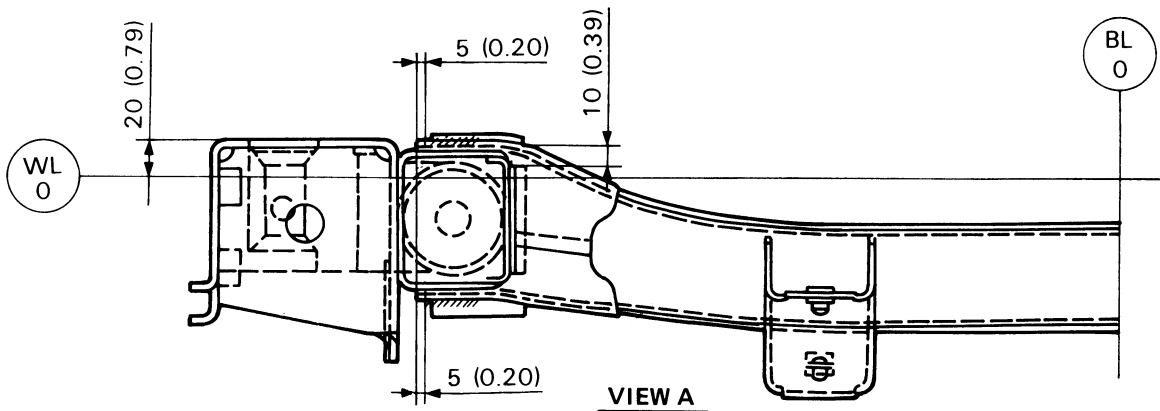
(A) Mounting

(B) Mounting

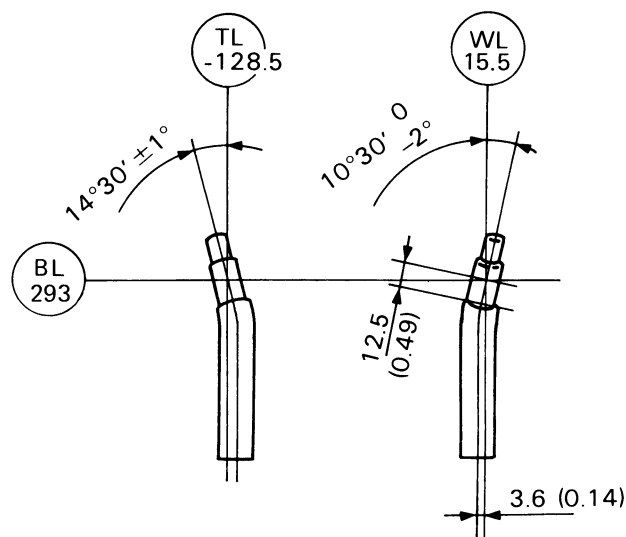


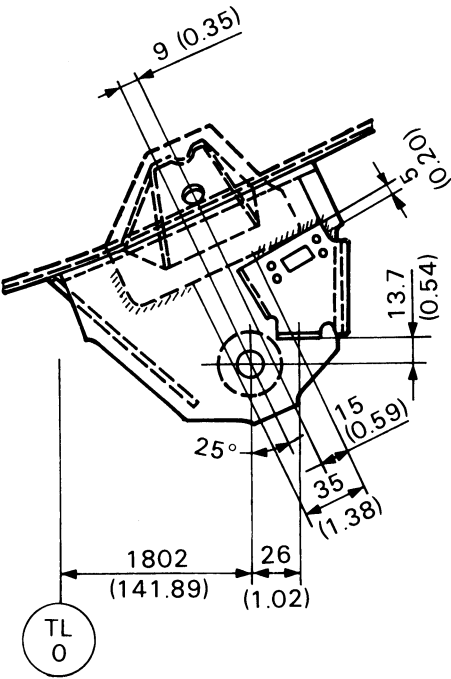
[illegible]

With automatic transmission only

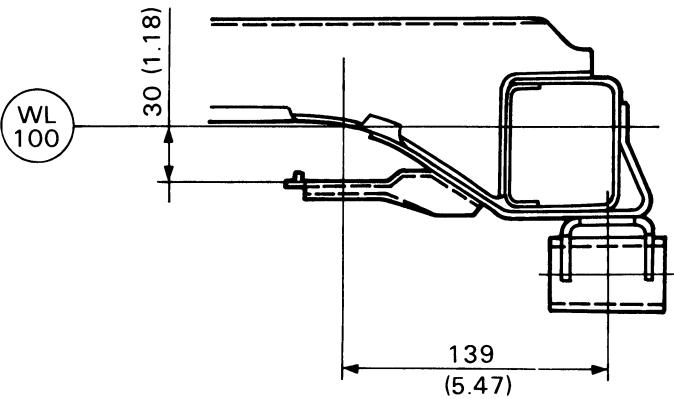


SECT P-P

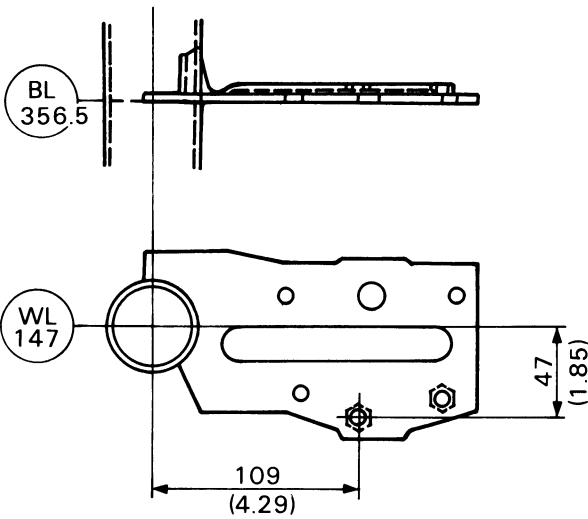




VIEW F



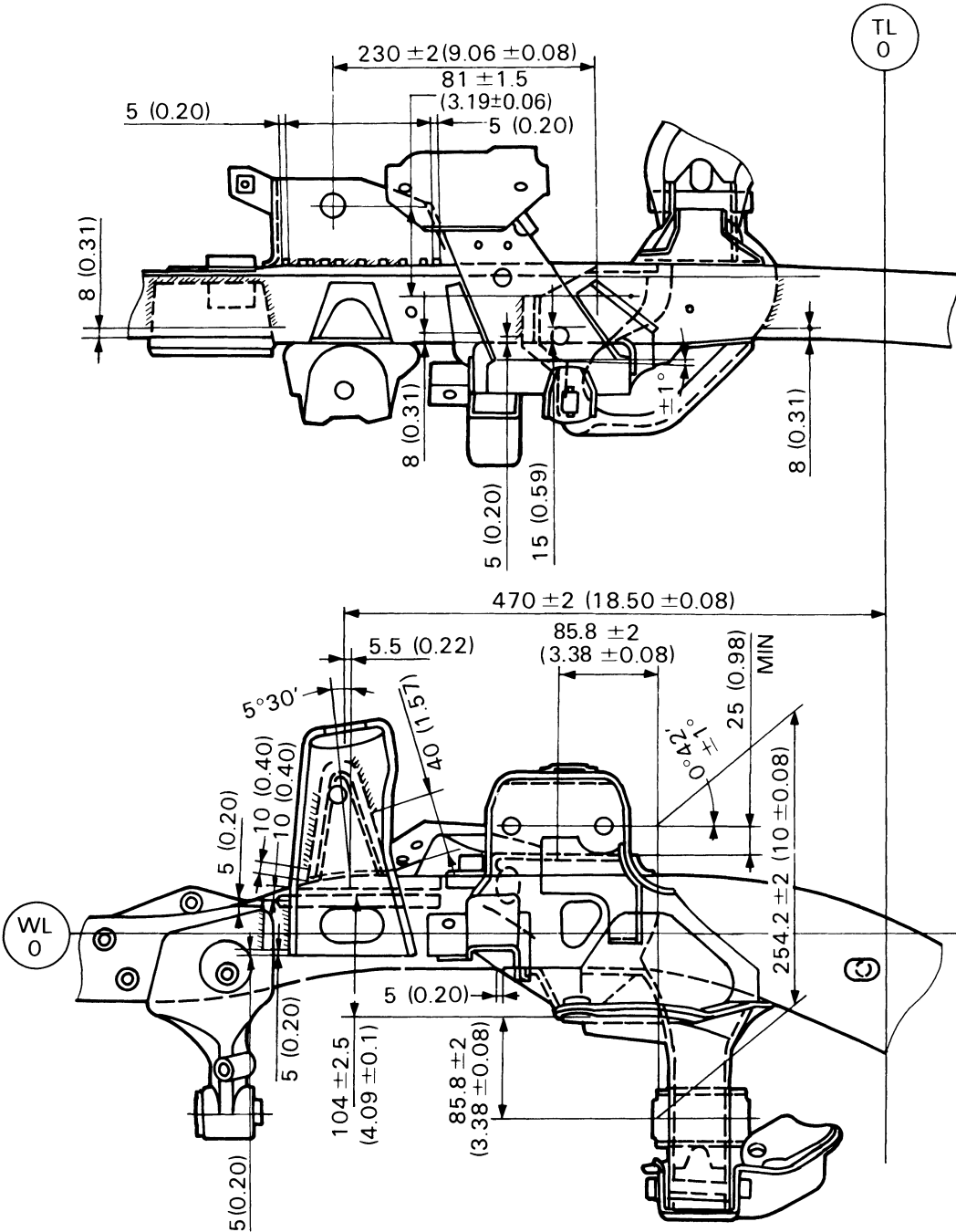
VIEW G

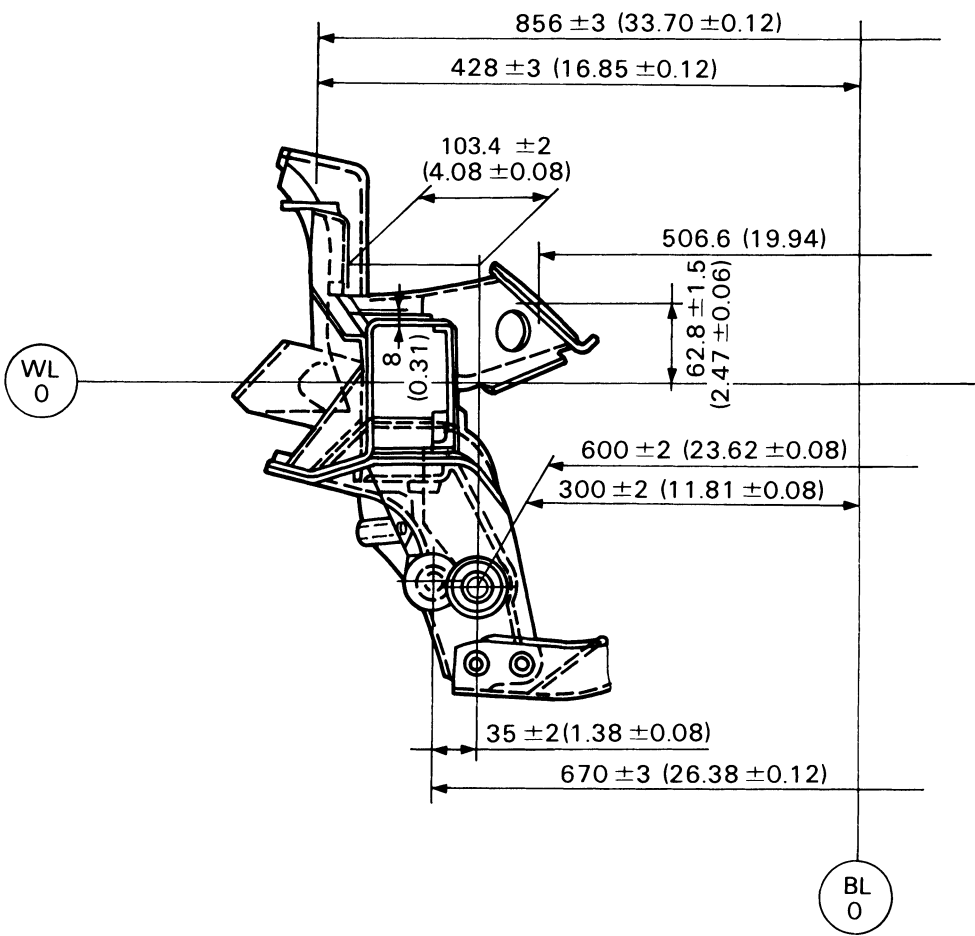


VIEW J

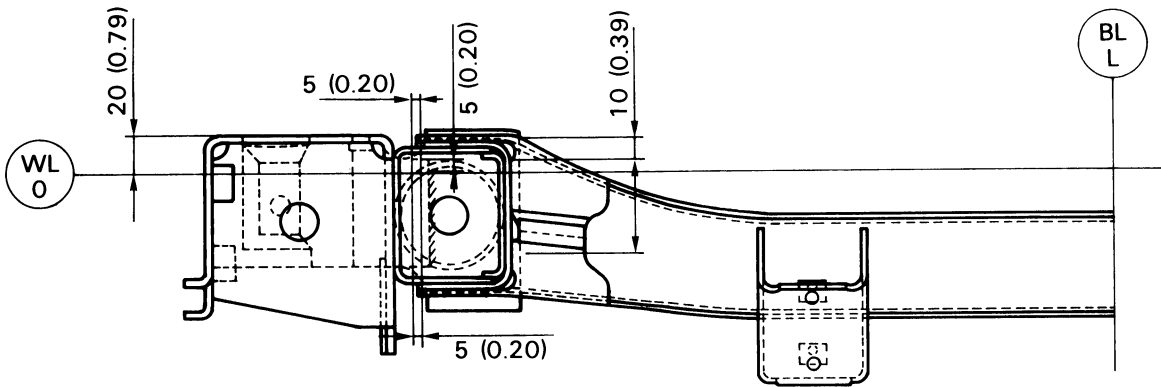
FRONT SUSPENSION DETAILS

mm (in)

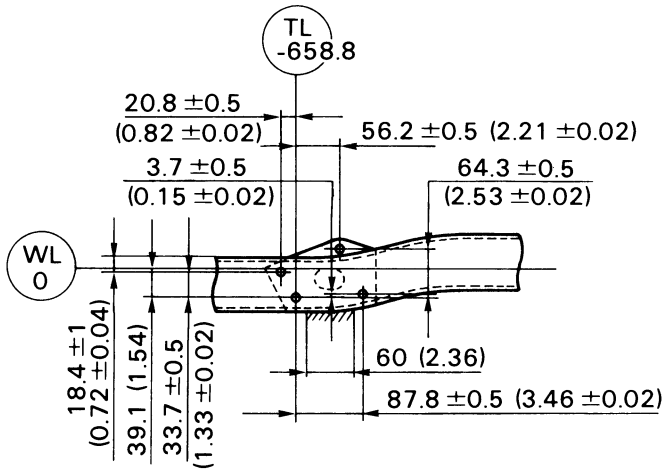




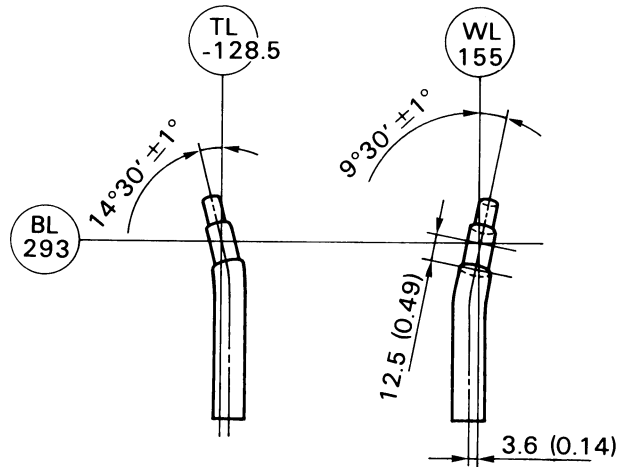
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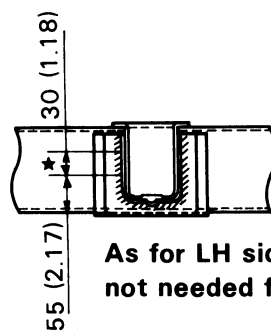
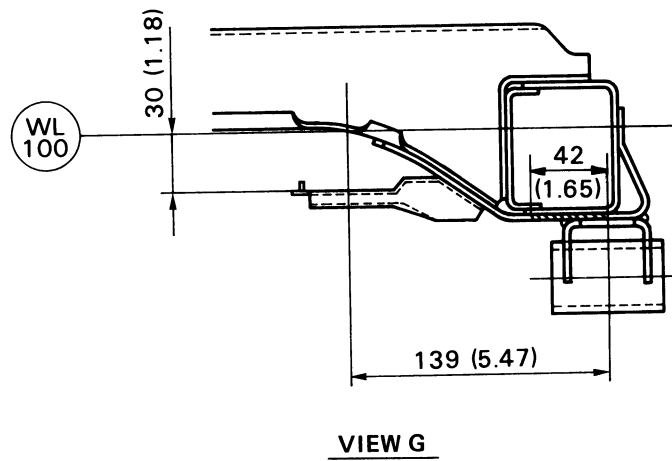
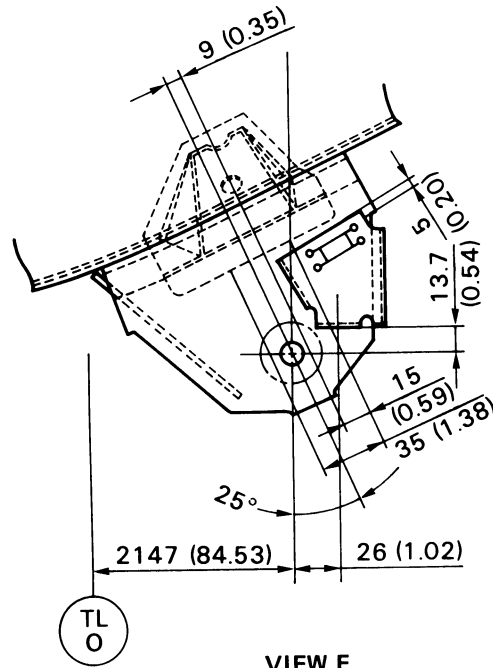
VIEW A



VIEW B

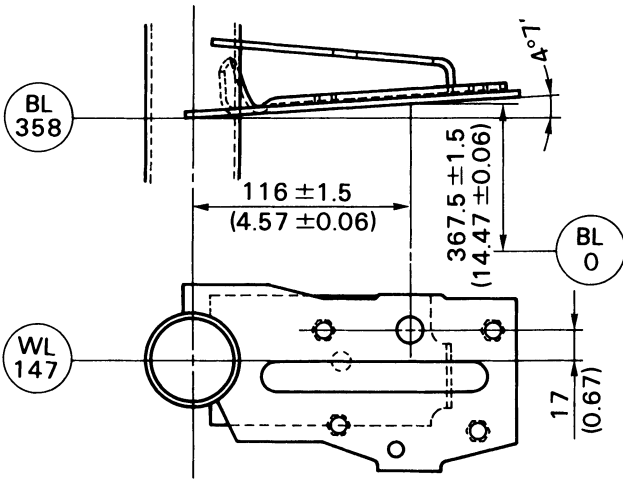
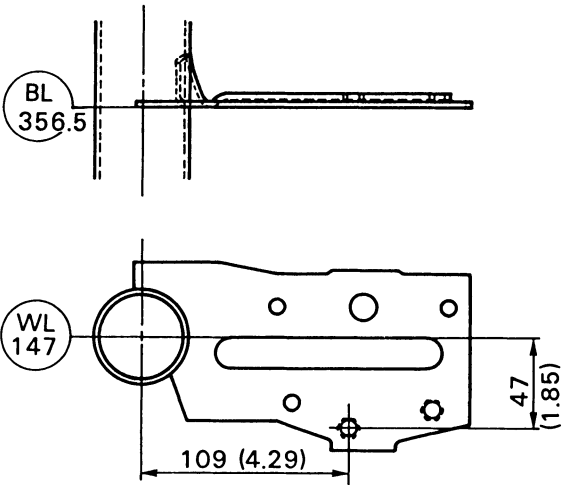


VIEW E

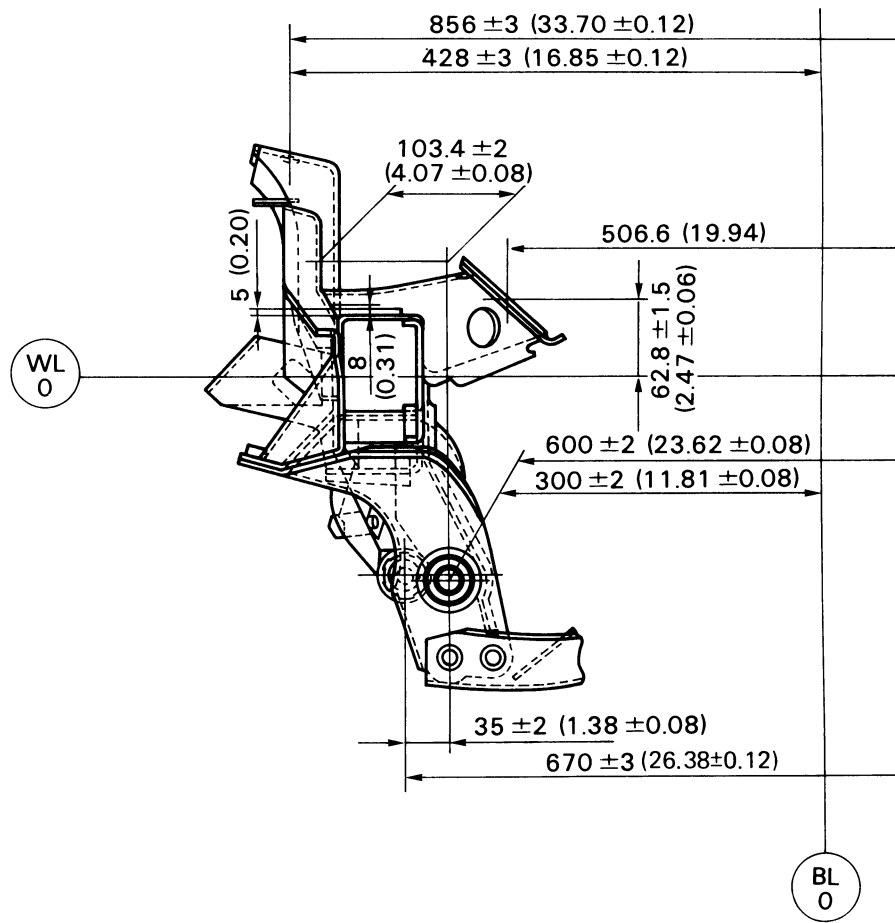


As for LH side, weldment is not needed for ★ area.

SECT P-P

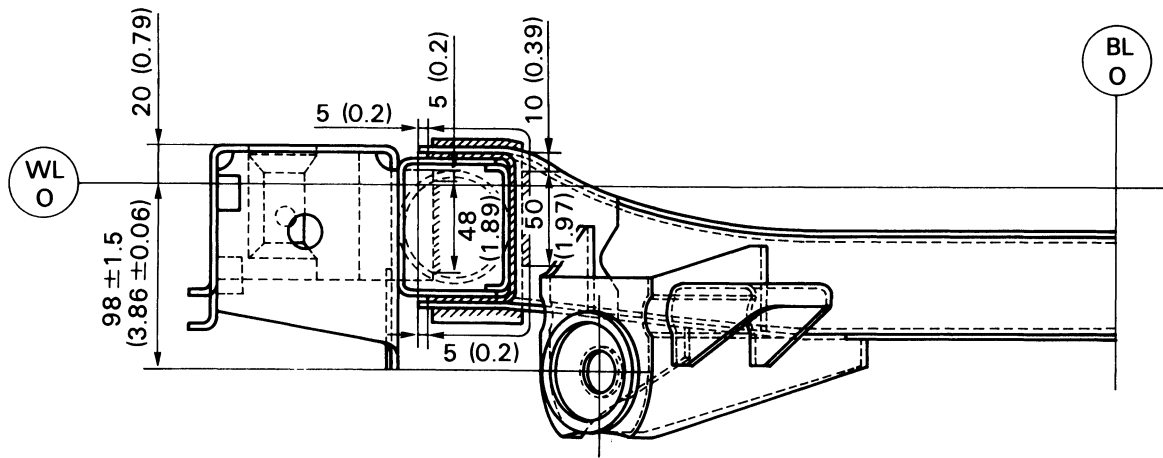


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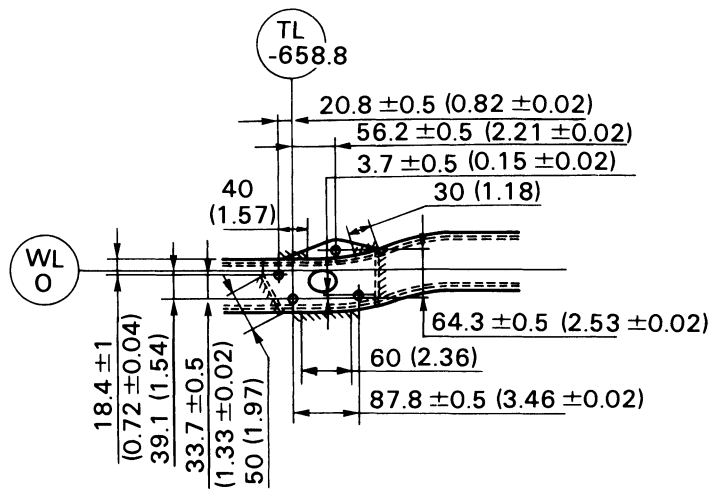


MEMO

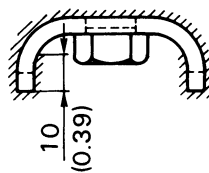
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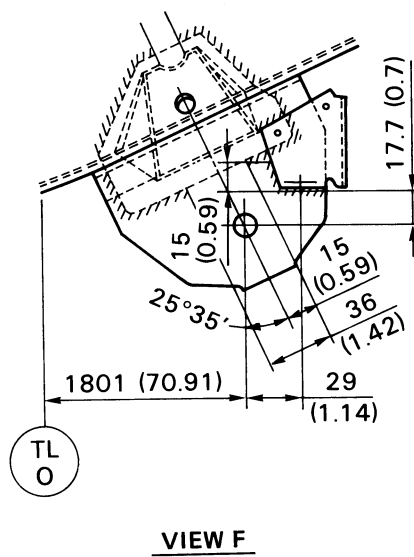
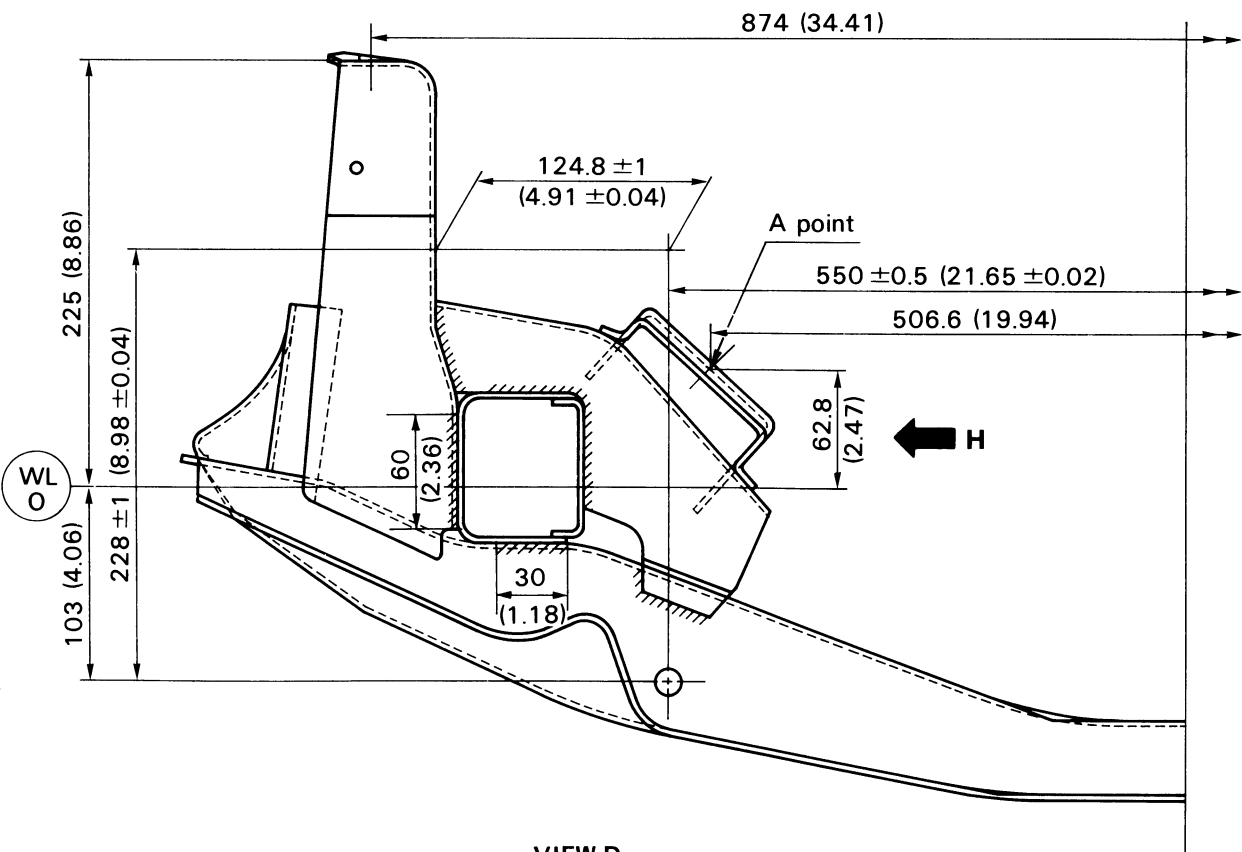
VIEW A



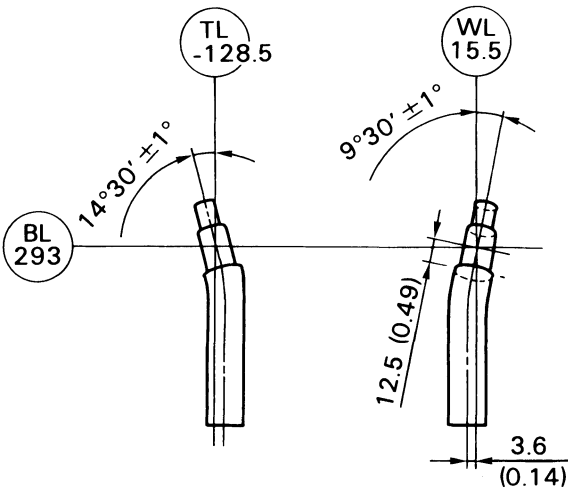
VIEW B



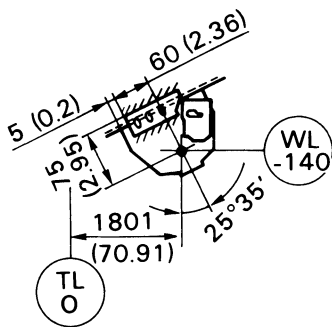
VIEW C



VIEW J



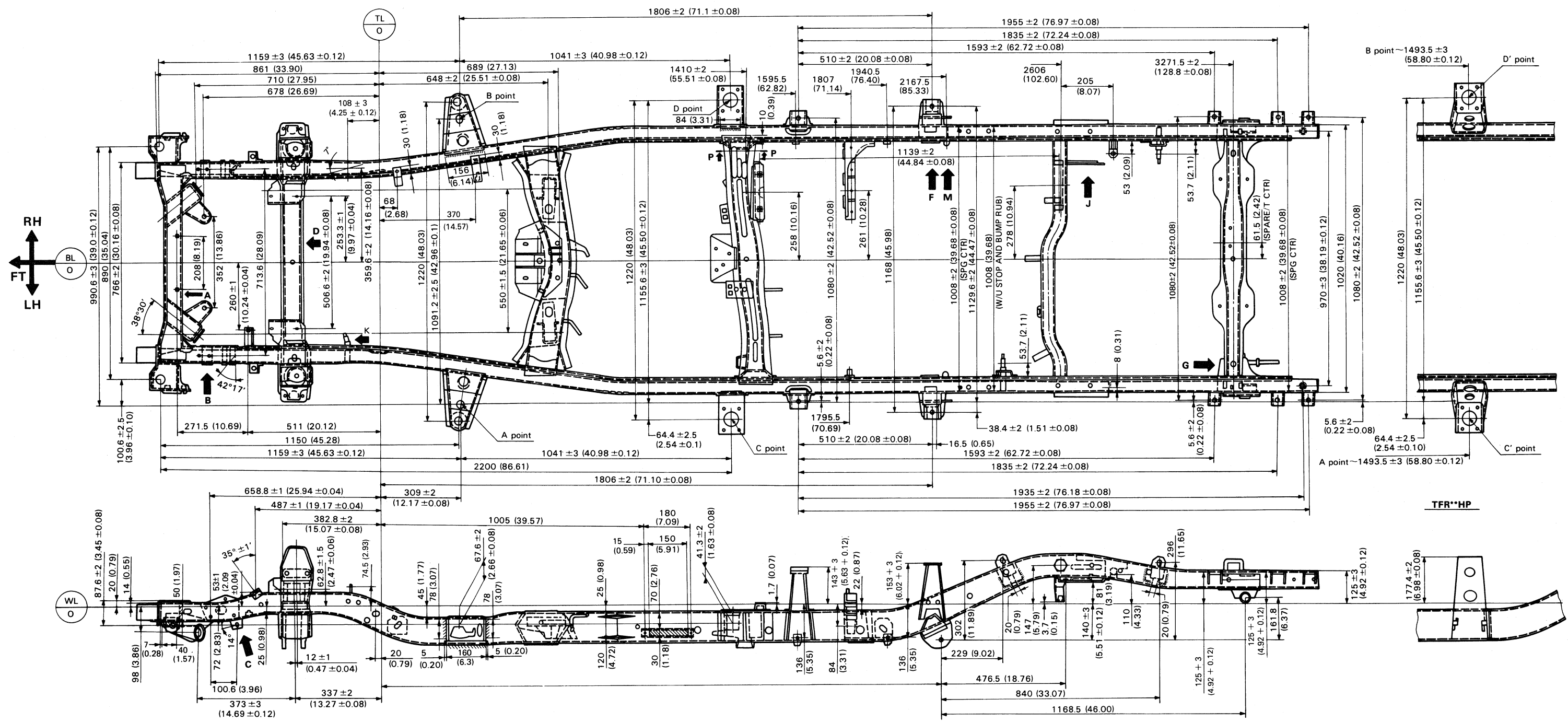
VIEW K

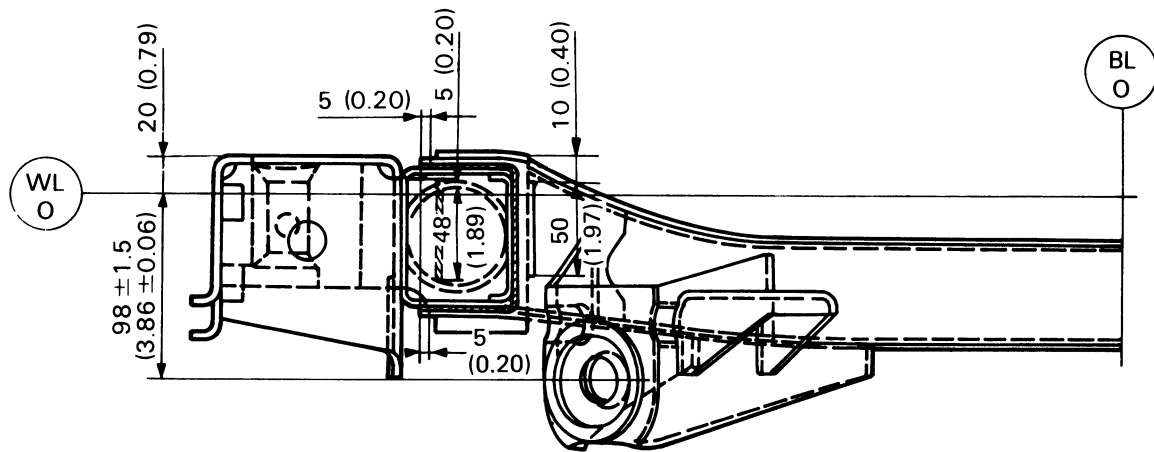


VIEW M

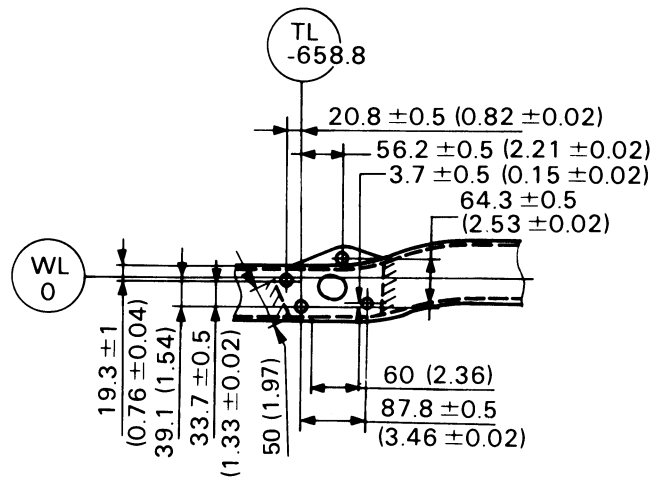
FRAME DIMENSIONS

(4 x 2, LONG WHEEL BASE MODEL)

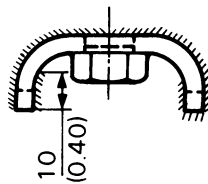




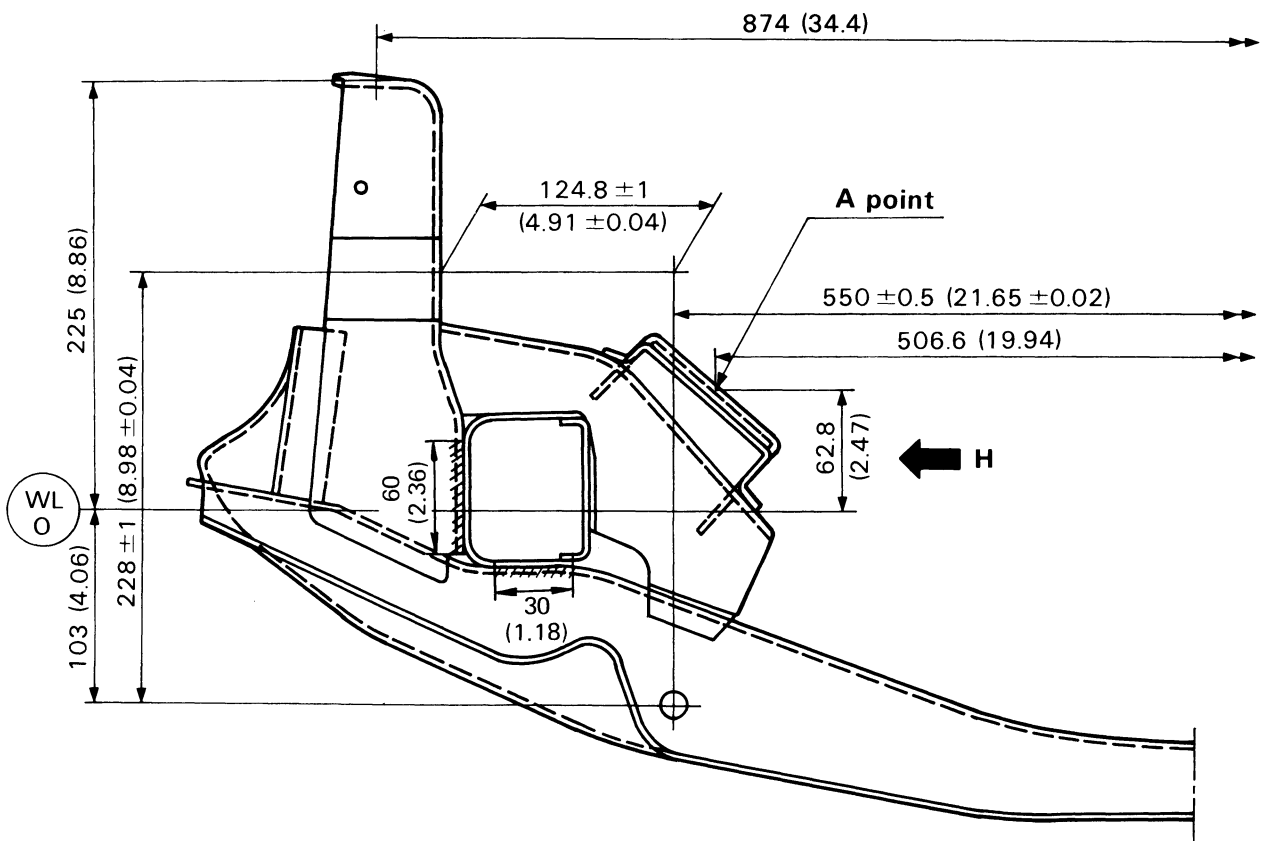
VIEW A



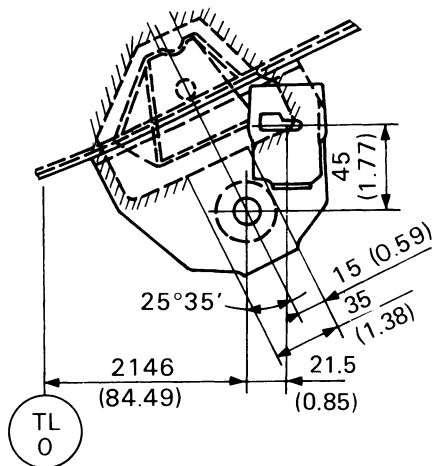
VIEW B



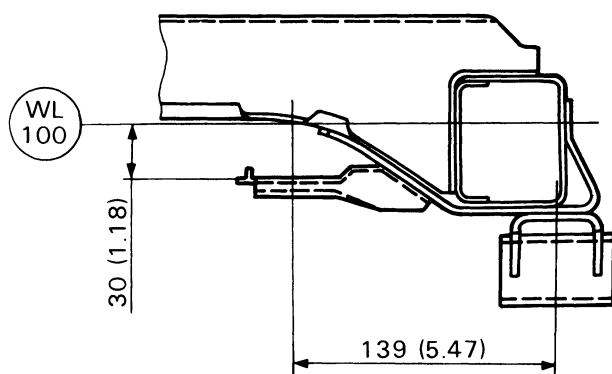
VIEW C



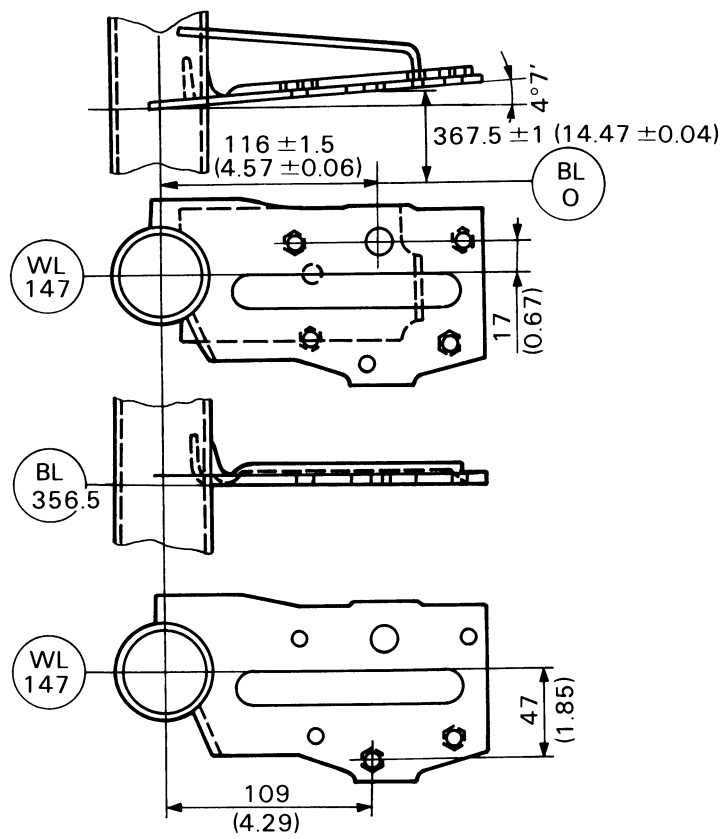
VIEW D



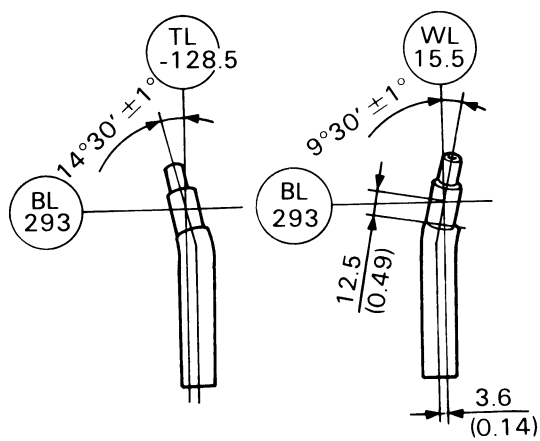
VIEW F



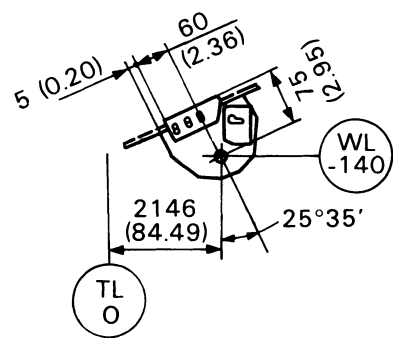
VIEW G



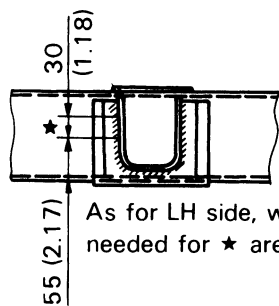
VIEW J



VIEW K



VIEW M



SECT P—P

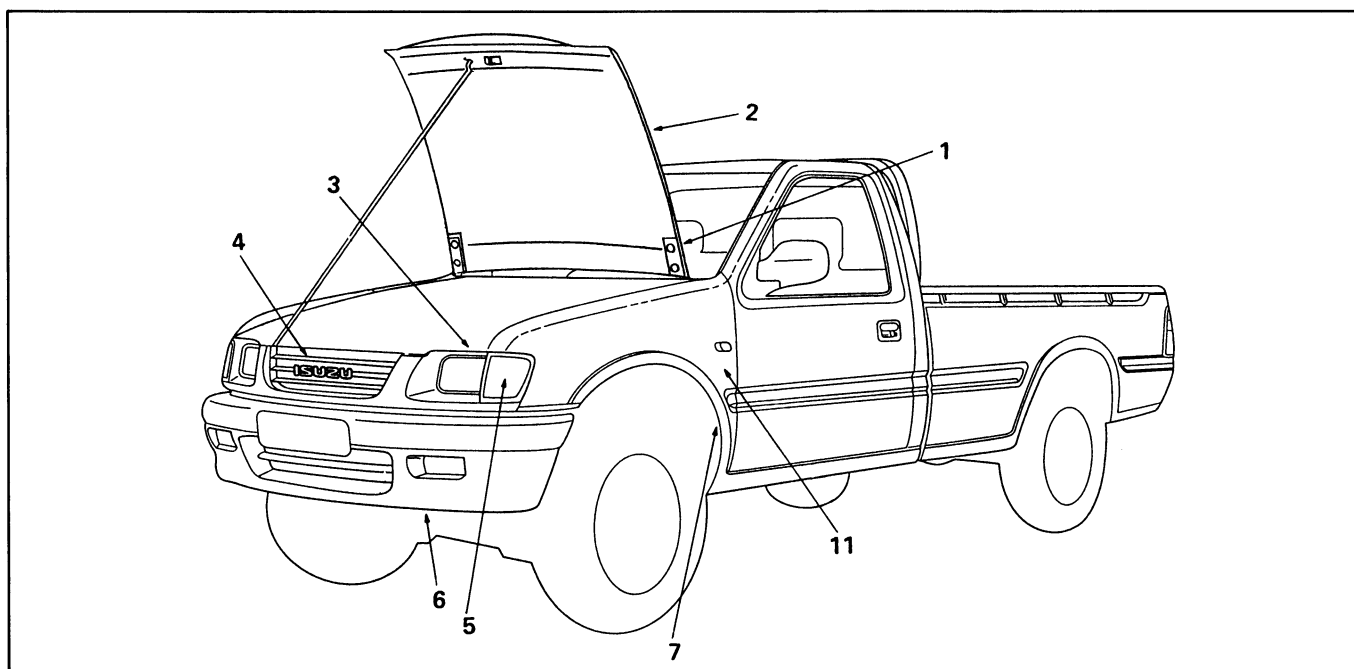
SECTION 2B

SHEET METAL

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Adjustment	2B - 4

REMOVAL AND INSTALLATION



Removal Steps

Engine Hood

- ▲ 1. Bolt
- 2. Engine hood assembly

Fender

- 3. Combination lamp connector
- ▲ 4. Radiator grille
- 5. Bumper assembly
- ▲ 6. Combination lamp
- ▲ 7. Inner liner
- 8. Steering lower cover or speaker grille
- 9. Antenna cable (Passenger side)
- 10. ECM box (Driver side)
- ▲ 11. Fender

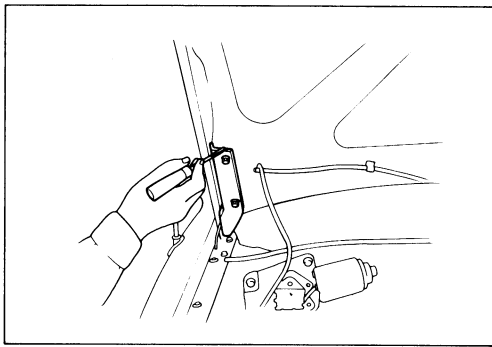
Installation Steps

Fender

- 11. Fender
- 10. ECM box (Driver side)
- 9. Antenna cable (Passenger side)
- 8. Steering lower cover or speaker grille
- 7. Inner liner
- 6. Combination lamp
- 5. Bumper assembly
- 4. Radiator grille
- 3. Combination lamp connector

Engine Hood

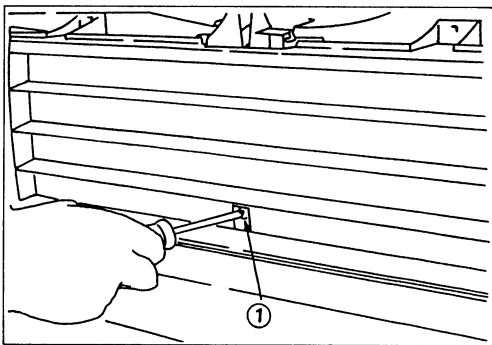
- 2. Engine hood assembly
- 1. Bolt



Important Operations — Removal

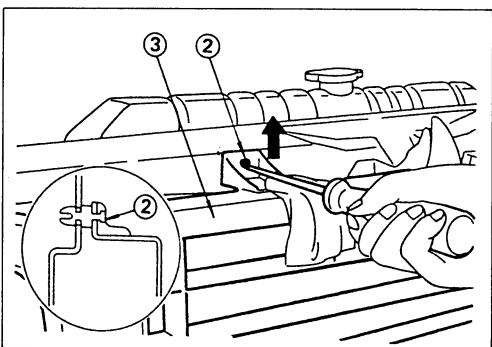
1. Bolt

Before removing the hinges from the engine hood, scribe a mark showing location of the hinges to facilitate installation in the original position.



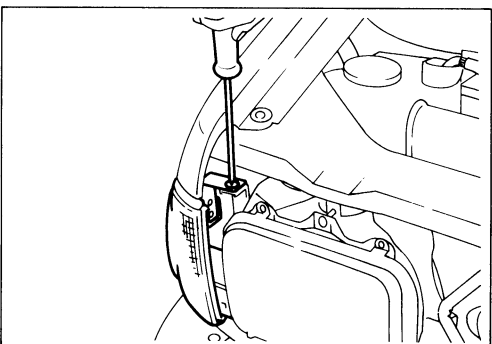
4. Radiator Grille

Remove the radiator grille center bolt (1).



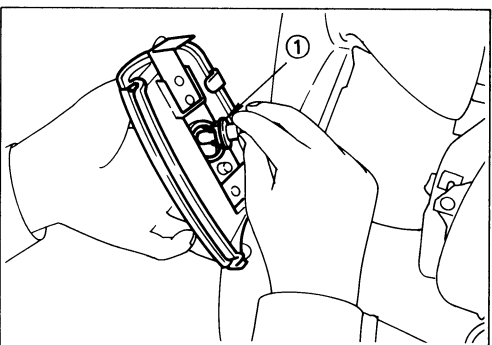
Use a screwdriver to raise the clip (2) and release the lock. Place a clean rag beneath the screwdriver tip to protect the body painted surfaces.

Remove the radiator grille (3).



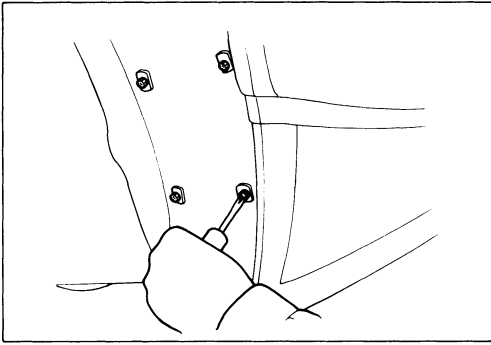
6. Combination Lamp

Remove the combination lamp fixing screws.



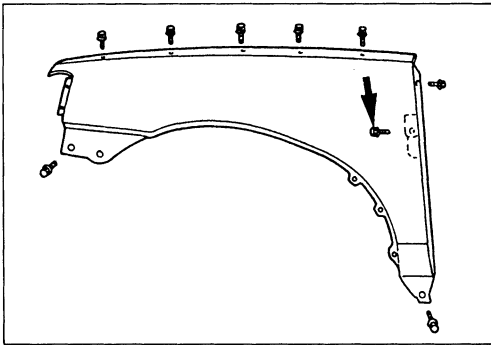
Turn the socket (1) counterclockwise to disconnect it from the marker light housing.

Pull the bulb from the socket.



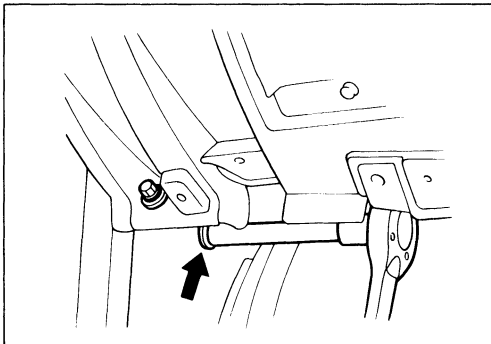
7. Inner Liner

Remove the inner liner fixing screws.



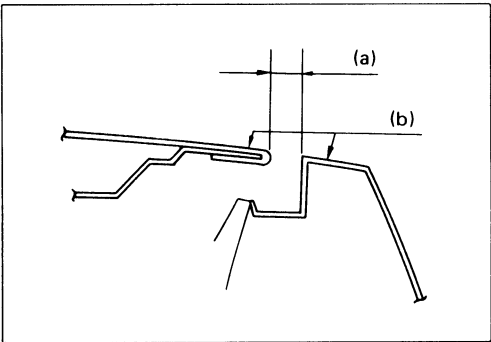
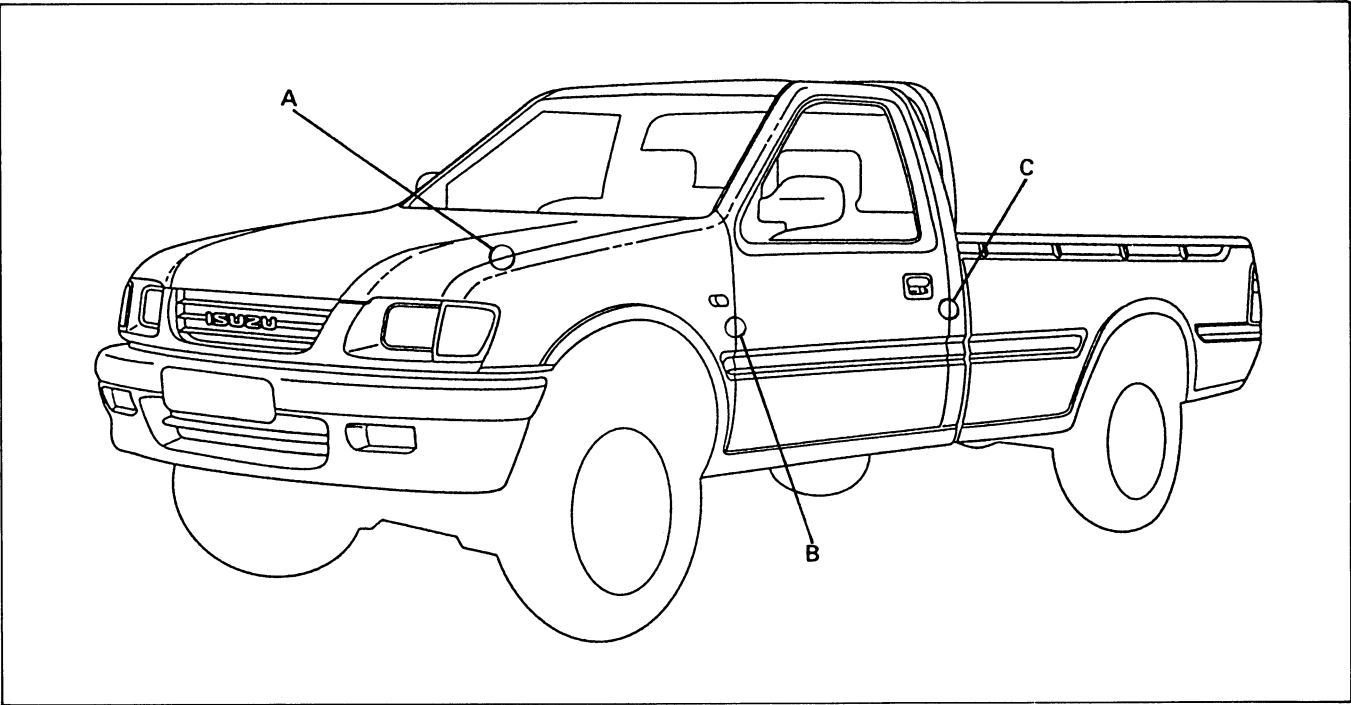
11. Fender

First, remove the bolt (See Illustration arrow mark) from the inside of the car.





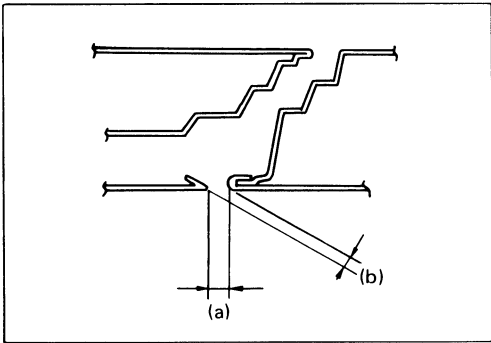
ADJUSTMENT



A. Check the Engine Hood and Fender

	mm(in.)
Clearance (a)	4 (0.157)
Height (b)	Flush

Adjust the clearance (a) with the hinges on the engine hood.
Adjust the step (b) with the hood rests.



B. Check the Fender and Door

C. Check the Door and Body

D. Check the Front Door and Rear Door

	mm(in.)
Clearance (a)	5.5 (0.217)
Height (b)	Flush

Adjust clearance (a) with door hinges.
Adjust the step (b) by tapping on the fender lightly with a rubber hammer.

