

Nissan Y60 Patrol



Body Dimensions and Specifications



The Nissan GQ Patrol range has been substantially upgraded for 1992. It includes the TI, the ST wagon, ST and DX hardtops with a DX diesel option, ST3, DX, Cab Chassis and Pick Up.

A new 4.2 litre petrol engine with multipoint fuel injection features the Nissan Electronically Concentrated engine Control System (ECCS) and is available in both the TI and ST wagons.

Complementing this increased power are larger front disc brakes,

alloy road wheels and low profile tyres.

A sophisticated engine management system allows computer diagnosis for easier servicing. Transmissions have also been improved with double cone synchromesh on 2nd and 3rd gears and a revised shift mechanism. The transmission used in the Patrol EFi wagon and diesel hardtops and wagons have been revised with new ratios for more usable torque and better acceleration.

The automatic transmission has also been refined by adding an oil cooler and larger, electronically controlled torque converter. With a choice of power, auto and hold shift patterns, the transmission can be set for either power, economy or conventional motoring.

Patrol's legendary four-coil spring suspension has also been refined giving a superb balance between off-road capability and on-road comfort. Despite these improvements, the system still has fewer moving parts for reduced wear and tear and greater reliability.

In addition Nissan has upgraded the Patrol's two sided Durasteel protection and paintwork process.

To ensure the high build quality of your customer's vehicle is maintained, use only Nissan Genuine Panels when repairing Y60 Patrols.

VEHICLE BODY REPAIR INFORMATION
PREPARED IN CONJUNCTION WITH THE
V.A.C.C. TECHNICAL DEPARTMENT

VACC
**BODY
TECH**

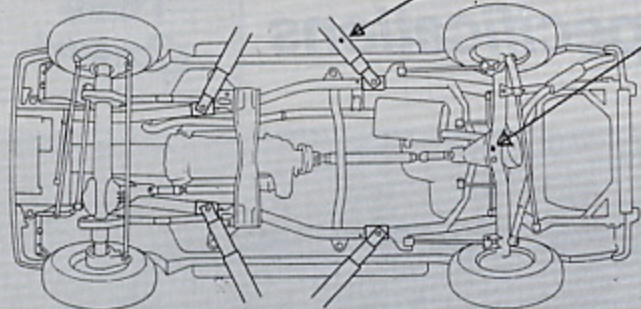
NISSAN
GENUINE PARTS

JACKING POINTS

Station Wagon

HOIST & SAFETY STAND POINT

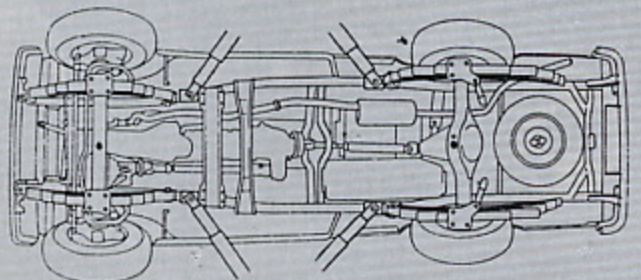
JACKING POINT
(REAR)



WHEEL ALIGNMENT

	WAGON	HARDTOP	PICK-UP
CASTER	+2°5' ± 3°5'	+2°20' ± 3°20'	+2°50' ± 3°50'
CAMBER	0° ± 1°	0° ± 1°	0° ± 1°
TOE-IN			
205/80R16			
RADIAL	0-2mm	0-2mm	0-2mm
7.50R16 BIAS	1-3mm	1-3mm	1-3mm
TOE-OUT			
INSIDE	30°-32°	30°-32°	28°-30°
OUTSIDE	27°-29°	27°-29°	28°-30°
K.P.I.	7°-8°	7°-8°	7°-8°
WHEEL BASE	2970mm	2400mm	2970mm
TRACK — FRONT	1530mm	1530mm	1435mm
— REAR	1535mm	1535mm	1405mm

Pickup



HEADLIGHT AIMING

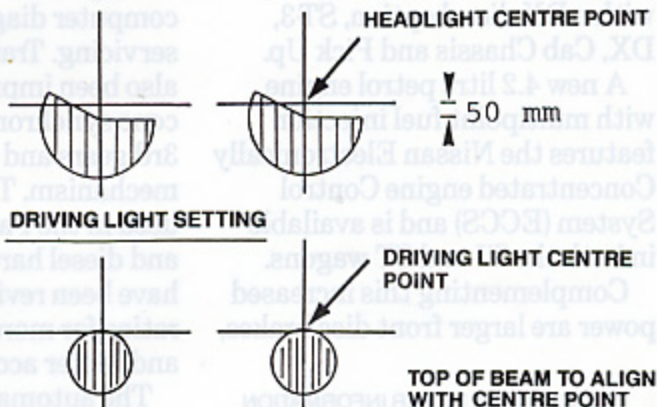
The headlights employed in the Patrol require only the low beam to be used to check and adjust the beam.

To do this, the headlights should be five metres from the aiming screen, with the correct air pressure in the tyres and a full tank of fuel.

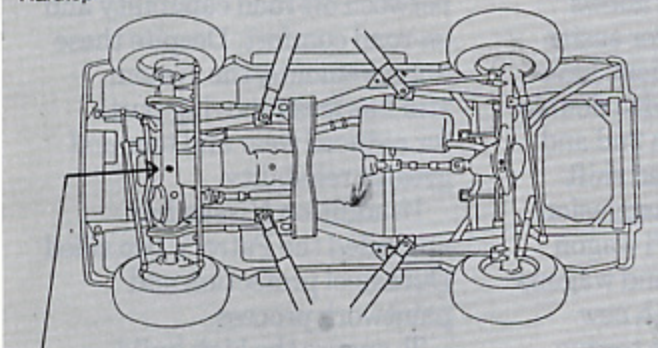
Refer to the diagram for beam details.

If driving lights are fitted, the top of the light's intensity spot should align with the driving light's centre mark on the screen.

LOW BEAM SETTING



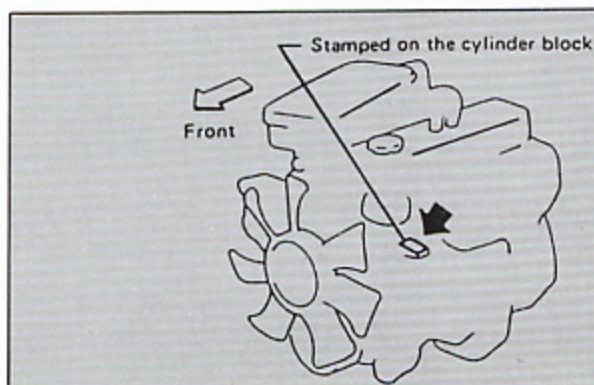
Hardtop



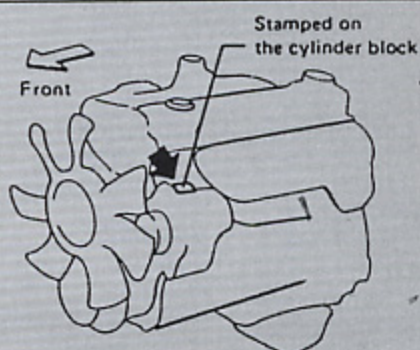
JACKING POINT
(FRONT)

ENGINE NUMBER

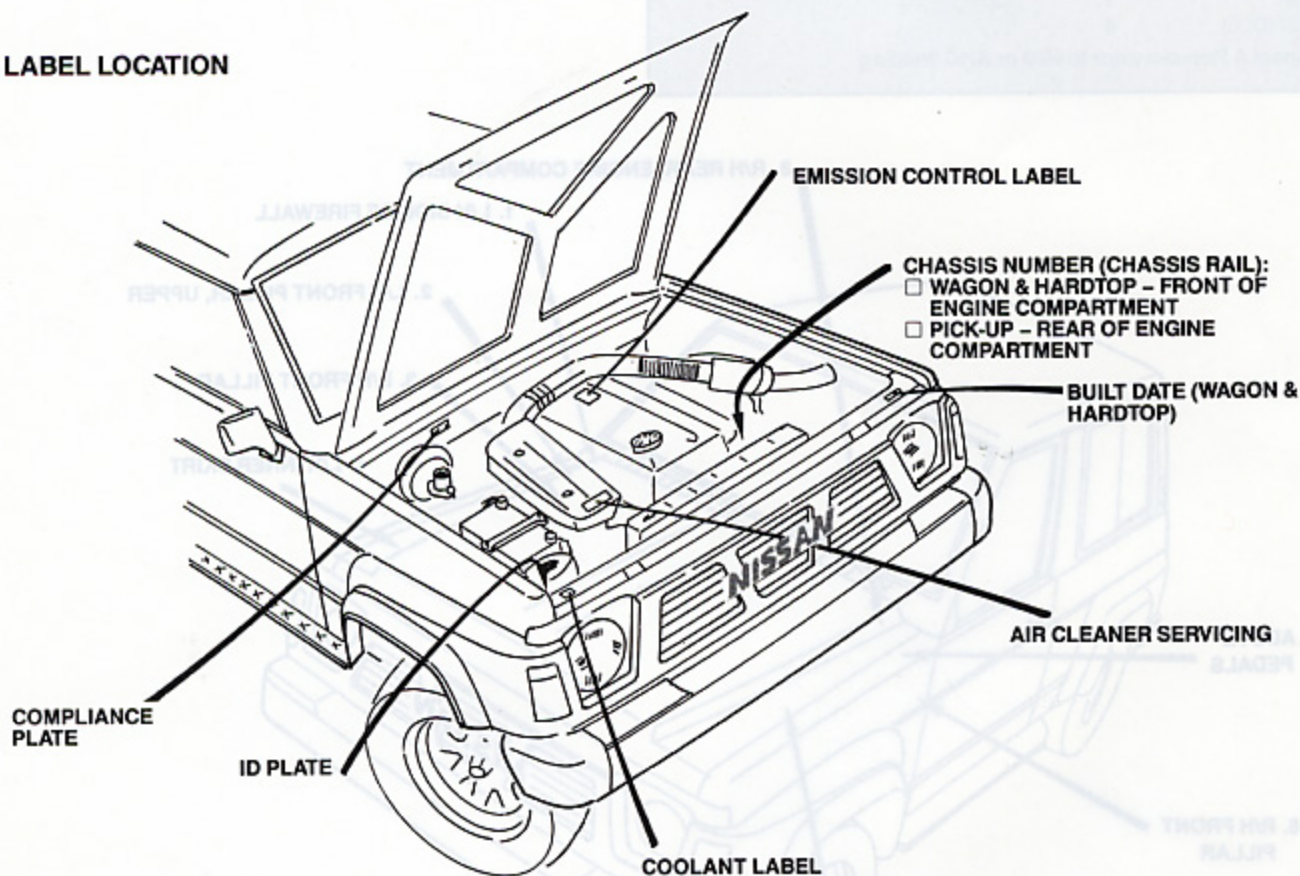
PETROL ENGINE



DIESEL ENGINE



LABEL LOCATION



TYRE PLACARD



DIFF LOCK & SUNROOF LABELS

RELAYS

POWER	2
HORN	5
AIR CONDITIONER	5
REAR AIR CONDITIONER	5
BULB CHECK	5
AUTOMATIC CHOKE	5
INHIBITOR	5
WIPER	5
NEUTRAL INDICATOR	5
STARTER (D)	5
GLOW (D)	5
ACCESSORY	6
BLOWER FAN	6
IGNITION	6

SOLENOIDS

DIFF LOCK	1
FICD (FAST IDLE)	8

CONTROL UNITS

AUTO TRANSMISSION*	3
GLOW CONTROL	6
INJECTION PUMP	5

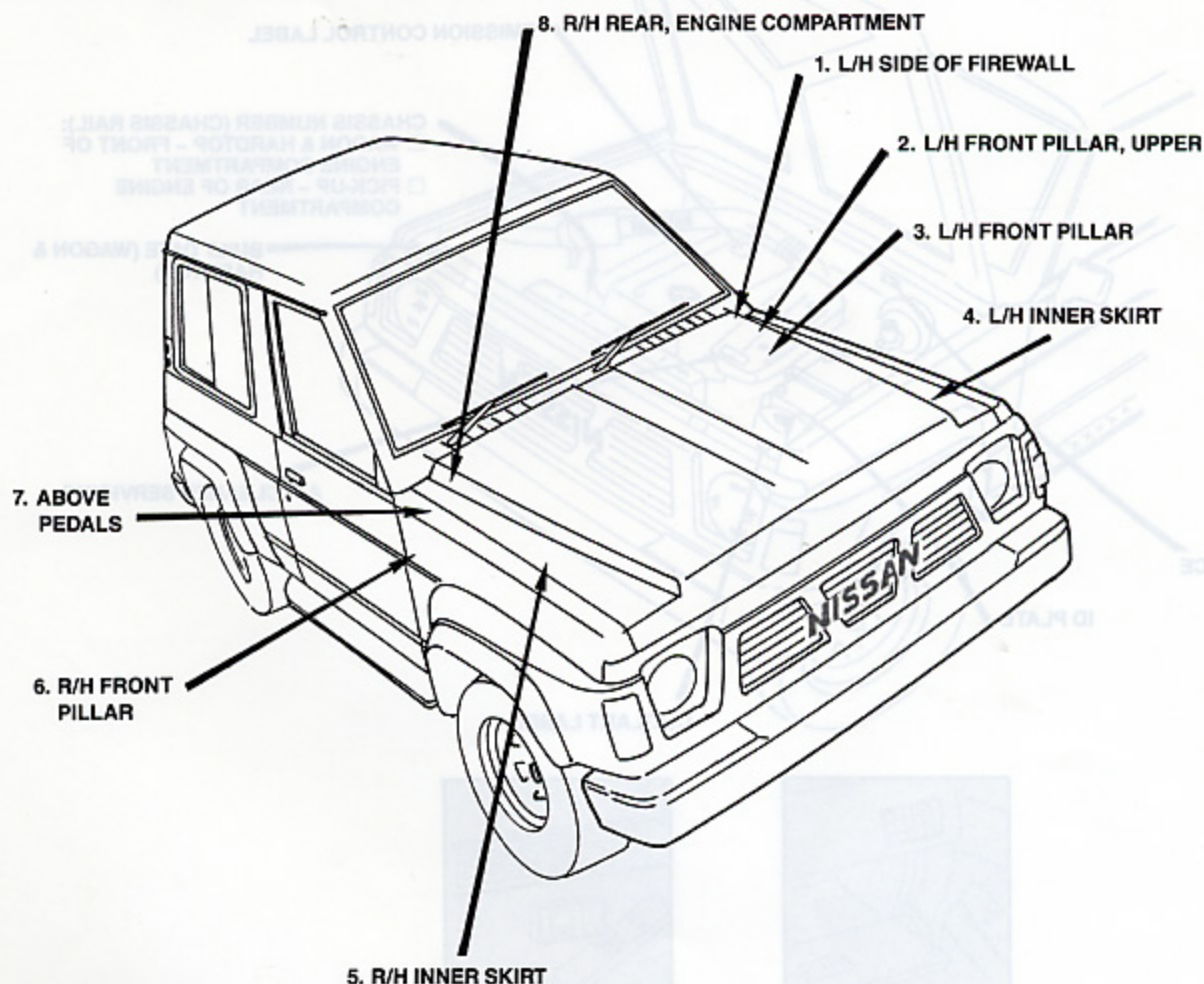
FUSES

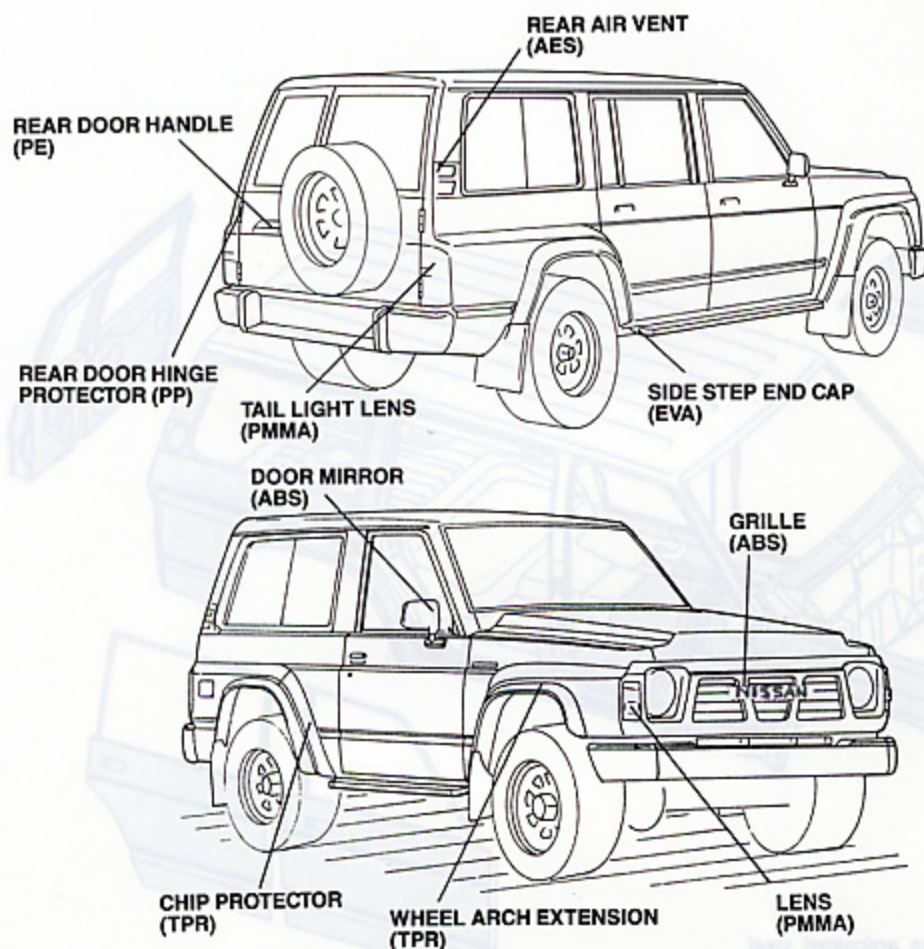
FUSE BLOCK	6
FUSIBLE LINKS	5
CIRCUIT BREAKER	2

GENERAL

DOOR LOCK TIMER	2
RESISTOR	5
WINDSCREEN WIPER AMPLIFIER	5
FLASHER UNIT	7
REAR WIPER AMPLIFIER	8
DROPPING RESISTOR (D)	8

* = Disconnect & Remove prior to MIG or ARC Welding



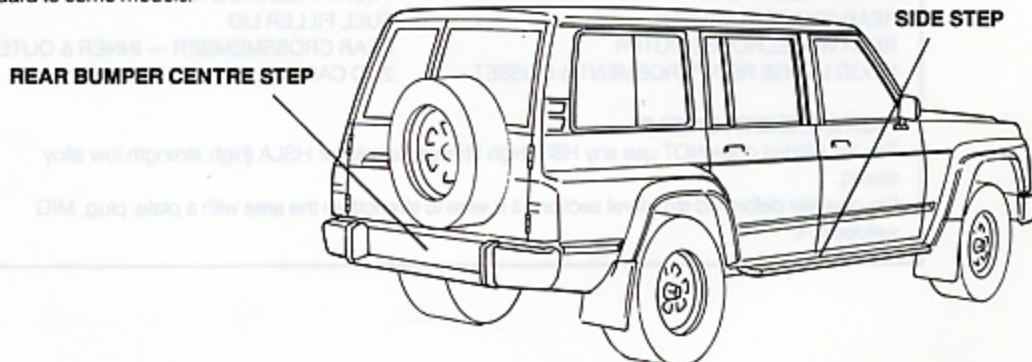


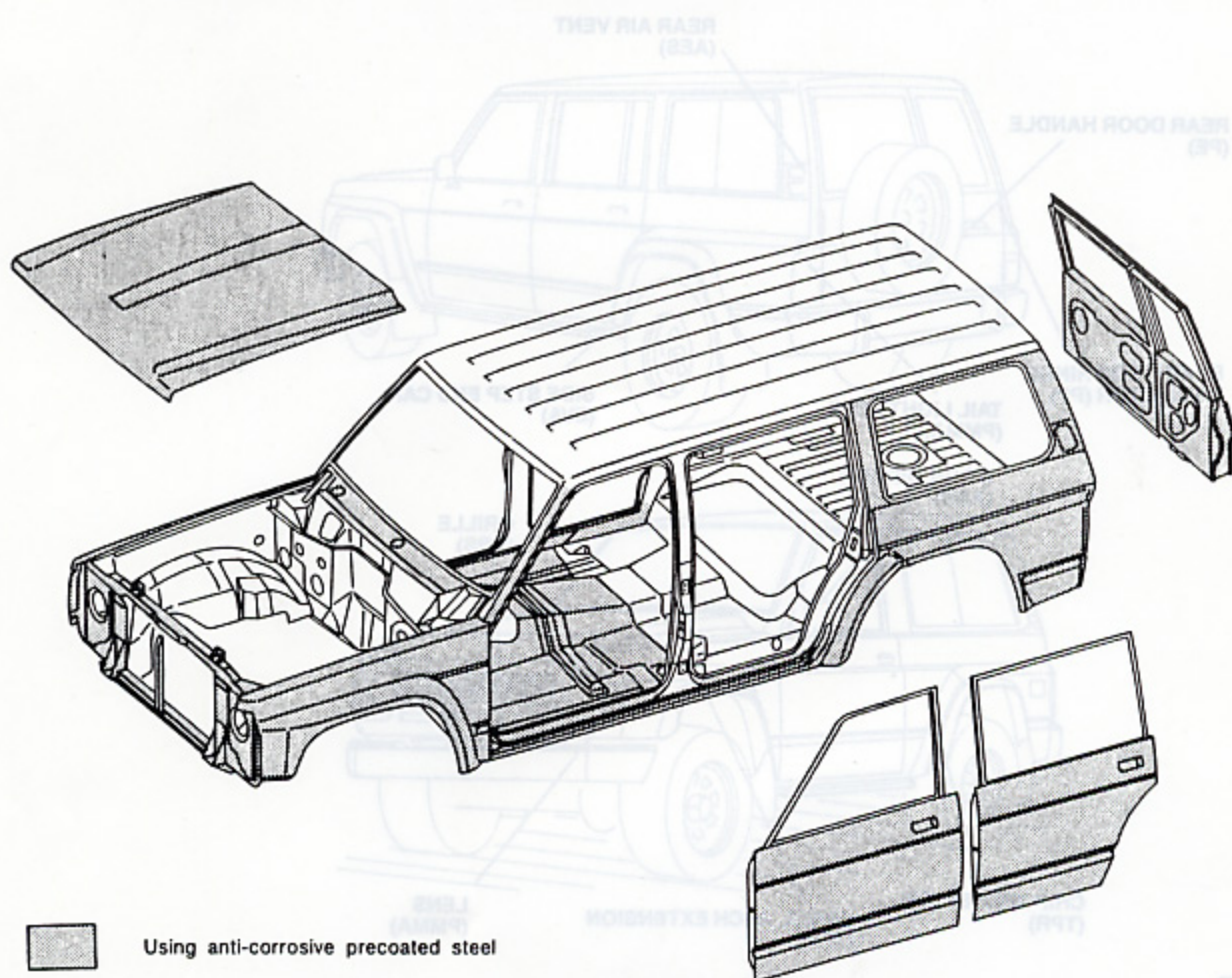
LEGEND

- ABS** = ACRYLONITRILE BUTADIEN STYRENE RESIN
- AES** = ACRYLONITRILE ETHYLENE RUBBER STYRENE RESIN
- EVA** = ETHYLENE
- PE** = POLYETHYLENE
- PMMA** = POLYMETHYL METHACRYLIC ACRYLATE
- PP** = POLYPROPYLENE
- TPR** = THERMOPLASTIC RUBBER (EPDM)

ALUMINIUM PARTS

These parts are fitted standard to some models.





Using anti-corrosive pre-coated steel

PARTS

BONNET — INNER & OUTER
COWL PANEL
FRONT DOOR OUTER
TAIL GATE DOOR OUTER
FRONT FLOORPLAN
REAR QUARTER PANELS
REAR WHEELHOUSE OUTER
HOOD LEDGE REINFORCEMENT & GUSSET

RADIATOR SUPPORT PANEL
FRONT GUARDS
REAR DOOR OUTER
SILL PANEL — INNER & OUTER
FRONT PILLAR OUTER
FUEL FILLER LID
REAR CROSSMEMBER — INNER & OUTER
2ND CAB MOUNTING BRACKET

HIGH STRENGTH STEELS

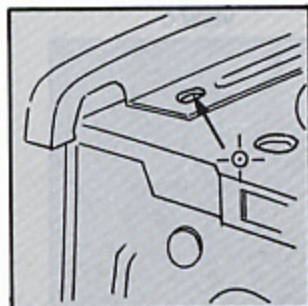
The Y60 Patrol does NOT use any HSS (high strength steels) or HSLA (high strength low alloy steels).

For severely deformed structural sections it is wise to strengthen the area with a plate, plug, MIG welded to it.

BODY DIMENSIONS

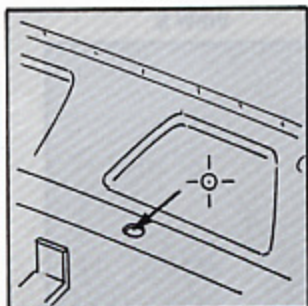
ENGINE COMPARTMENT — WAGON/HARD TOP

VIEW A



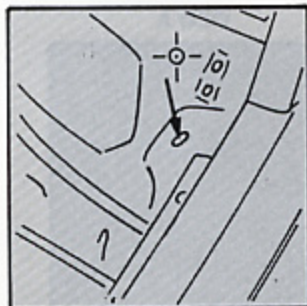
CENTRE, FRONT HOLE, GUARD MOUNT

VIEW B

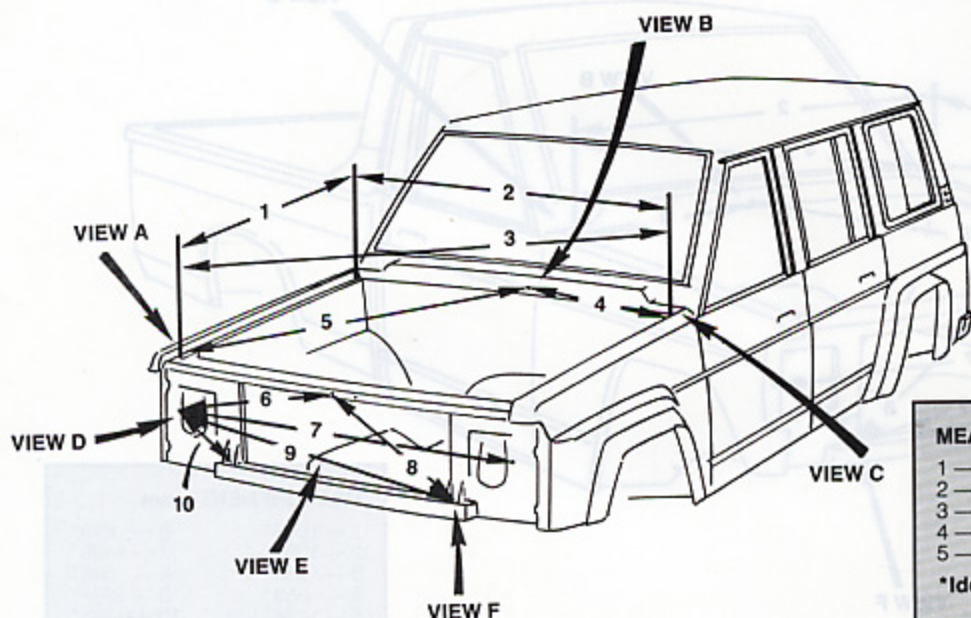


CENTRE, CLIP MOUNT HOLE, CENTRE OF VEHICLE, PLENUM CHAMBER

VIEW C



CENTRE, HOLE, SIDE OF PLENUM CHAMBER

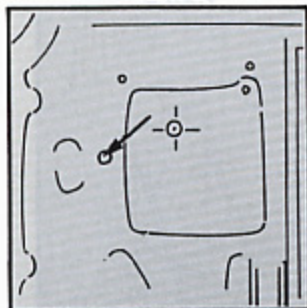


MEASUREMENTS

1 — 1018*	6 — 677*
2 — 1300	7 — 1440
3 — 1691*	8 — 646*
4 — 659*	9 — 1195*
5 — 1286*	10 — 344*

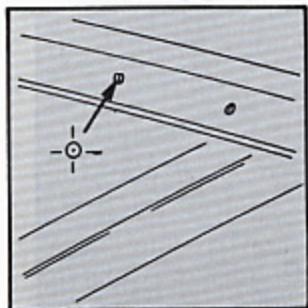
*Identical opposite

VIEW D



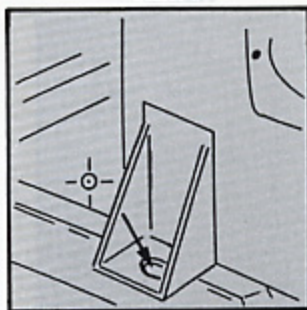
CENTRE, HEADLAMP ADJUSTING SCREW HOLE.

VIEW E



CENTRE, BONNET LOCK SUPPORT HOLE, RADIATOR SUPPORT. USE OPPOSITE HOLE FOR OPPOSITE MEASUREMENT.

VIEW F



CENTRE, BODY MOUNTING HOLE, RADIATOR SUPPORT.

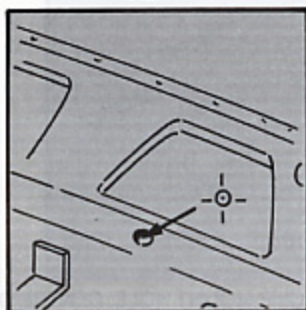
ENGINE COMPARTMENT — PICK UP/CAB CHASSIS

VIEW A



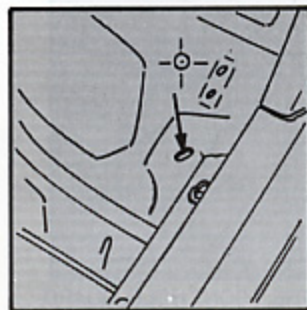
CENTRE, FRONT HOLE, GUARD MOUNT

VIEW B

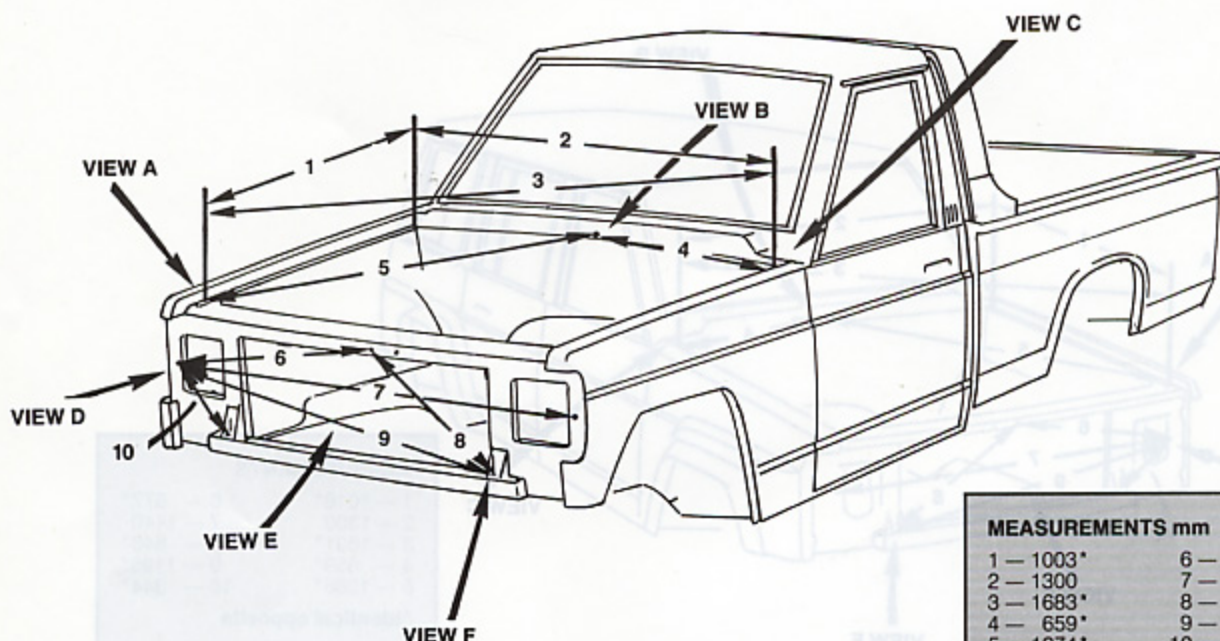


CENTRE, CLIP MOUNT HOLE, CENTRE OF VEHICLE, PLENUM CHAMBER

VIEW C



CENTRE, HOLE, SIDE OF PLENUM CHAMBER

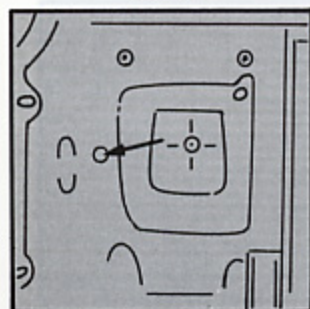


MEASUREMENTS mm

1 — 1003*	6 — 698*
2 — 1300	7 — 1496
3 — 1683*	8 — 646*
4 — 659*	9 — 1227*
5 — 1274*	10 — 381*

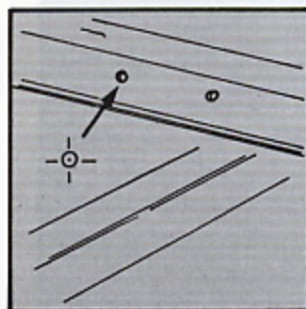
*Identical opposite

VIEW D



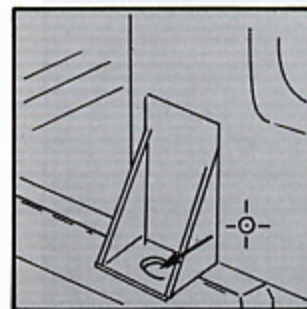
CENTRE, HEADLAMP ADJUSTING SCREW HOLE

VIEW F



CENTRE, BONNET LOCK SUPPORT HOLE, RADIATOR SUPPORT. USE OPPOSITE HOLE FOR OPPOSITE MEASUREMENT.

VIEW E



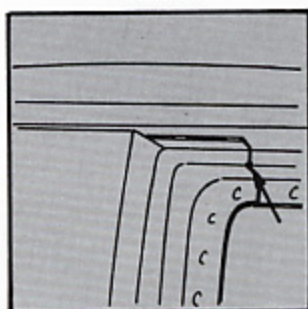
CENTRE, BODY MOUNTING HOLE, RADIATOR SUPPORT.

FRONT DOOR OPENING — ALL

MEASUREMENTS

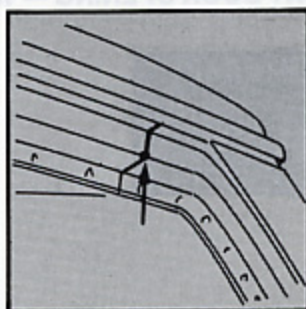
- 1 = 1047mm
- 2 = 1160mm
- 3 = 1443mm
- 4 = 1230mm

VIEW A

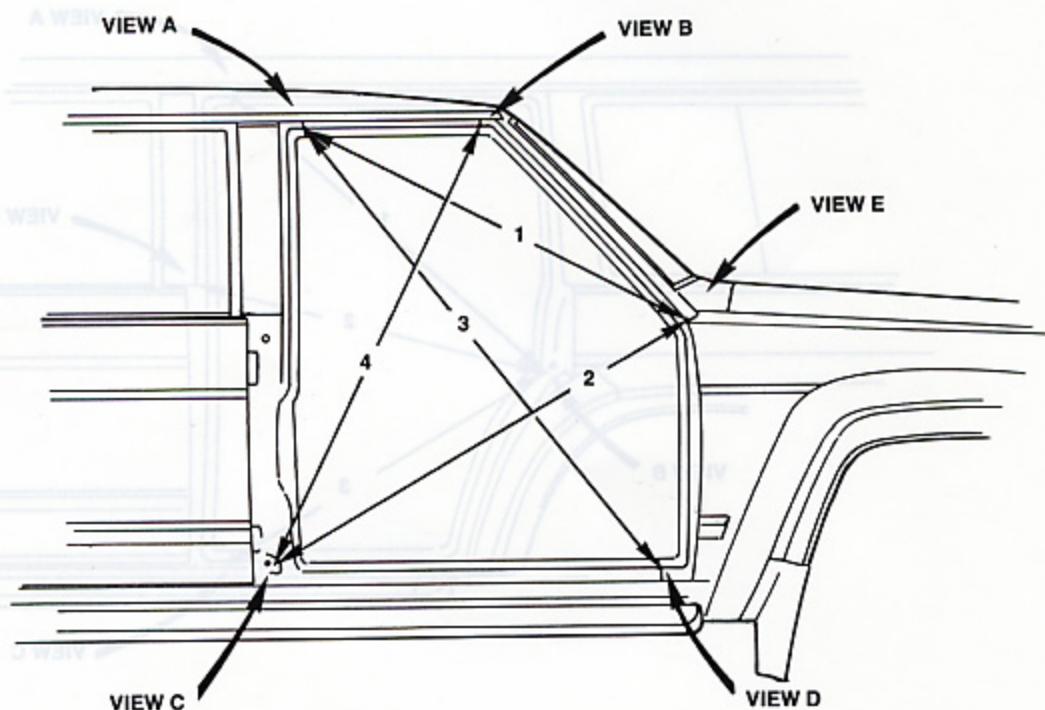


SEAM JOIN, ROOF RAIL TO PILLAR

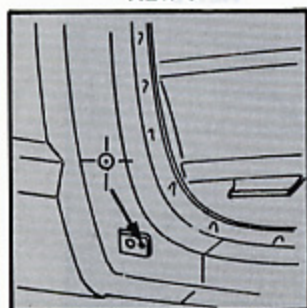
VIEW B



SEAM JOIN, ROOF RAIL TO PILLAR

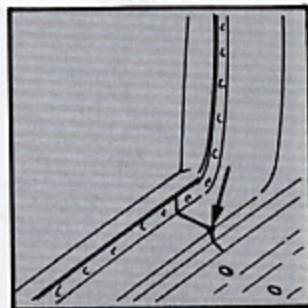


VIEW C



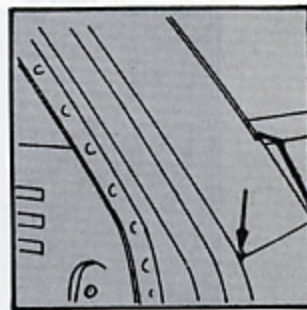
CENTRE, DOOR LIGHT SWITCH
SCREW HOLE

VIEW D



SEAM JOIN, SILL PANEL TO PILLAR

VIEW E



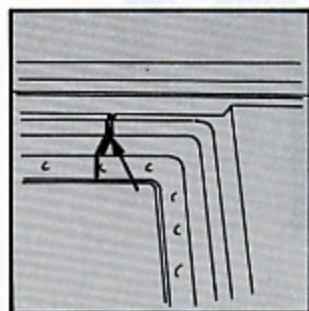
REAR EDGE, WAISTLINE PRESSING
LINE

FRONT DOOR OPENING — WAGON

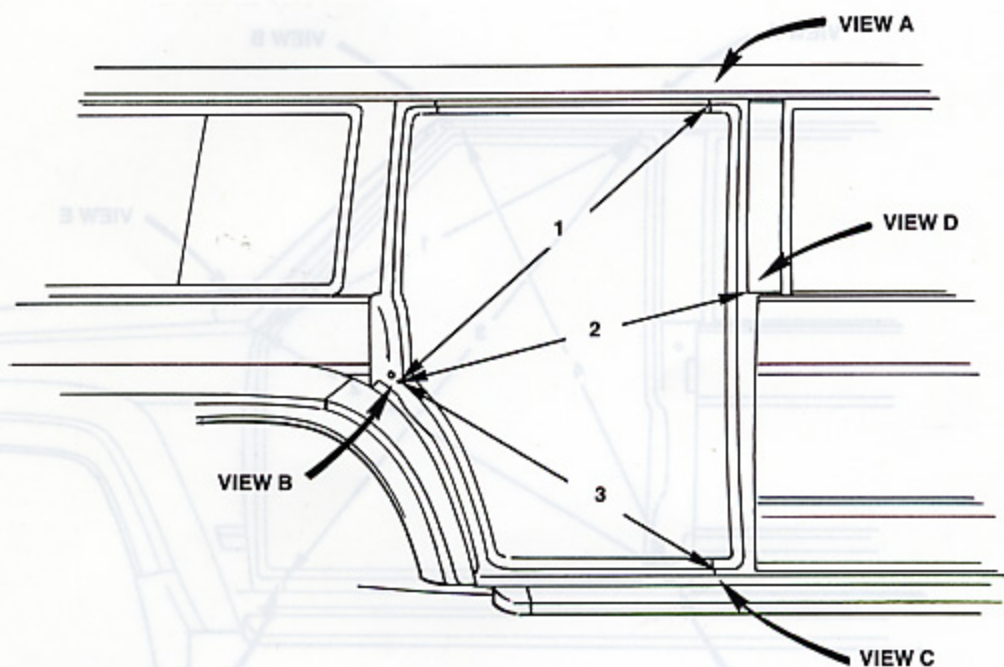
MEASUREMENTS

- 1 = 1087mm
- 2 = 900mm
- 3 = 872mm

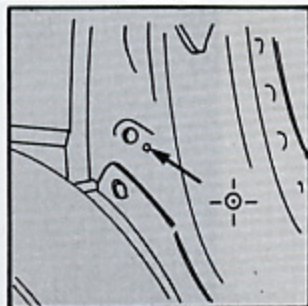
VIEW A



SEAM JOIN, ROOF RAIL TO PILLAR

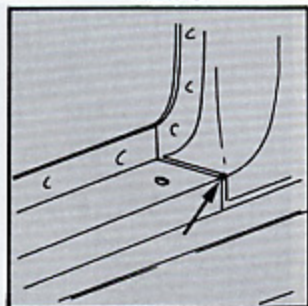


VIEW B



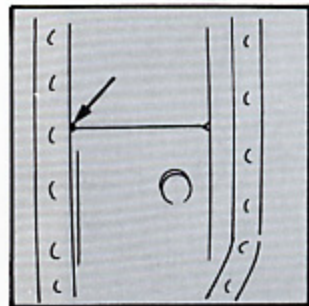
CENTRE, DOOR LIGHT SWITCH
SCREW HOLE

VIEW C



SEAM JOIN, SILL PANEL TO PILLAR

VIEW D

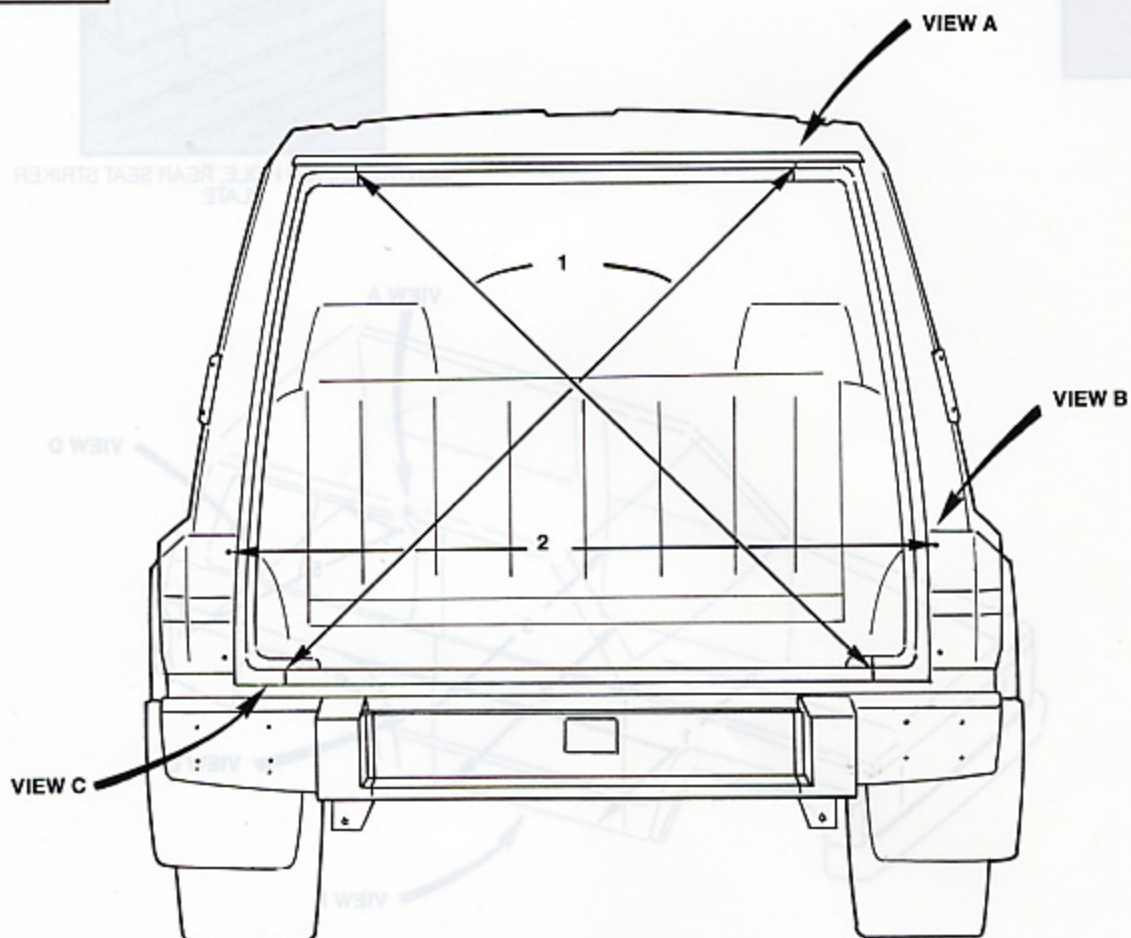


REAR EDGE, WAISTLINE PRESSING
LINE

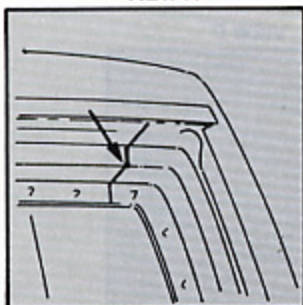
REAR DOOR OPENING — WAGON/HARDTOP

MEASUREMENTS

- 1 = 1570mm
2 = 1479mm

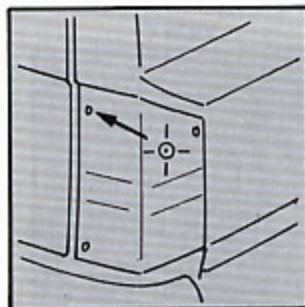


VIEW A



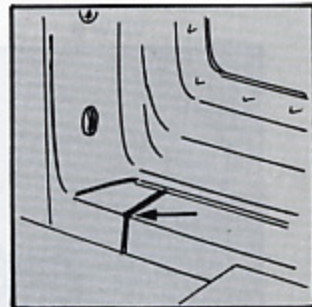
SEAM JOIN, ROOF RAIL TO PILLAR

VIEW B



CENTRE, TAIL LIGHT TOP, INNER HOLE

VIEW C

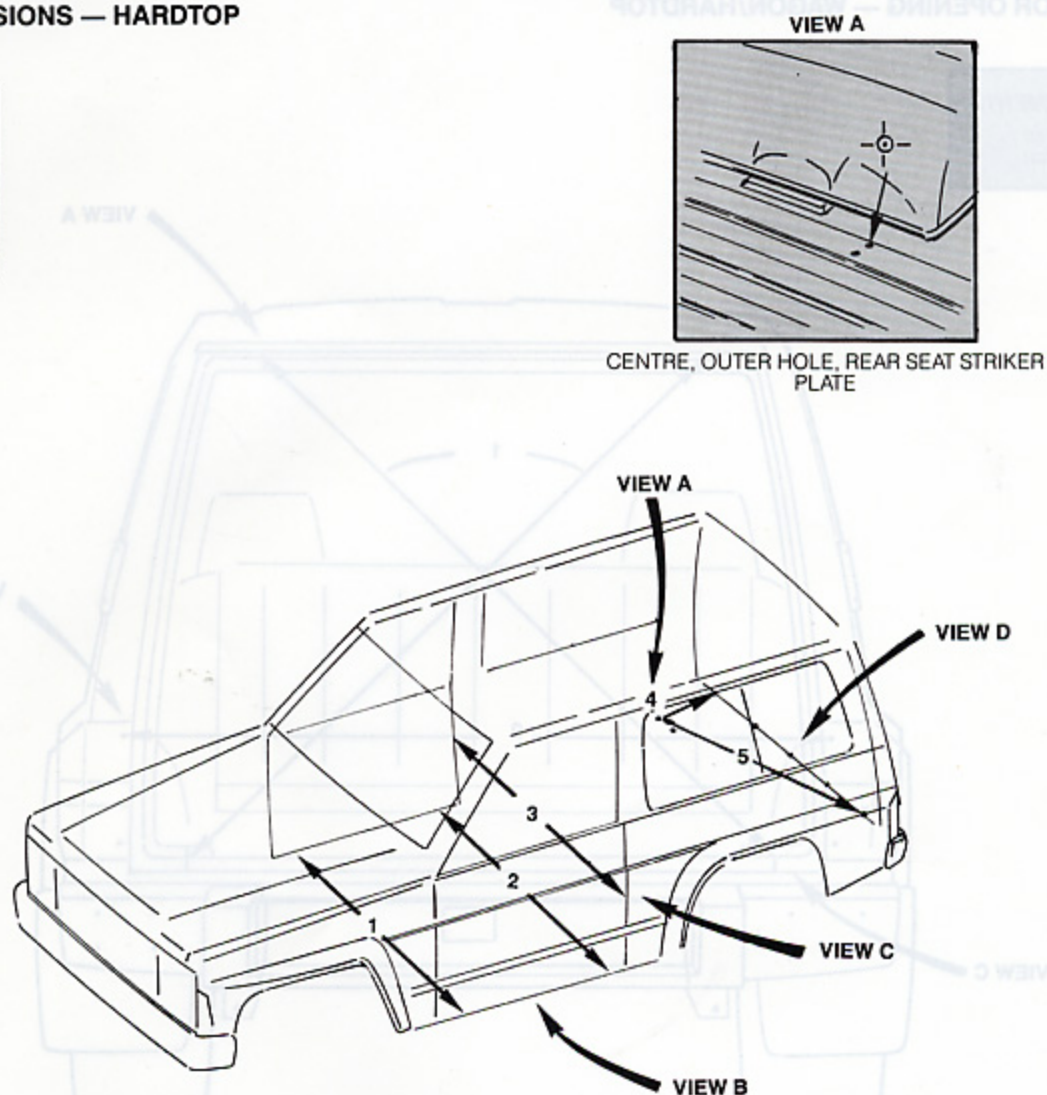


SEAM JOIN, REAR PANEL TO PILLAR

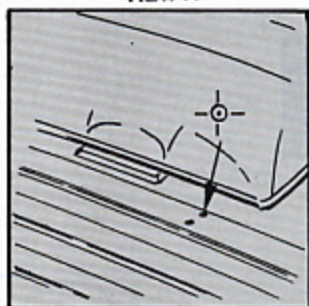
INTERIOR DIMENSIONS — HARDTOP

MEASUREMENTS

- 1 = 1485mm
- 2 = 1485mm
- 3 = 1492mm
- 4 = 657mm
- 5 = 855mm



VIEW A



CENTRE, OUTER HOLE, REAR SEAT STRIKER PLATE

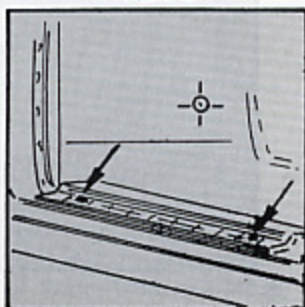
VIEW A

VIEW D

VIEW C

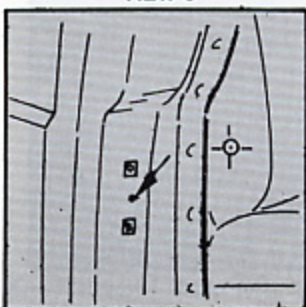
VIEW B

VIEW B



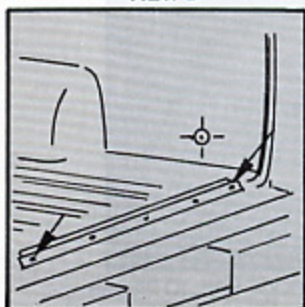
CENTRE, FRONT OR REAR OUTER SCUFF PLATE HOLES

VIEW C



CENTRE, HOLE BEHIND DOOR STRIKER PLATE

VIEW D



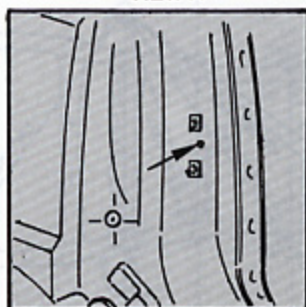
CENTRE, END SCUFF PLATE HOLES

INTERIOR DIMENSIONS — WAGON

MEASUREMENTS

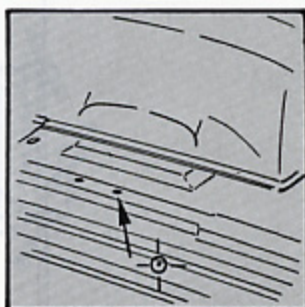
- 1 = 1485mm
- 2 = 1485mm
- 3 = 1492mm
- 4 = 1485mm
- 5 = 1498mm
- 6 = 576mm
- 7 = 724mm
- 8 = 1078mm

VIEW A

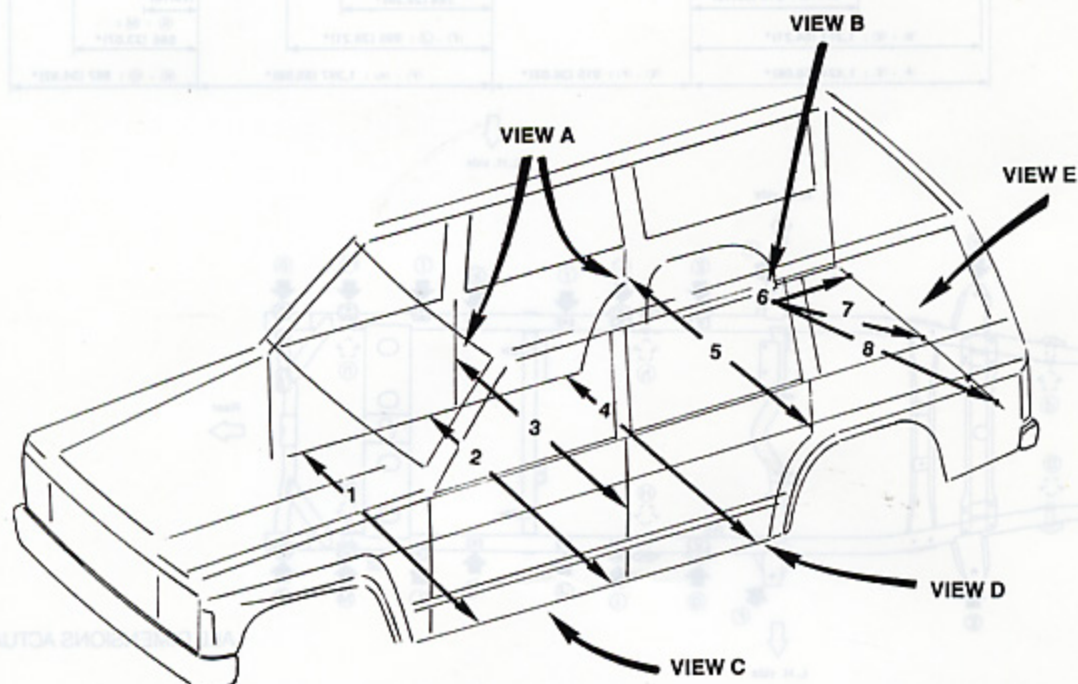


CENTRE, HOLE BEHIND DOOR STRIKER PLATE

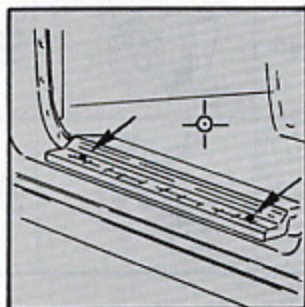
VIEW B



CENTRE, REAR HOLE, THIRD SEAT MOUNTING

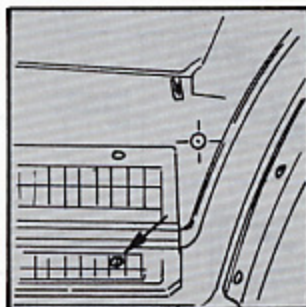


VIEW C



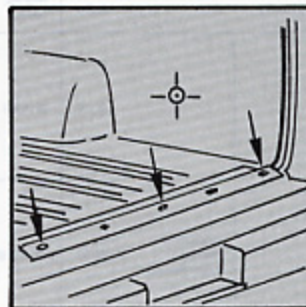
CENTRE, FRONT OR REAR OUTER SCUFF PLATE HOLES

VIEW D



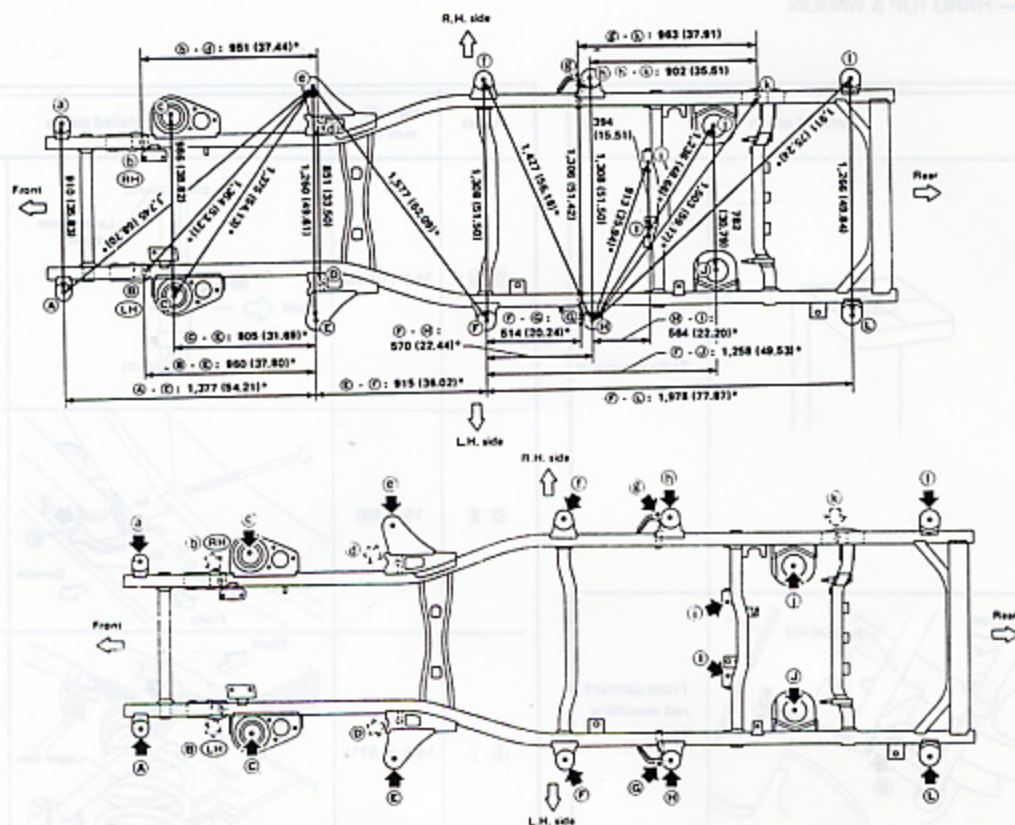
CENTRE, REAR OUTER SCUFF PLATE HOLE

VIEW E

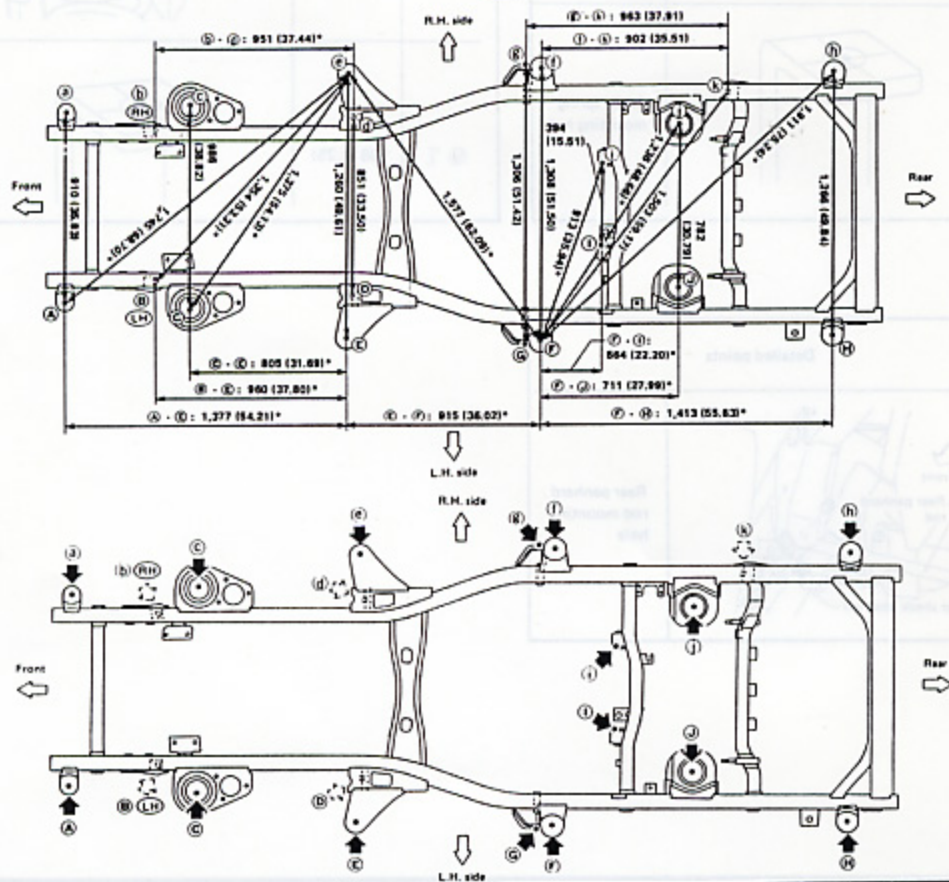


CENTRE, REAR SCUFF PLATE END & CENTRE HOLES

WAGON


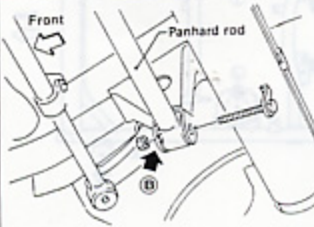



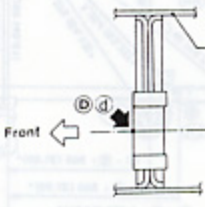
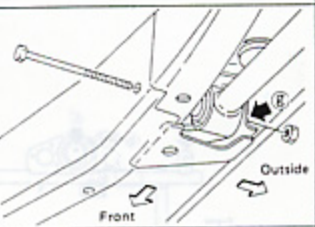
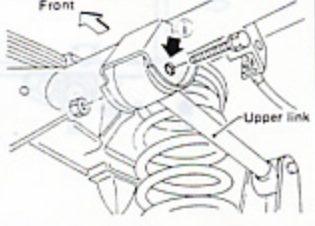
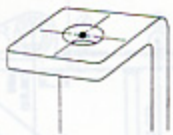
HARDTOP

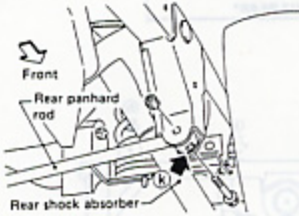


ALL DIMENSIONS
ACTUAL

MEASURING POINTS — HARD TOP & WAGON

Points	Hole dia. mm (in)	Detailed points
(A) (3)	34 (1.34)	 <p>Body mounting hole</p>
(E) (3)	34 (1.34)	
(F) (1)	32 (1.26)	
(H) (h)	32 (1.26)	
(L) (1)	32 (1.26)	 <p>Front panhard rod mounting hole</p>
(B) : (LH) (b) : (RH)	14 (0.55)	
(C) (C)	11 (0.43)	 <p>Front spring mounting hole</p>

Points	Hole dia. mm (in)	Detailed points
(D) (d)	38.3 (1.508)	 <p>Leading arm mounting hole</p>
(G) (g)	15 (0.59)	 <p>Lower link mounting hole</p>
(I) (1)	14.5 (0.571)	 <p>Upper link mounting hole</p>
(J) (1)	108 (4.25)	 <p>Rear spring mounting hole</p>

Points	Hole dia. mm (in)	Detailed points
(K)	14.5 (0.571)	 <p>Rear panhard rod mounting hole</p>