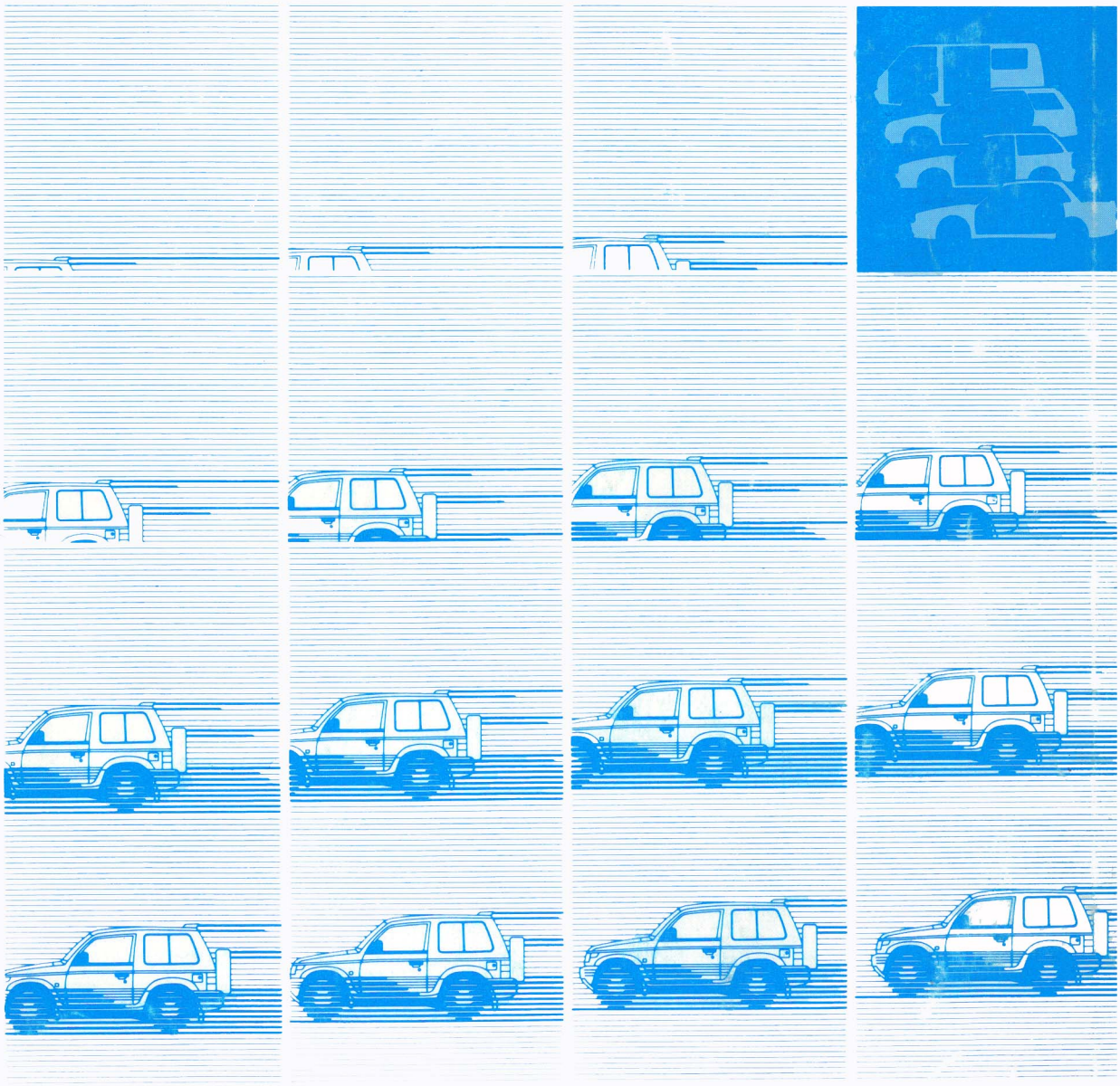
MITSUBISHI MOTORS

Body Repair Manual

SUPPLEMENT

PAJERO '98



Pub. No. PBJE9003-1

PAJERO

BODY REPAIR MANUAL

SUPPLEMENT

FOREWORD

This manual has been prepared to give the differences on newly added models of Pajero. The differences, as compared to each basic vehicle type, regarding the body construction, the frame standard dimensions, etc. are explained. All of the vehicle's original strength and durability can be maintained by following the welding procedures contained in this manual. Note that, in order to maximize the efficiency of the repair work, first, both the extent of the damage and the replacement parts that are needed must be calculated accurately, and then the actual work must be performed accurately and efficiently. The publications shown on the following page are also available, and should be used in conjunction with this manual. Mitsubishi Motors Corporation reserves the right to make changes in design and specification and/or to make additions to or improvements in its products without imposing any obligation upon itself to install them on its products previously manufactured.

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NOTE
THE GROUPS MARKED BY [ ] ARE NOT IN THIS MANUAL

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RELATED PUBLICATIONS

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  PYJE9002
- WORKSHOP MANUAL
  CHASSIS GROUP
  [Europe]
  PWJE9086 (Looseleaf edition)
  PWJE9086-G (Supplement)
  PWJE9086-H (Supplement)
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  B8035658A□
  [Australia]
  BFA35608A□
- BODY REPAIR MANUAL
  PBJE9003

MANUAL DESCRIPTION

CONTENTS

The first page of this manual contains a table of contents which lists the title and number of each group.

TEXT

The vehicles to which the information in the text pertains are generally designated according to their body classification. In some cases, other limiting designations such as name, type of drive system, etc., are given. If there are no such limiting designations, the information can be assumed to cover all models.

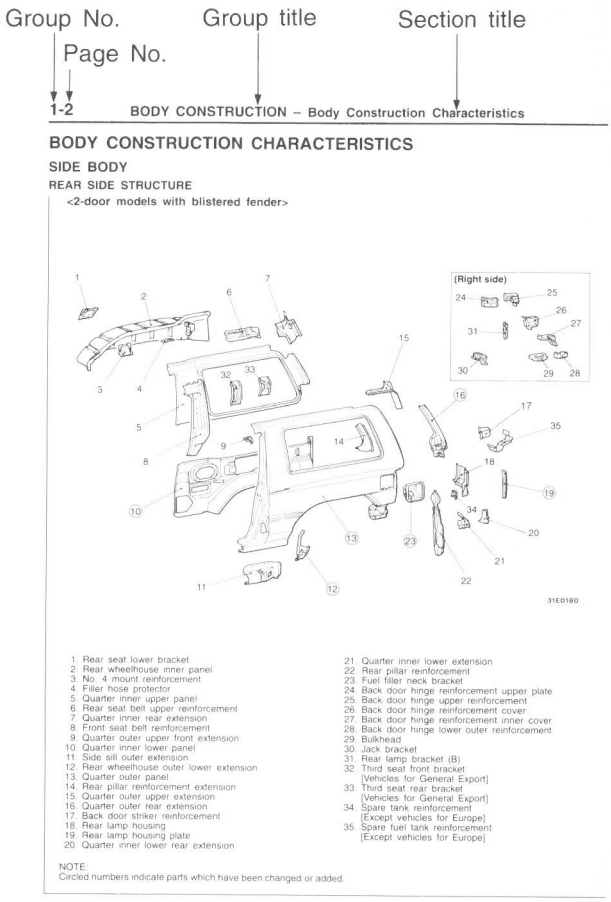
PAGE NUMBERS

All pages are numbered consecutively within each group. The page numbers can be found on the upper left or right of each page.

SECTION TITLES

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NOTE
"GCC" indicates a classification within the models for General Export category: models for countries that are member of the Gulf Cooperation Council.



0 GENERAL

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VEHICLE IDENTIFICATION

MODELS

[Vehicles for Europe]

<2-door models>

Model code		Body style	Engine model	Transmission model	Fuel supply system
V24C	NSFL6	Canvas top	4D56 (2,477 mℓ) with turbocharger and inter-cooler	V5MT1 (5M/T)	Injection
V23C	GNHVL6/R6	Canvas top with wide fender	6G72 (2,972 mℓ)		MPI
	GRHVL6/R6			V4AW3 (4A/T)	
V24W	NDFL6	Wagon	4D56 (2,477 mℓ) with turbocharger and inter-cooler	V5MT1 (5M/T)	Injection
	NHFL6/R6				
	NDGL6				
V24WG	NXFL6/R6	Wagon with blistered fender			
V26W	NHFL6	Wagon	4M40 (2,835 mℓ) with turbocharger and inter-cooler	V5M31 (5M/T)	
V26WG	NXFL6/R6	Wagon with blistered fender			
	NXGL6				
V23W	NHVL6	Wagon	6G72 (2,972 mℓ)	V5M31 (5/MT)	MPI
	GNXVL6/R6	Wagon with blistered fender			
	GRXVL6/R6			V4AW3 (4A/T)	
V25WG	NXVL6/R6	Wagon with blistered fender	6G74 (3,497 mℓ)	V5M31 (5M/T)	
	RXVL6/R6			V4AW3 (4A/T)	

<4-door models>

Model code		Body style	Engine model	Transmission model	Fuel supply system
V44W	NDFL6	Wagon	4D56 (2,477 mℓ) with turbocharger and inter-cooler	V5MT1 (5M/T)	Injection
	NDFCL6	Wagon without 3rd seat row			
	NHFL6	Wagon			
V44WG	NXFL6/R6	Wagon with blistered fender			
V46W	NDFL6	Wagon	4M40 (2,835 mℓ) with turbocharger and inter-cooler	V5M31 (5M/T)	
	NDFCL6	Wagon without 3rd seat row			
	NDGL6	Wagon			
	NDGCL6	Wagon without 3rd seat row			

Model code		Body style	Engine model	Transmission model	Fuel supply system
V46W	NHFL6/R6	Wagon	4M40 (2,835 mℓ) with turbocharger and inter-cooler	V5M31 (5M/T)	Injection
	NHGL6				
	RHFR6			V4AW3 (4A/T)	
V46WG	NXFL6/R6	Wagon with blistered fender		V5M31 (5M/T)	
	RXFL6/R6			V4AW3 (4A/T)	
	NXGL6			V5M31 (5M/T)	
	RXGL6			V4AW3 (4A/T)	
V43W	NHVL6/R6	Wagon	6G72 (2,972 mℓ)	V5MT1 (5M/T)	MPI
	RHVL6/R6			V4AW3 (4A/T)	
V43WG	NXVL6/R6	Wagon with blistered fender		V5MT1 (5M/T)	
	RXVL6/R6			V4AW3 (4A/T)	
V45WG	NXVL6/R6		6G74 (3,497 mℓ)	V5M31 (5M/T)	
	RXVL6/R6			V4AW3 (4A/T)	

[Vehicles for General Export]

<2-door models>

Model code		Body style	Engine model	Transmission model	Fuel supply system
V14C	NSR	Canvas top	4D56 (2,477 mℓ)	V5M21 (5M/T)	Injection
V11V	NDL/R	Van	4G64 (2,351 mℓ)		Conventional carburettor
V14V	NDL/R		4D56 (2,477 mℓ)		Injection
V23W	GNXVL	Wagon with blistered fender	6G72 (2,972 mℓ)	V5MT1 (5M/T)	MPI
	GNXEL1FB				
	GRXEL1FB			V4AW2 (4A/T)	
V24W	NSFBR1D	Wagon	4D56 (2,477 mℓ) with turbocharger and inter-cooler	V5MT1 (5M/T)	Injection
V24WG	NXFL/R	Wagon with blistered fender			
V25W	GNXML		6G74 (3,497 mℓ)	V5M31 (5M/T)	MPI
	GNXMLQ				
	GRXMLQ			V4AW3 (4A/T)	

<4-door models>

Model code		Body style	Engine model	Transmission model	Fuel supply system
V31V	NDL/R	Van	4G64 (2,351 mℓ)	V5M21 (5M/T)	Conventional carburettor
	HNDL/R	Van with kick-up roof			
V34V	HNDL/R		4D56 (2,477 mℓ)		Injection
V36V	HNDL/R		4M40 (2,835 mℓ)		
	HNDL1Z				
V31W	NHEL/R	Wagon	4G64 (2,351 mℓ)		MPI
	HNHEL	Wagon with kick-up roof			
V36W	NHL/R	Wagon	4M40 (2,835 mℓ)		Injection
V33W	NHEL1FB		6G72 (2,972 mℓ)	V5MT1 (5M/T)	MPI
V43W	GNXVL/R	Wagon with blistered fender			
	GNXEL1FB				
	GRXVL/R			V4AW2 (4A/T)	
	GRXEL1FB				
V44WG	NXFR		4D56 (2,477 mℓ) with turbocharger and inter-cooler	V5MT1 (5M/T)	Injection
	RXFR			V4AW2 (4A/T)	
V45W	GNXML/R		6G74 (3,497 mℓ)	V5M31 (5M/T)	MPI
	GNXMLQ				
	GRXML/R			V4AW3 (4A/T)	
	GRXMLQ				
V46W	NSFBR1D	Wagon	4M40 (2,835 mℓ) with turbocharger and inter-cooler	V5M31 (5M/T)	Injection
V46WG	NXFL/R	Wagon with blistered fender			
	RXFL/R			V4AW3 (4A/T)	

[Vehicles for GCC]

<2-door models>

Model code		Body style	Engine model	Transmission model	Fuel supply system
V11W	NHELW	Wagon	4G64 (2,351 mℓ)	V5M21 (5M/T)	MPI
V13V	NDELW	Van	6G72 (2,972 mℓ)	V5MT1 (5M/T)	
V23W	GNXELW	Wagon with blistered fender			
	GRXELW			V4AW2 (4A/T)	
V24WG	NXFLW		4D56 (2,477 mℓ) with turbocharger and inter-cooler	V5MT1 (5M/T)	Injection
V25W	GRXMLW		6G74 (3,497 mℓ)	V4AW3 (4A/T)	MPI

<4-door models>

Model code		Body style	Engine model	Transmission model	Fuel supply system
V31V	NDELW	Van	4G64 (2,351 mℓ)	V5M21 (5M/T)	MPI
	HNDELW	Van with kick-up roof			
V31W	NHELW	Wagon			
	RHELW			V4AW2 (4A/T)	
V33V	NDELW	Van	6G72 (2,972 mℓ)	V5MT1 (5M/T)	
V43W	GNXELW	Wagon with blistered fender			
	GRXELW			V4AW2 (4A/T)	
V45W	GNXMLW		6G74 (3,497 mℓ)	V5M31 (5M/T)	
	GRXMLW			V4AW3 (4 A/T)	
V46WG	NXFLW		4M40 (2,835 mℓ) with turbocharger and inter-cooler	V5M31 (5M/T)	Injection

[Vehicles for Australia]

<2-door models>

Model code		Body style	Engine model	Transmission model	Fuel supply system
V25W	GNXVR8	Wagon with blistered fender	6G74 (3,497 mℓ)	V5MT1 (5M/T)	MPI
	GRXVR8			V4AW2 (4A/T)	

<4-door models>

Model code		Body style	Engine model	Transmission model	Fuel supply system
V46W	NSFR8	Wagon	4M40 (2,835 mℓ)	V5M21 (5M/T)	Injection
V45W	NSVR8		6G74 (3,497 mℓ)	V5M31 (5M/T)	MPI
	NHVR8			V5M31 (5M/T)	
	RHVR8			V4AW3 (4A/T)	
	GNXVR8	Wagon with blistered fender		V5M31 (5M/T)	
	GRXVR8			V4AW3 (4 A/T)	
V46W	NHFR8	Wagon	4M40 (2,835 mℓ) with turbocharger and inter-cooler	V5M31 (5M/T)	Injection
V46WG	NXFR8	Wagon with blistered fender			

MAJOR SPECIFICATIONS

[Vehicles for Europe]

<2-door models (Canvas top)>

Items	V24C	V23C
	NSFL6	GNHVL6/R6 GRHVL6/R6
Dimensions mm		
Overall length	4,075	4,145
Overall width	1,695	1,785
Overall height (unladen)	1,835	1,845
Wheelbase	2,420	2,420
Track-front	1,420	1,465
Track-rear	1,435	1,480
Body overhang		
Front	675	720
Rear	980	1,005
Ground clearance (laden)	205	215
Wheel alignment		
Front wheel alignment		
Toe-in (at the centre of tyre tread) mm	3.5 ± 3.5	
Toe-in (at the rim of wheel disc) mm	1.8 ± 1.8	
Camber	0°40' ± 30'	
Caster	3°00' ± 1°00'	
Kingpin inclination angle	14°52'	
Rear wheel alignment		
Toe-in mm	0	
Camber	0°	
Wheels and tyres		
Tyre size	235/75R15	265/70R15
Wheel size	6JJ x 15	7JJ x 15
Offset mm	33	10

<2-door models (Wagon)>

Items	V23W		V25WG
	NHVL6	GNXVL6/R6 GRXVL6/R6	NXVL6/R6 RXVL6/R6
Dimensions mm			
Overall length	4,120	4,145	
Overall width	1,695	1,785	
Overall height (unladen)	1,835	1,845	
Wheelbase	2,420	2,420	
Track-front	1,420	1,465	
Track-rear	1,435	1,480	
Body overhang			
Front	720	720	
Rear	980	1,005	
Ground clearance (laden)	205	215	

Items	V23W		V25WG
	NHVL6	GNXVL6/R6 GRXVL6/R6	NXVL6/R6 RXVL6/R6
Wheel alignment			
Front wheel alignment			
Toe-in (at the centre of tyre tread) mm	3.5 ± 3.5		
Toe-in (at the rim of wheel disc) mm	1.8 ± 1.8		
Camber	0°40' ± 30'		
Caster	3°00' ± 1°00'		
Kingpin inclination angle	14°52'		
Rear wheel alignment			
Toe-in mm	0		
Camber	0°		
Wheels and tyres			
Tyre size	235/75R15		265/70R15
Wheel size	6JJ X 15		7JJ X 15
Offset mm	33		10

Items	V24W		V24WG	V26W	V26WG
	NDFL6 NDGL6	NHFL6/R6	NXFL6/R6	NHFL6	NXFL6/R6 NXGL6
Dimensions mm					
Overall length	4,075	4,120	4,145	4,120	4,145
Overall width	1,695	1,695	1,785	1,695	1,785
Overall height (unladen)	1,835	1,835	1,845	1,835	1,845
Wheelbase	2,420	2,420	2,420	2,420	2,420
Track-front	1,420	1,420	1,465	1,420	1,465
Track-rear	1,435	1,435	1,480	1,435	1,480
Body overhang					
Front	675	720	720	720	720
Rear	980	980	1,005	1,005	1,005
Ground clearance (laden)	205	205	215	190	205
Wheel alignment					
Front wheel alignment					
Toe-in (at the centre of tyre tread) mm	3.5 ± 3.5				
Toe-in (at the rim of wheel disc) mm	1.8 ± 1.8				
Camber	0°40' ± 30'				
Caster	3°00' ± 1°00'				
Kingpin inclination angle	14°52'				
Rear wheel alignment					
Toe-in mm	0				
Camber	0°				
Wheels and tyres					
Tyre size	235/75R15		265/70R15	235/75R15	265/70R15
Wheel size	6JJ X 15		7JJ x 15	6JJ x 15	7JJ x 15
Offset mm	33		10	33	10

<4-door models (Wagon)>

Items	V43W	V43WG	V45WG
	NHVL6/R6 RHVL6/R6	NXVL6/R6 RXVL6/R6	NXVL6/R6 RXVL6/R6
Dimensions mm			
Overall length	4,700	4,725	4,725
Overall width	1,695	1,775	1,775
Overall height (unladen)	1,890	1,900	1,900
Wheelbase	2,725	2,725	2,725
Track-front	1,420	1,465	1,465
Track-rear	1,435	1,480	1,480
Body overhang			
Front	720	720	720
Rear	1,255	1,280	1,280
Ground clearance (laden)	205	215	205
Wheel alignment			
Front wheel alignment			
Toe-in (at the centre of tyre tread) mm		3.5 ± 3.5	
Toe-in (at the rim of wheel disc) mm		1.8 ± 1.8	
Camber		0°40' ± 30'	
Caster		3°00' ± 1°00'	
Kingpin inclination angle		14°52'	
Rear wheel alignment			
Toe-in mm		0	
Camber		0°	
Wheels and tyres			
Tyre size	235/75R15	265/70R15	
Wheel size	6JJ X 15	7JJ X 15	
Offset mm	33	10	

Items	V46W		V46WG
	NDFL6 NDGL6 NDFCL6 NDGCL6	NHFL6/R6 NHGL6 RHFR6	NXFL6/R6 NXGL6 RXFL6/R6 RXGL6
Dimensions mm			
Overall length	4,655	4,700	4,725
Overall width	1,695	1,695	1,775
Overall height (unladen)	1,890	1,890	1,900
Wheelbase	2,725	2,725	2,725
Track-front	1,420	1,420	1,465
Track-rear	1,435	1,435	1,480
Body overhang			
Front	675	720	720
Rear	1,255	1,255	1,280
Ground clearance (laden)	190	190	205

Items	V46W		V46WG
	NDFL6 NDGL6 NDFCL6 NDGCL6	NHFL6/R6 NHGL6 RHFR6	NXFL6/R6 NXGL6 RXFL6/R6 RXGL6
Wheel alignment			
Front wheel alignment			
Toe-in (at the centre of tyre tread) mm	3.5 ± 3.5		
Toe-in (at the rim of wheel disc) mm	1.8 ± 1.8		
Camber	0°40' ± 30'		
Caster	3°00' ± 1°00'		
Kingpin inclination angle	14°52'		
Rear wheel alignment			
Toe-in mm	0		
Camber	0°		
Wheels and tyres			
Tyre size	235/75R15		265/70R15
Wheel size	6JJ X 15		7JJ X 15
Offset mm	33		10

Items	V44W		V44WG
	NDFL6 NDFCL6	NHFL6	NXFL6/R6
Dimensions mm			
Overall length	4,655	4,700	4,725
Overall width	1,695	1,695	1,775
Overall height (unladen)	1,890	1,890	1,900
Wheelbase	2,725	2,725	2,725
Track-front	1,420	1,420	1,465
Track-rear	1,435	1,435	1,480
Body overhang			
Front	650	720	720
Rear	1,280	1,255	1,280
Ground clearance (laden)	205	205	215
Wheel alignment			
Front wheel alignment			
Toe-in (at the centre of tyre tread) mm	3.5 ± 3.5		
Toe-in (at the rim of wheel disc) mm	1.8 ± 1.8		
Camber	0°40' ± 30'		
Caster	3°00' ± 1°00'		
Kingpin inclination angle	14°52'		
Rear wheel alignment			
Toe-in mm	0		
Camber	0°		
Wheels and tyres			
Tyre size	235/75R15		265/70R15
Wheel size	6JJ X 15		7JJ X 15
Offset mm	33		10

[Vehicles for General Export]

<2-door models (Canvas top and Van)>

Items	V14C	V11V	V14V
	NSR	NDL/R	NDL/R
Dimensions mm			
Overall length	4,065	4,065	
Overall width	1,695	1,695	
Overall height (unladen)	1,980	1,815	
Wheelbase	2,420	2,420	
Track-front	1,420	1,420	
Track-rear	1,435	1,435	
Body overhang			
Front	675	675	
Rear	970	970	
Ground clearance (laden)	220	220	
Wheel alignment			
Front wheel alignment			
Toe-in (at the centre of tyre tread) mm	3.5 ± 3.5		
Toe-in (at the rim of wheel disc) mm	1.8 ± 1.8		
Camber	0°40' ± 30'		
Caster	3°00' ± 1°00'		
Kingpin inclination angle	14°52'		
Rear wheel alignment			
Toe-in mm	0		
Camber	0°		
Wheels and tyres			
Tyre size	205R16		
Wheel size	6JJ X 16		
Offset mm	33		

<2-door models (Wagon)>

Items	V23W	V24W	V24WG	V25W
	GNXVL GNXEL1FB GRXEL1FB	NSFBR1D	NXFL/R	GNXML GNXMLQ GRXMLQ
Dimensions mm				
Overall length	4,155	4,065	4,155	4,155
Overall width	1,785	1,695	1,785	1,785
Overall height (unladen)	1,855	1,815	1,825	1,855
Wheelbase	2,420	2,420	2,420	2,420
Track-front	1,465	1,420	1,465	1,465
Track-rear	1,480	1,435	1,480	1,480
Body overhang				
Front	720	675	720	720
Rear	1,005	970	1,005	1,005
Ground clearance (laden)	225	215	235	215

Items	V23W	V24W	V24WG	V25W
	GNXVL GNXEL1FB GRXEL1FB	NSFBR1D	NXFL/R	GNXML GNXMLQ GRXMLQ
Wheel alignment				
Front wheel alignment				
Toe-in (at the centre of tyre tread) mm		3.5 ± 3.5		
Toe-in (at the rim of wheel disc) mm		1.8 ± 1.8		
Camber		0°40' ± 30'		
Caster		3°00' ± 1°00'		
Kingpin inclination angle		14°52'		
Rear wheel alignment				
Toe-in mm		0		
Camber		0°		
Wheels and tyres				
Tyre size	31-10.5R15	205R16	31-10.5R6	
Wheel size	7JJ x 15	6JJ x 16	7JJ x 15	
Offset mm	10	33	10	

<4-door models>

Items	V31V		V31W		V33W
	NDL/R	HNDL/R	NHEL/R	HNHEL	NHEL1FB
Dimensions mm					
Overall length	4,645	4,645	4,685	4,685	4,685
Overall width	1,695	1,695	1,695	1,695	1,695
Overall height (unladen)	1,865	1,955	1,865	1,955	1,865
Wheelbase	2,725	2,725	2,725	2,725	2,725
Track-front	1,420	1,420	1,420	1,420	1,420
Track-rear	1,435	1,435	1,435	1,435	1,435
Body overhang					
Front	675	675	720	720	720
Rear	1,245	1,245	1,240	1,240	1,240
Ground clearance (laden)	210	210	210	210	220
Wheel alignment					
Front wheel alignment					
Toe-in (at the centre of tyre tread) mm			3.5 ± 3.5		
Toe-in (at the rim of wheel disc) mm			1.8 ± 1.8		
Camber			0°40' ± 30'		
Caster			3°00' ± 1°00'		
Kingpin inclination angle			14°52'		
Rear wheel alignment					
Toe-in mm			0		
Camber			0°		
Wheels and tyres					
Tyre size			205R16		
Wheel size			6JJ X 16		
Offset mm			33		

Items	V43W		V45W	
	GNXVL/R GRXVL/R	GNXEL1FB GRXEL1FB	GNXML/R GRXML/R	GNXMLQ GRXMLQ
Dimensions mm				
Overall length	4,735	4,735	4,735	4,735
Overall width	1,775	1,775	1,775	1,775
Overall height (unladen)	1,910	1,880	1,910	1,900
Wheelbase	2,725	2,725	2,725	2,725
Track-front	1,465	1,465	1,465	1,465
Track-rear	1,480	1,480	1,480	1,480
Body overhang				
Front	720	720	720	720
Rear	1,280	1,280	1,280	1,280
Ground clearance (laden)	225	225	215	205
Wheel alignment				
Front wheel alignment				
Toe-in (at the centre of tyre tread) mm	3.5 ± 3.5			
Toe-in (at the rim of wheel disc) mm	1.8 ± 1.8			
Camber	0°40' ± 30'			
Caster	3°00' ± 1°00'			
Kingpin inclination angle	14°52'			
Rear wheel alignment				
Toe-in mm	0			
Camber	0°			
Wheels and tyres				
Tyre size	31-10.5R15			265/70R15
Wheel size	7JJ x 15			7JJ x 15
Offset mm	10			10

Items	V34V	V36V	V36W	V46W
	HNDL/R	HNDL/R HNDL1Z	NHL/R	NSFBR1D
Dimensions mm				
Overall length	4,645	4,645	4,685	4,685
Overall width	1,695	1,695	1,695	1,695
Overall height (unladen)	1,955	1,985	1,895	1,895
Wheelbase	2,725	2,725	2,725	2,725
Track-front	1,420	1,420	1,420	1,420
Track-rear	1,435	1,435	1,435	1,435
Body overhang				
Front	675	675	720	675
Rear	1,245	1,245	1,240	1,245
Ground clearance (laden)	210	210	210	200

Items	V34V	V36V	V36W	V46W
	HNDL/R	HNDL/R HNDL1Z	NHL/R	NSFBR1D
Wheel alignment				
Front wheel alignment				
Toe-in (at the centre of tyre tread) mm	3.5 ± 3.5			
Toe-in (at the rim of wheel disc) mm	1.8 ± 1.8			
Camber	0°40' ± 30'			
Caster	3°00' ± 1°00'			
Kingpin inclination angle	14°52'			
Rear wheel alignment				
Toe-in mm	0			
Camber	0°			
Wheels and tyres				
Tyre size	205R16			
Wheel size	6JJ x 16			
Offset mm	33			

Items	V44WG	V46WG
	NXFR RXFR	NXFL/R RXFL/R
Dimensions mm		
Overall length	4,735	4,735
Overall width	1,775	1,775
Overall height (unladen)	1,880	1,910
Wheelbase	2,725	2,725
Track-front	1,465	1,465
Track-rear	1,480	1,480
Body overhang		
Front	720	720
Rear	1,280	1,280
Ground clearance (laden)	225	215
Wheel alignment		
Front wheel alignment		
Toe-in (at the centre of tyre tread) mm	3.5 ± 3.5	
Toe-in (at the rim of wheel disc) mm	1.8 ± 1.8	
Camber	0°40' ± 30'	
Caster	3°00 ± 1°00'	
Kingpin inclination angle	14°52'	
Rear wheel alignment		
Toe-in mm	0	
Camber	0°	
Wheels and tyres		
Tyre size	31-10.5R15	
Wheel size	7JJ X 15	
Offset mm	10	

[Vehicles for GCC]

<2-door models>

Items	V13V	V11W	V23W	V24WG	V25W
	NDELW	NHELW	GNXELW GRXELW	NXFLW	GRXMLW
Dimensions mm					
Overall length	4,065	4,105	4,155	4,155	4,155
Overall width	1,695	1,695	1,785	1,785	1,785
Overall height (unladen)	1,815	1,810	1,825	1,825	1,855
Wheelbase	2,420	2,420	2,420	2,420	2,420
Track-front	1,420	1,420	1,465	1,465	1,465
Track-rear	1,435	1,435	1,480	1,480	1,480
Body overhang					
Front	675	715	720	720	720
Rear	970	970	1,005	1,005	1,005
Ground clearance (laden)	220	220	225	235	215
Wheel alignment					
Front wheel alignment					
Toe-in (at the centre of tyre tread) mm			3.5 ± 3.5		
Toe-in (at the rim of wheel disc) mm			1.8 ± 1.8		
Camber			0°40' ± 30'		
Caster			3°00' ± 1°00'		
Kingpin inclination angle			14°52'		
Rear wheel alignment					
Toe-in mm			0		
Camber			0°		
Wheels and tyres					
Tyre size	205/80R16		31-10.5R15		
Wheel size	6JJ X 16		7JJ X 15		
Offset mm	33		10		

<4-door models>

Items	V31V		V33V	V31W	
	HNDELW	NDELW	NDELW	NHELW	RHELW
Dimensions mm					
Overall length	4,645	4,645		4,685	4,685
Overall width	1,695	1,695		1,695	1,695
Overall height (unladen)	1,955	1,865		1,865	1,865
Wheelbase	2,725	2,725		2,725	2,725
Track-front	1,420	1,420		1,420	1,420
Track-rear	1,435	1,435		1,435	1,435
Body overhang					
Front	675	675		720	720
Rear	1,245	1,245		1,240	1,240
Ground clearance (laden)	210	210		210	220

Items	V31V		V33V	V31W	
	HNDELW	NDELW	NDELW	NHELW	RHELW
Wheel alignment					
Front wheel alignment					
Toe-in (at the centre of tyre tread) mm	3.5 ± 3.5				
Toe-in (at the rim of wheel disc) mm	1.8 ± 1.8				
Camber	0°40' ± 30'				
Caster	3°00' ± 1°00'				
Kingpin inclination angle	14°52'				
Rear wheel alignment					
Toe-in mm	0				
Camber	0°				
Wheels and tyres					
Tyre size	205/80R16				
Wheel size	6JJ X 16				
Offset mm	33				

Items	V43W	V45W	V46WG
	GNXELW GRXELW	GNXMLW GRXMLW	NXFLW
Dimensions mm			
Overall length	4,735	4,735	
Overall width	1,775	1,775	
Overall height (unladen)	1,880	1,910	
Wheelbase	2,725	2,725	
Track-front	1,465	1,465	
Track-rear	1,480	1,480	
Body overhang			
Front	720	720	
Rear	1,280	1,280	
Ground clearance (laden)	225	215	
Wheel alignment			
Front wheel alignment			
Toe-in (at the centre of tyre tread) mm	3.5 ± 3.5		
Toe-in (at the rim of wheel disc) mm	1.8 ± 1.8		
Camber	0°40' ± 30'		
Caster	3°00' ± 1°00'		
Kingpin inclination angle	14°52'		
Rear wheel alignment			
Toe-in mm	0		
Camber	0°		
Wheels and tyres			
Tyre size	31-10.5R15		
Wheel size	7JJ X 15		
Offset mm	10		

[Vehicles for Australia]

<2-door models>

Items	V25W
	GNXVR8 GRXVR8
Dimensions mm	
Overall length	4,145
Overall width	1,785
Overall height (unladen)	1,845
Wheelbase	2,420
Track-front	1,465
Track-rear	1,480
Body overhang	
Front	720
Rear	1,005
Ground clearance (laden)	205
Wheel alignment	
Front wheel alignment	
Toe-in (at the centre of tyre tread) mm	3.5 ± 3.5
Toe-in (at the rim of wheel disc) mm	1.8 ± 1.8
Camber	0°40' ± 30'
Caster	3°00' ± 1°00'
Kingpin inclination angle	14°52'
Rear wheel alignment	
Toe-in mm	0
Camber	0°
Wheels and tyres	
Tyre size	265/70R16
Wheel size	7JJ X 16
Offset mm	10

<4-door models>

Items	V45W			V46W		V46WG
	NSVR8	GNXVR8 GRXVR8	NHVR8 RHVR8	NSFR8	NHFR8	NXFR8
Dimensions mm						
Overall length	4,655	4,725	4,655	4,655	4,655	4,725
Overall width	1,695	1,775	1,695	1,695	1,695	1,775
Overall height (unladen)	1,890	1,910	1,890	1,890	1,890	1,910
Wheelbase	2,725	2,725	2,725	2,725	2,725	2,725
Track-front	1,420	1,465	1,420	1,420	1,420	1,465
Track-rear	1,435	1,480	1,435	1,435	1,435	1,480
Body overhang						
Front	720	720	695	675	695	720
Rear	1,280	1,280	1,245	1,245	1,245	1,280
Ground clearance (laden)	195	205	195	195	195	205

Items	V45W			V46W		V46WG
	NSVR8	GNXVR8 GRXVR8	NHVR8 RHVR8	NSFR8	NHFR8	NXFR8
Wheel alignment						
Front wheel alignment						
Toe-in (at the centre of tyre tread) mm	3.5 ± 3.5					
Toe-in (at the rim of wheel disc) mm	1.8 ± 1.8					
Camber	0°40' ± 30'					
Caster	3°00' ± 1°00'					
Kingpin inclination angle	14°52'					
Rear wheel alignment						
Toe-in mm	0					
Camber	0°					
Wheels and tyres						
Tyre size	235/75R15	265/70R16	235/75R15			265/70R16
Wheel size	6JJ X 15	7JJ X 16	6JJ X 15			7JJ X 16
Offset mm	33	10	33			10

OUTLINE OF CHANGES

Items	Remarks
BODY CONSTRUCTION	
• Side body structural parts have been changed.	Vehicles with blistered fender
• Silencer application locations have been displayed.	
BODY DIMENSIONS	
• Standard dimensions (frame) have been displayed.	Vehicles with 3-ring coil spring-type rear suspension
• Standard dimensions (side body) have been displayed.	Vehicles with blistered fender
WELDED PANEL REPLACEMENT	
• Quarter outer weld points have been displayed.	Vehicles with blistered fender
CORROSION PROTECTION	
• Rocker panel primer application locations have been displayed	Vehicles with blistered fender
SYNTHETIC-RESIN PARTS	
• Synthetic resin part usage locations have been displayed	Vehicles with blistered fender
BODY COLOUR	
• A body colour table has been displayed.	All models
• Application locations for different body colours have been displayed.	All models
REFERENCE MATERIAL	
• Adhesive part removal and installation procedures have been established.	Vehicles with blistered fender
• Fog lamp aiming adjustment procedures have been established.	Vehicles with blistered fender

1 BODY CONSTRUCTION

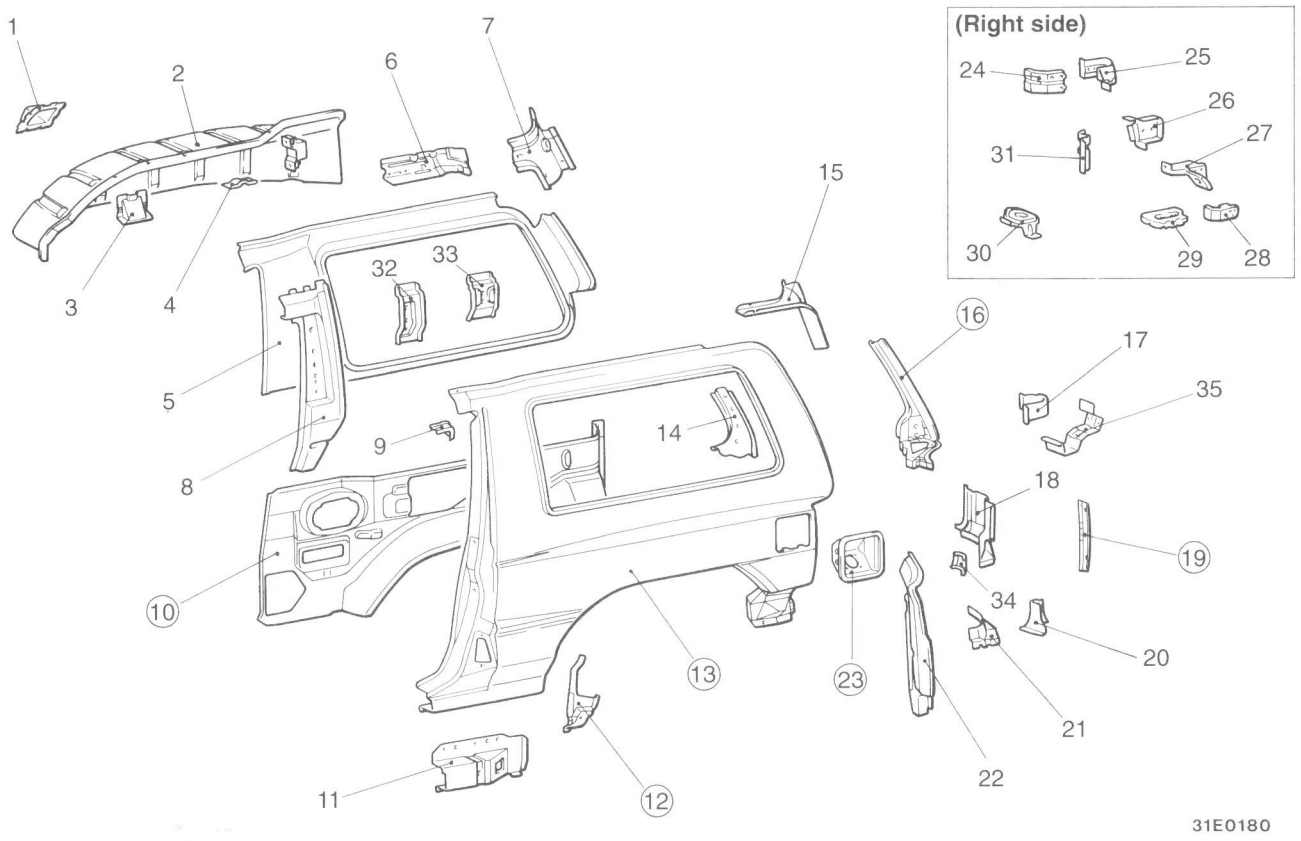
BODY CONSTRUCTION CHARACTERISTICS 1-2
SIDE BODY 1-2
SILENCER APPLICATION LOCATIONS 1-4

BODY CONSTRUCTION CHARACTERISTICS

SIDE BODY

REAR SIDE STRUCTURE

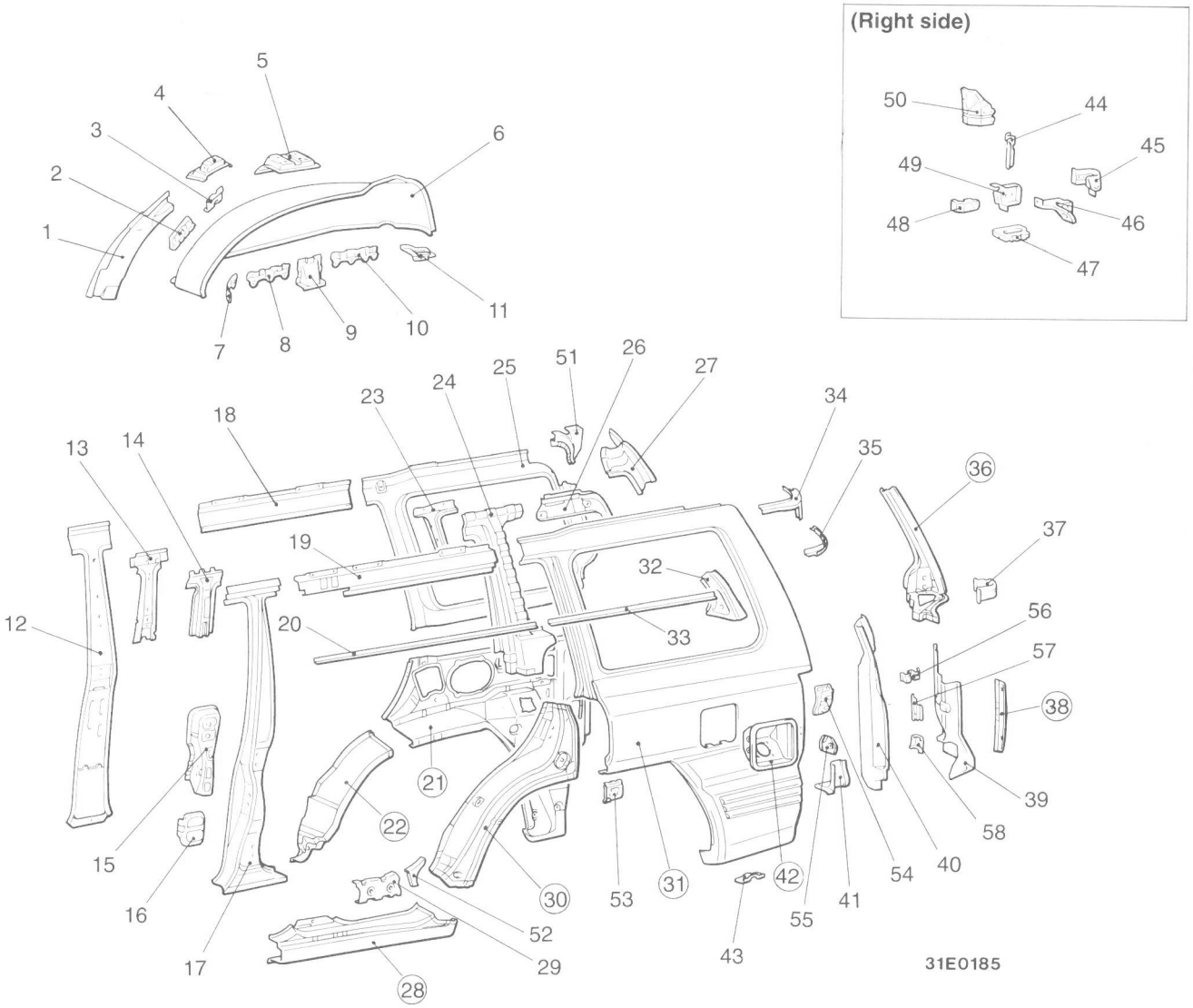
<2-door models with blistered fender>



1. Rear seat lower bracket
2. Rear wheelhouse inner panel
3. No. 4 mount reinforcement
4. Filler hose protector
5. Quarter inner upper panel
6. Rear seat belt upper reinforcement
7. Quarter inner rear extension
8. Front seat belt reinforcement
9. Quarter outer upper front extension
10. Quarter inner lower panel
11. Side sill outer extension
12. Rear wheelhouse outer lower extension
13. Quarter outer panel
14. Rear pillar reinforcement extension
15. Quarter outer upper extension
16. Quarter outer rear extension
17. Back door striker reinforcement
18. Rear lamp housing
19. Rear lamp housing plate
20. Quarter inner lower rear extension
21. Quarter inner lower extension
22. Rear pillar reinforcement
23. Fuel filler neck bracket
24. Back door hinge reinforcement upper plate
25. Back door hinge upper reinforcement
26. Back door hinge reinforcement cover
27. Back door hinge reinforcement inner cover
28. Back door hinge lower outer reinforcement
29. Bulkhead
30. Jack bracket
31. Rear lamp bracket (B)
32. Third seat front bracket [Vehicles for General Export]
33. Third seat rear bracket [Vehicles for General Export]
34. Spare tank reinforcement [Except vehicles for Europe]
35. Spare fuel tank reinforcement [Except vehicles for Europe]

NOTE:
Circled numbers indicate parts which have been changed or added.

<4-door models with blistered fender>



1. Quarter inner lower front panel
2. Second seat belt lower reinforcement
3. Quarter inner lower reinforcement
4. second seat catch bracket
5. Third seat bracket
6. Rear wheelhouse inner panel
7. Shield rubber plate (A)
8. Shield rubber plate (B)
9. No. 4 mount reinforcement
10. Shield rubber plate (C)
11. Rear wheelhouse inner rear extension (Right side only)
12. Center pillar inner panel
13. Front seat belt reinforcement
14. Center pillar outer reinforcement
15. Rear door hinge upper reinforcement
16. Rear door hinge lower reinforcement
17. Center pillar outer panel
18. Side roof rail, inner
19. Side roof rail, outer
20. Center drip channel, front
21. Quarter inner lower panel
22. Rear wheelhouse inner front panel
23. Second seat belt upper reinforcement
24. Quarter panel outer reinforcement
25. Quarter inner upper panel
26. Third seat belt upper reinforcement
27. Quarter inner upper rear extension
28. Side sill outer rear extension
29. Side sill rear reinforcement
30. Quarter outer front panel
31. Quarter outer panel
32. Rear pillar reinforcement extension
33. Center drip channel, rear
34. Quarter outer upper rear extension
35. Corner drip channel
36. Quarter outer rear extension
37. Back door striker reinforcement
38. Rear lamp housing plate
39. Rear lamp housing
40. Rear pillar reinforcement
41. Quarter inner lower rear extension
42. Fuel filler neck bracket
43. Filler hose protector (Left side only)
44. Rear lamp bracket (B)
45. Back door hinge upper reinforcement
46. Back door hinge reinforcement inner cover
47. Bulkhead
48. Back door hinge lower outer reinforcement
49. Back door hinge reinforcement cover
50. Back door hinge reinforcement upper plate
51. Third seat belt reinforcement extension
52. Side sill rear reinforcement extension
53. Third seat front bracket [Vehicles for General Export]
54. Third seat rear reinforcement [Vehicles for General Export]
55. Third seat belt lower reinforcement
56. Spare fuel tank reinforcement [Except vehicles for Europe]
57. Rear door bumper bracket reinforcement
58. Spare tank reinforcement

NOTE:
Circled numbers indicate parts which have been changed or added.

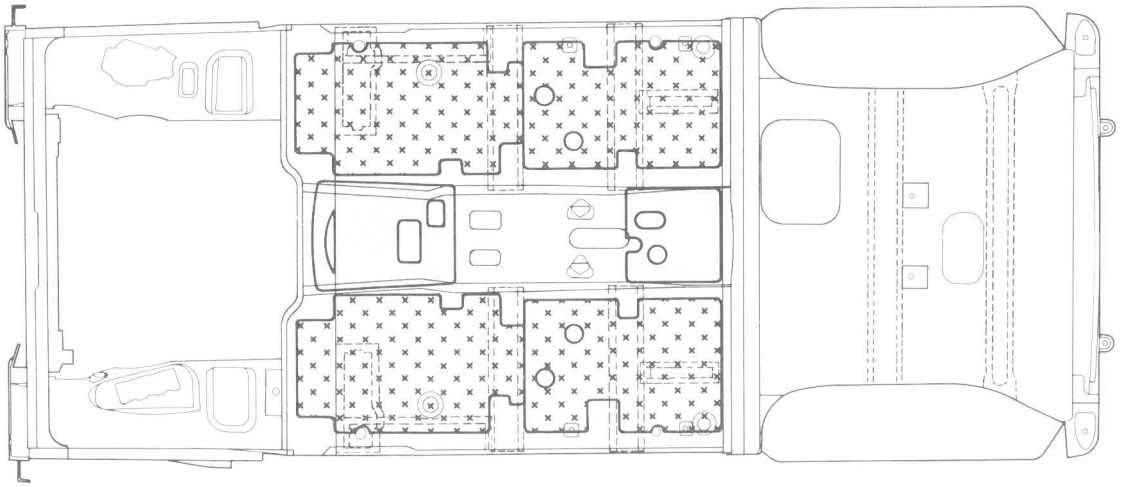
SILENCER APPLICATION LOCATIONS

RSS sheets have been placed on top of the silencers on the floor panel to further improve noise suppression.

NOTE
RSS sheet (thermosetting plastic sheet)
This sheet is made from denatured resin with asphalt and rubber as its main components, and with a filler material also added. It is molded into sheet form to a constant thickness of 2.0 mm. It has the same excellent vibratory noise suppression characteristics as steel plate-type sandwiched sheets.

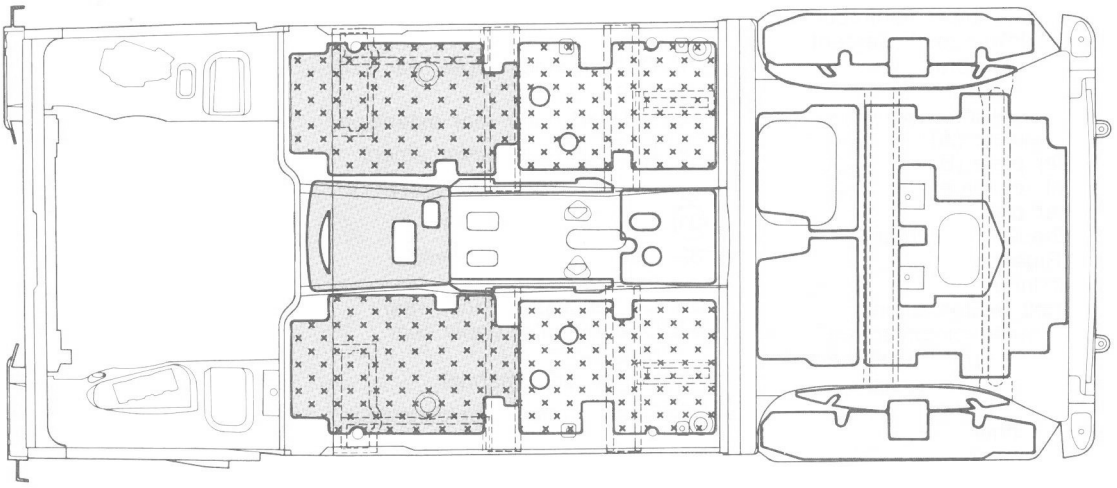
[Vehicles for Europe]

<2-door models (Canvas top)>



31E0188

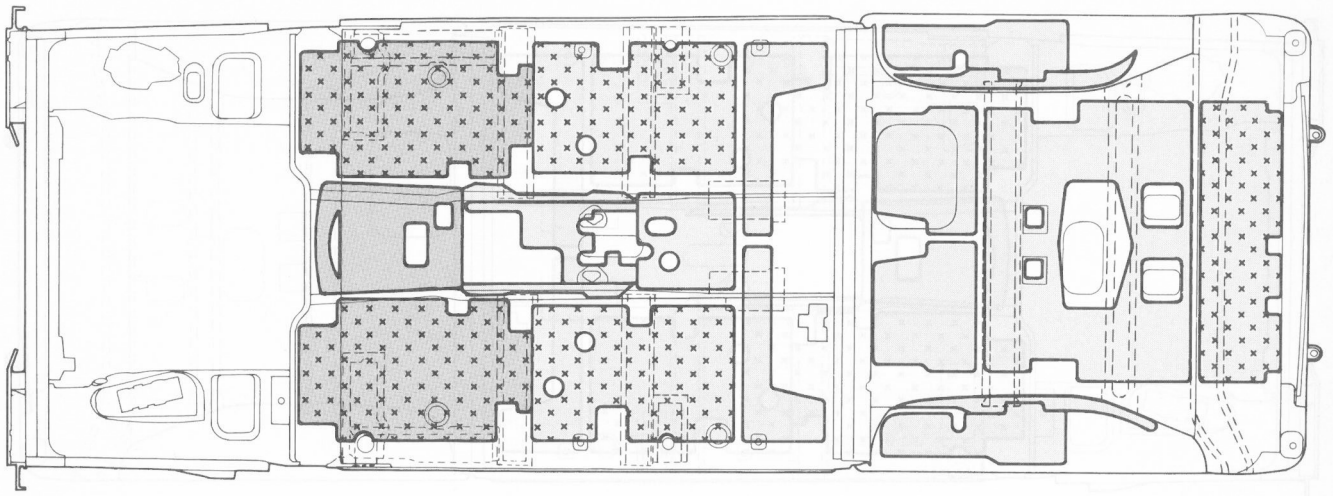
<2-door models (Wagon)>



31E0189

: 1.6 mm thick
: 3.2 mm [two layers of 1.6mm thick silencer
: RSS sheet (2.0 mm thickness) on top of silencer (1.6 mm thickness)
: RSS sheet (2.0 mm thickness) on top of silencer (3.2 mm thickness)

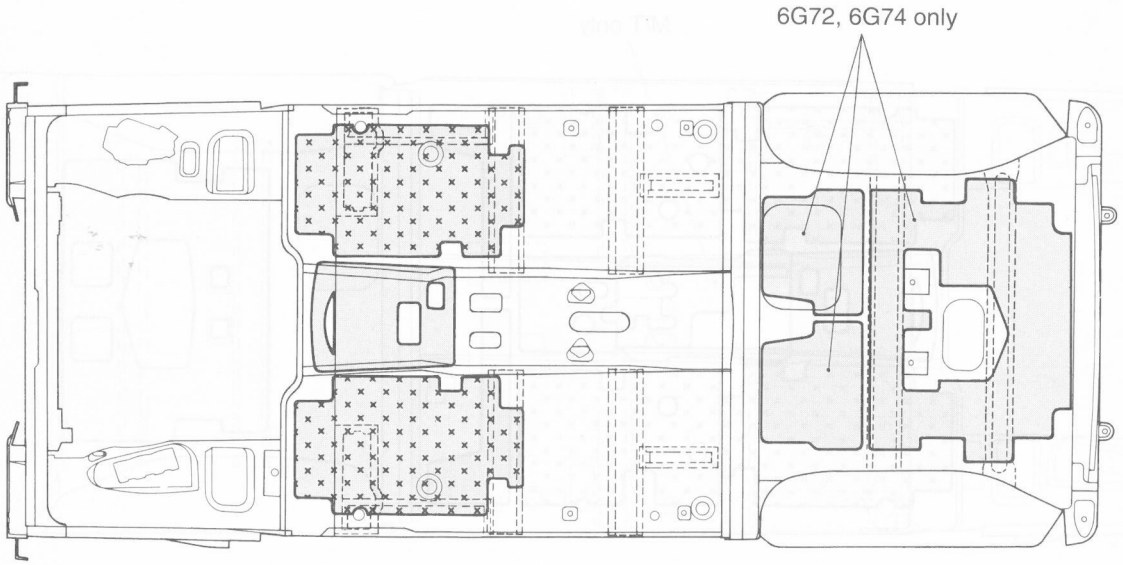
<4-door models>



31E0184

[Vehicles for General Export]

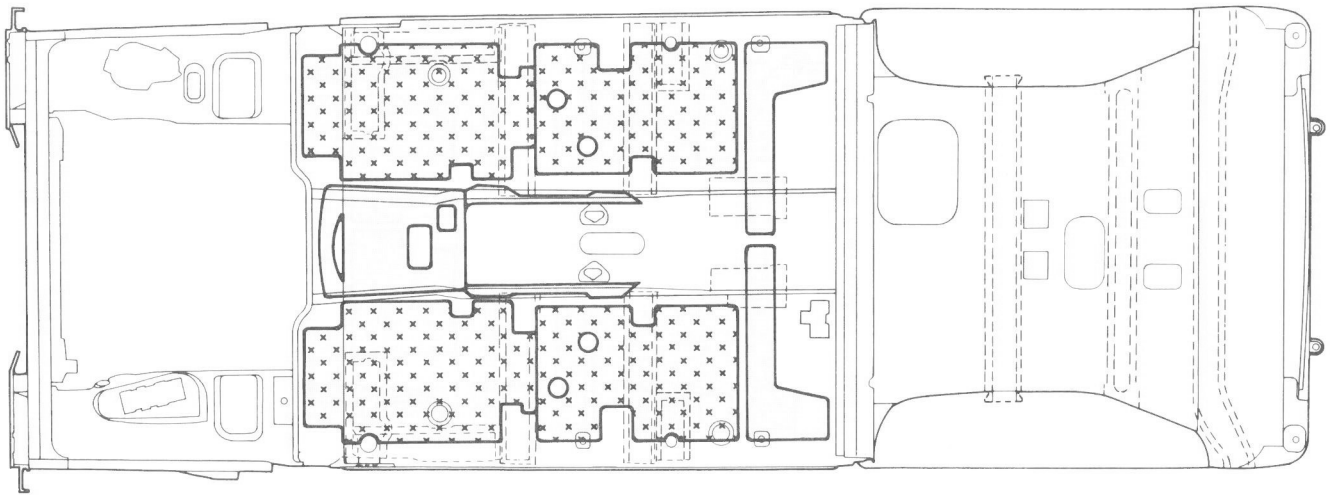
<2-door models (Canvas top, Wagon)>



31E0190

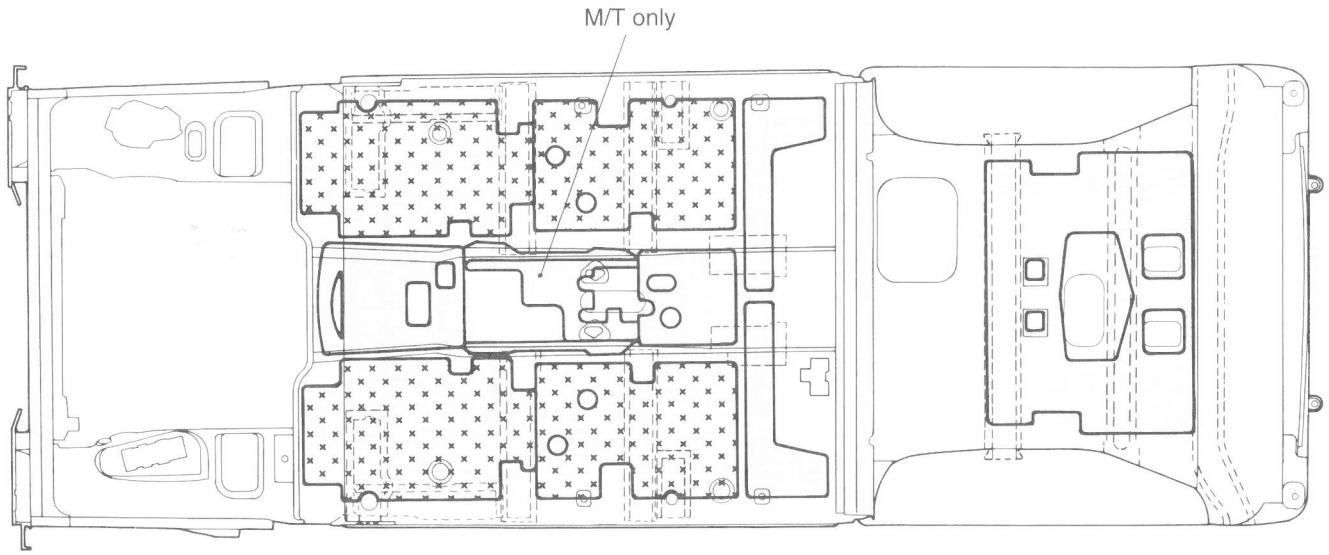
: 1.6 mm thick
: 3.2 mm [two layers of 1.6mm thick silencer
: RSS sheet (2.0 mm thickness) on top of silencer (1.6 mm thickness)
: RSS sheet (2.0 mm thickness) on top of silencer (3.2 mm thickness)

<4-door models (Wagon-leaf spring type rear suspension)>



31E0187

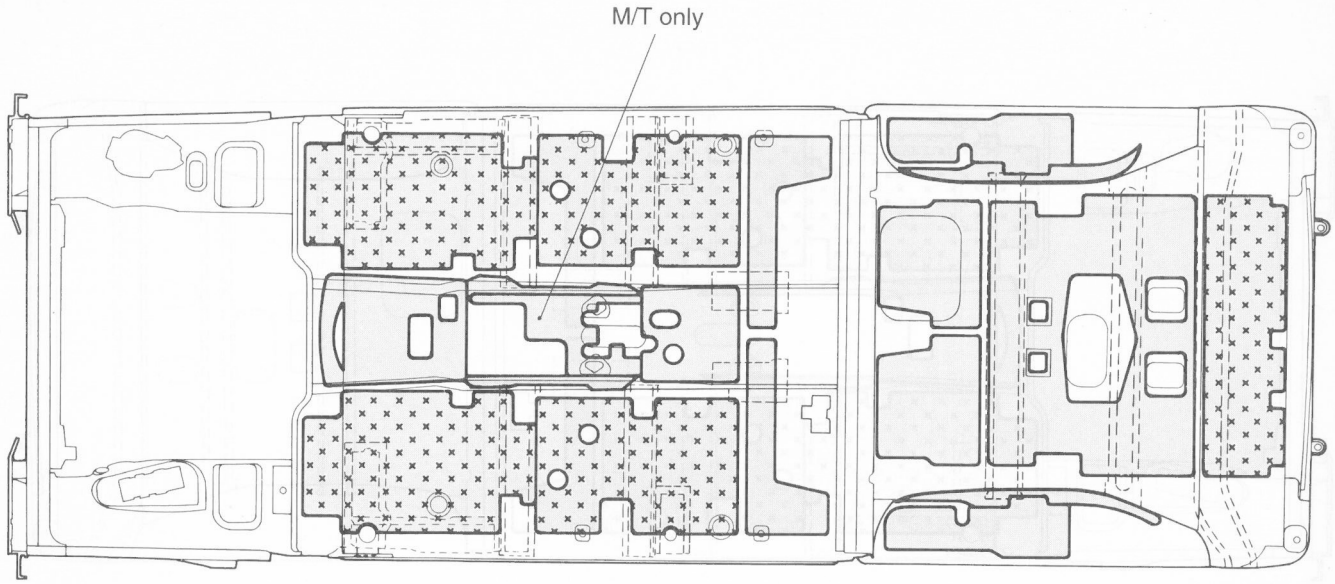
<4-door models (4D56-3 link coil spring type rear suspension, 4M40-3 link coil spring type rear suspension)>



31E0186

: 1.6 mm thick
: RSS sheet (2.0 mm thickness) on top of silencer (1.6 mm thickness)

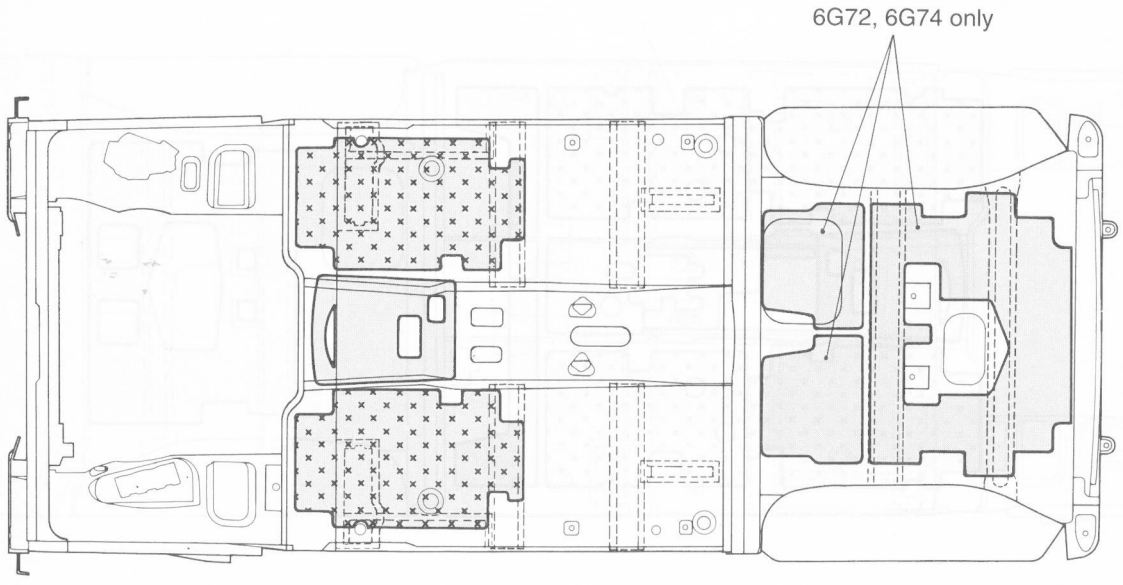
<4-door models (6G72, 6G74)>



31E0184

[Vehicles for GCC]

<2-door models>

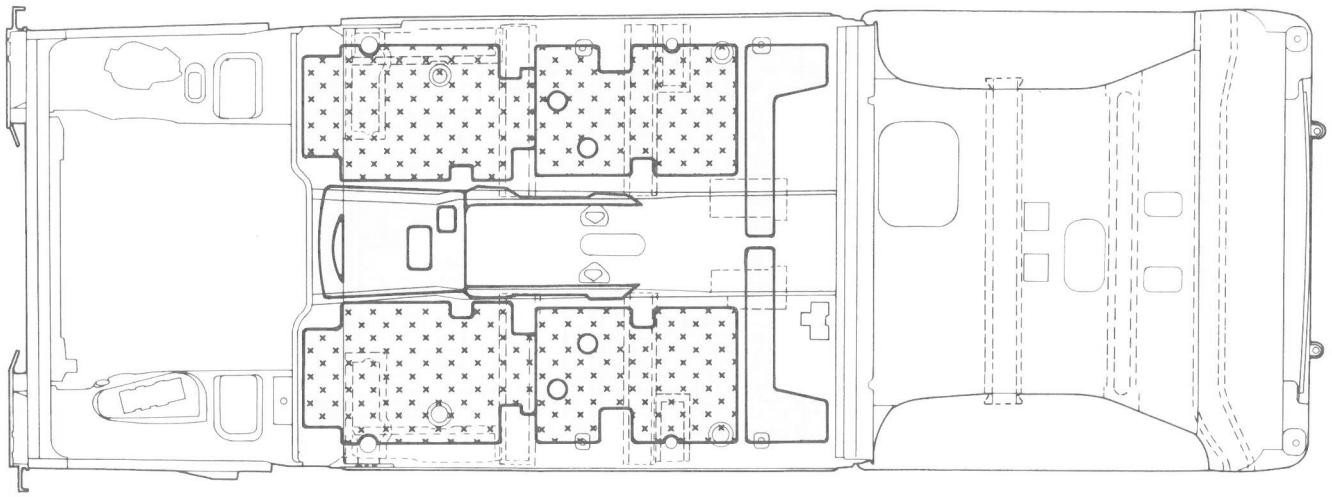


31E0190

: 1.6 mm thick

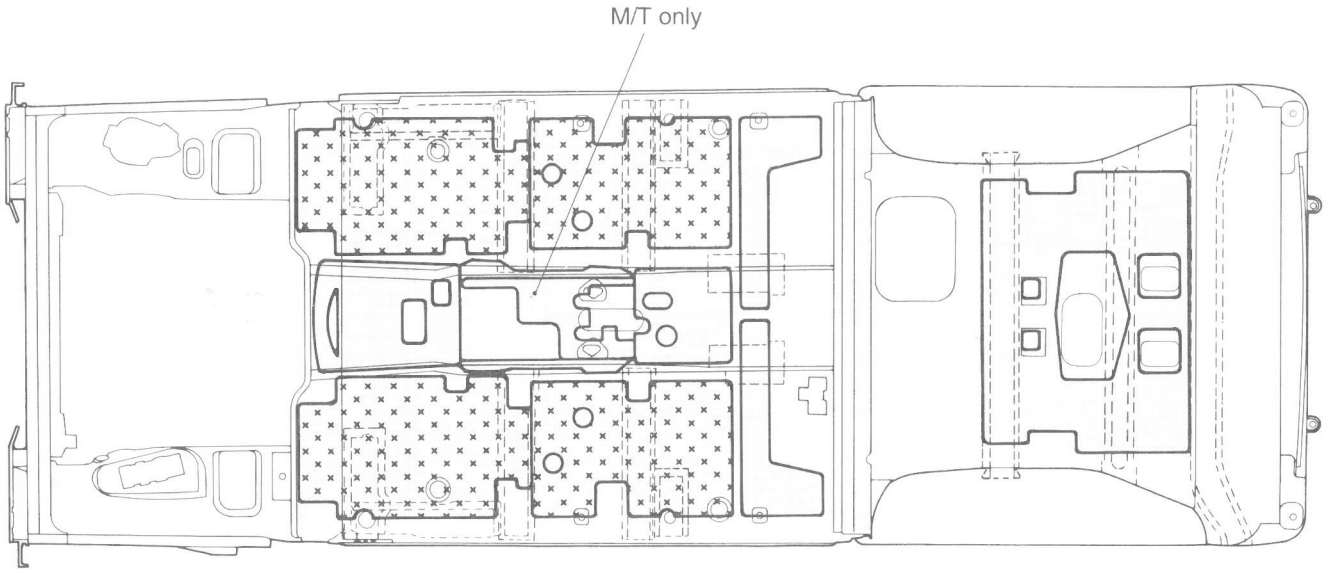
: RSS sheet (2.0 mm thickness) on top of silencer (1.6 mm thickness)

<4-door models (Wagon-leaf spring type rear suspension)>



31E0187

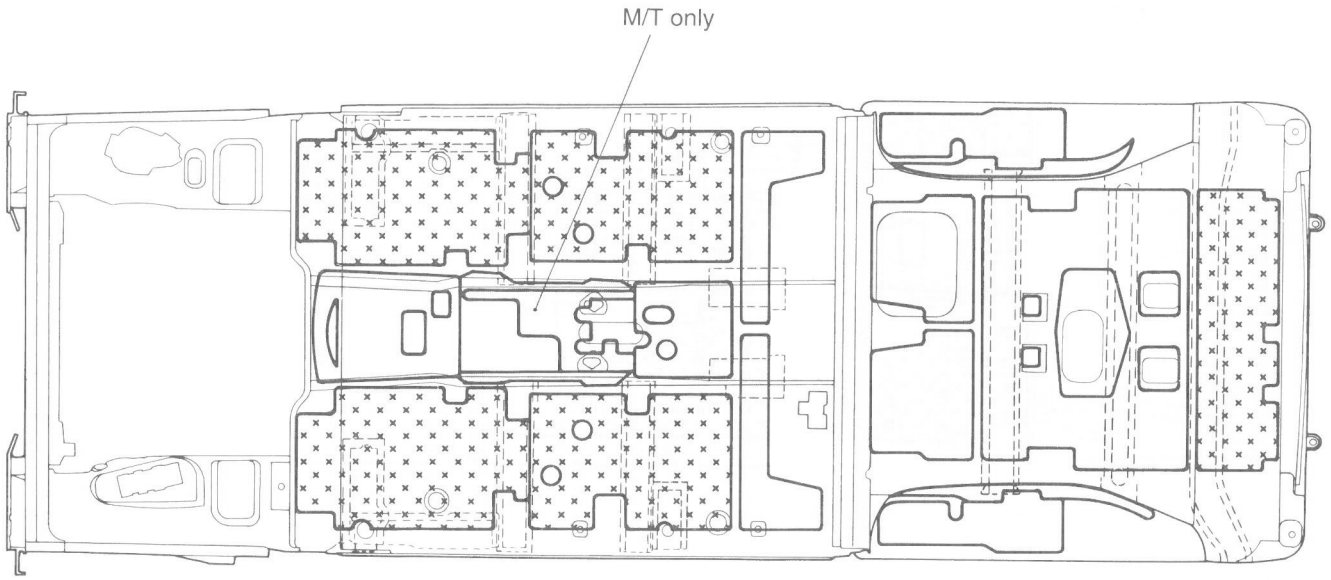
<4-door models (4M40)>



31E0186

: 1.6 mm thick
: RSS sheet (2.0 mm thickness) on top of silencer (1.6 mm thickness)

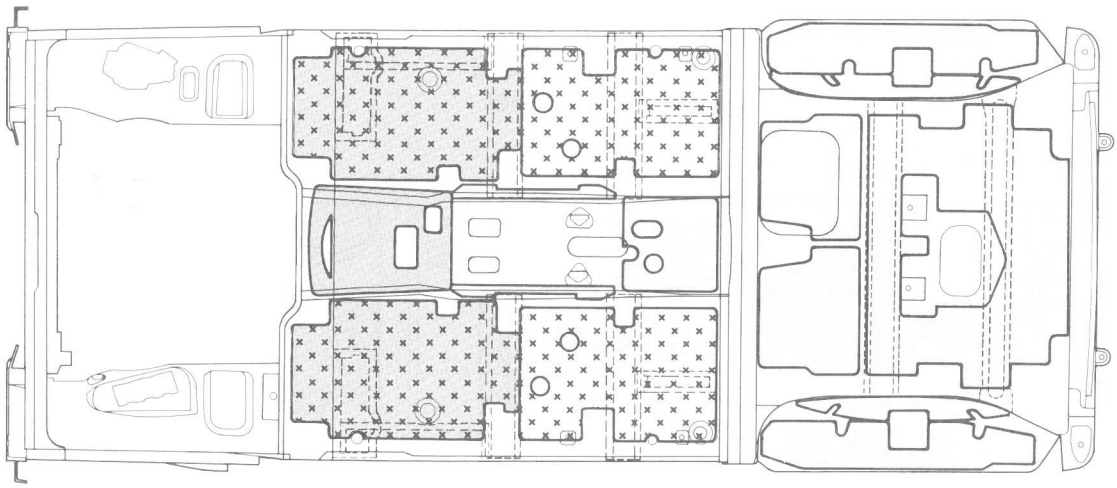
<4-door models (6G72-3 link coil spring type rear suspension, 6G74)>



31E0184

[Vehicles for Australia]

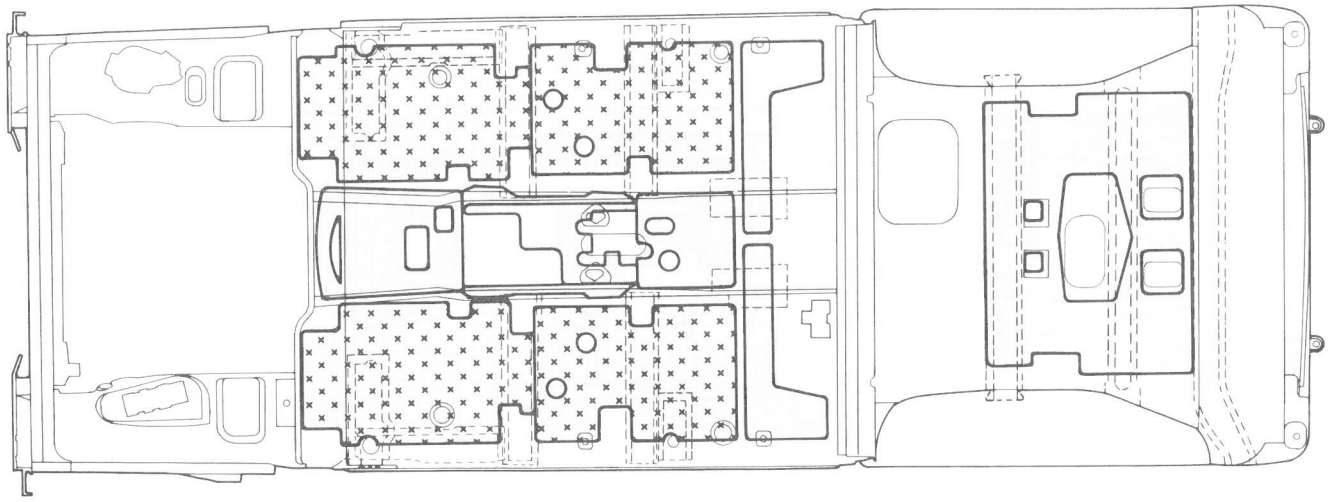
<2-door models>



31E0189

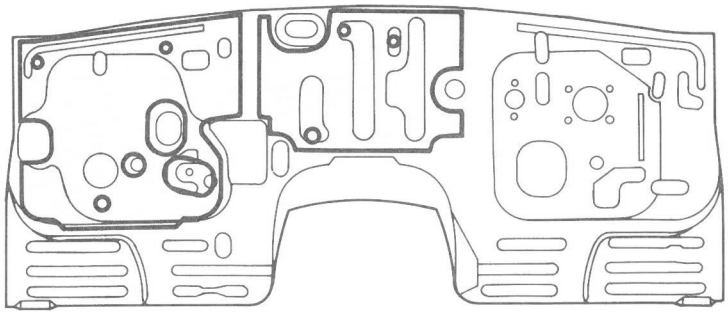
: 1.6 mm thick
: 3.2 mm [two layers of 1.6mm] thick silencer
: RSS sheet (2.0 mm thickness) on top of silencer (1.6 mm thickness)
: RSS sheet (2.0 mm thickness) on top of silencer (3.2 mm thickness)

<4-door models (4M40-Vehicles with 3rd seat row)>



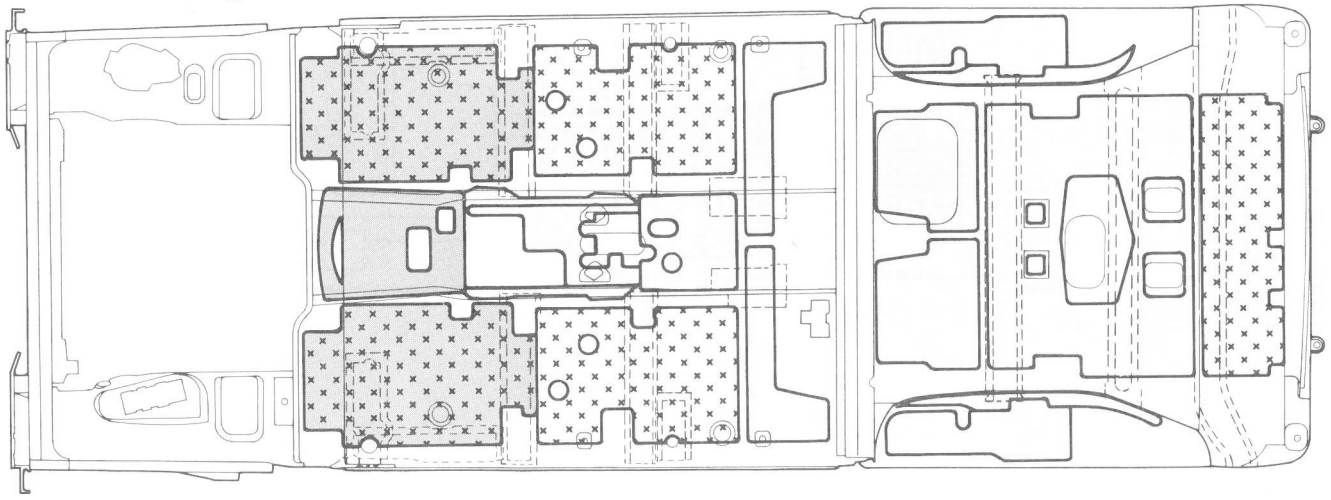
31E0186

<4-door models (6G74-Vehicles with 3rd seat row)>



Passenger compartment side of the dash panel

31E0193

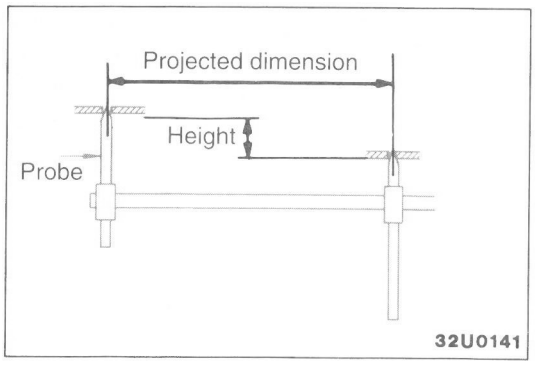


31E0184

: 1.6 mm thick
: 3.2 mm [two layers of 1.6mm] thick silencer
: RSS sheet (2.0 mm thickness) on top of silencer (1.6 mm thickness)
: RSS sheet (2.0 mm thickness) on top of silencer (3.2 mm thickness)

2 BODY DIMENSIONS

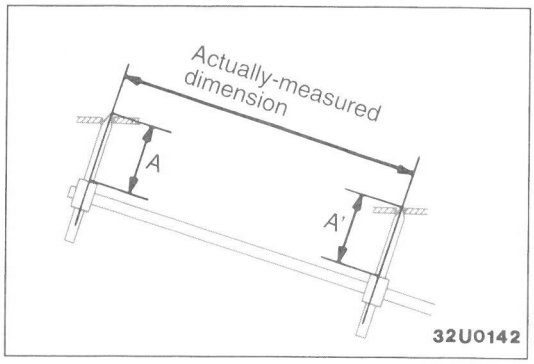
BODY DIMENSIONS AND MEASUREMENT METHODS 2-3
TYPE A (PROJECTED DIMENSIONS) 2-4
FRAME 2-4
TYPE B (ACTUAL-MEASUREMENT DIMENSIONS) 2-8
FRAME 2-8
SIDE BODY 2-12



BODY DIMENSIONS AND MEASUREMENT METHODS

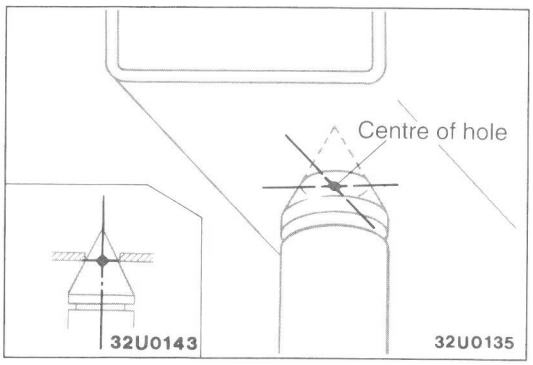
STANDARD DIMENSIONS INDICATIONS AND MEASUREMENT METHODS

(1) Type A (projected dimensions)
Indicates the dimension when a measurement location is projected onto a plane. The difference in height of the measurement points should be taken into consideration when measuring.

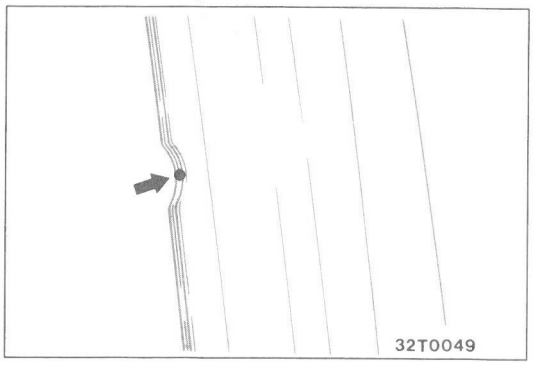


(2) Type B (actual-measurement dimensions)
Indicates the actual distance between the measurement points.
Measure using a tracking gauge or a measuring tape, etc.

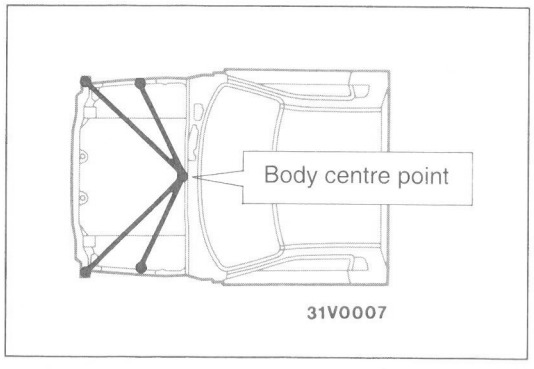
NOTES
- Make the lengths of the tracking gauge probes the same (A=A').
- Do not bend or twist the measuring tape.



(3) Insert the tracking gauge probes securely into the measurement holes.
(4) When the standard dimensions in the illustration are enclosed by □, this indicates that the symmetrical left and right positions have the same dimensions.



(5) When using a notch for dimension measurement, make the measuring point at the centre of the notch.



BODY CENTRE POINT

The body centre points are shown for the purpose of checking the position of the left and right symmetry locations.

TYPE A (PROJECTED DIMENSIONS)

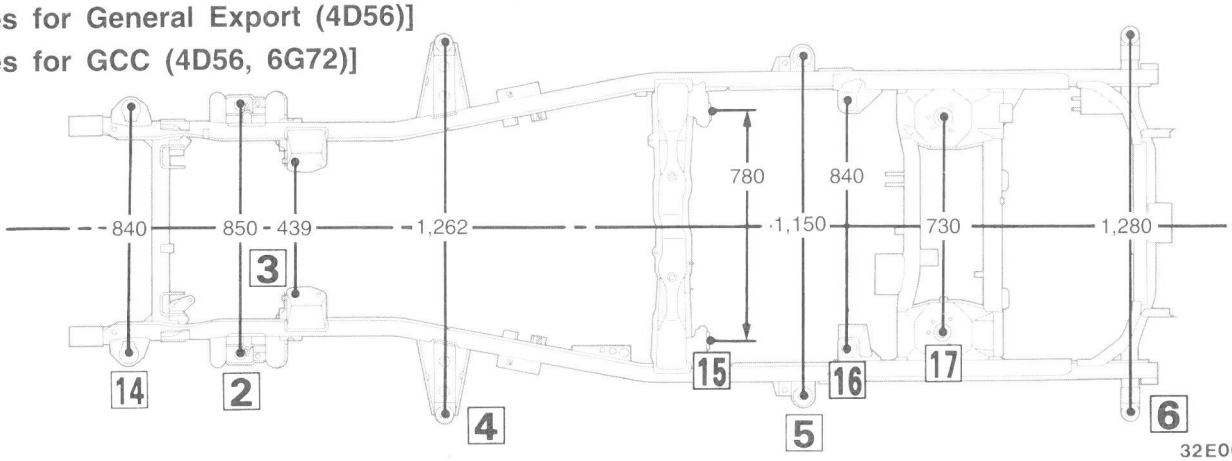
FRAME

<2-door models (3 link coil spring type rear suspension)>

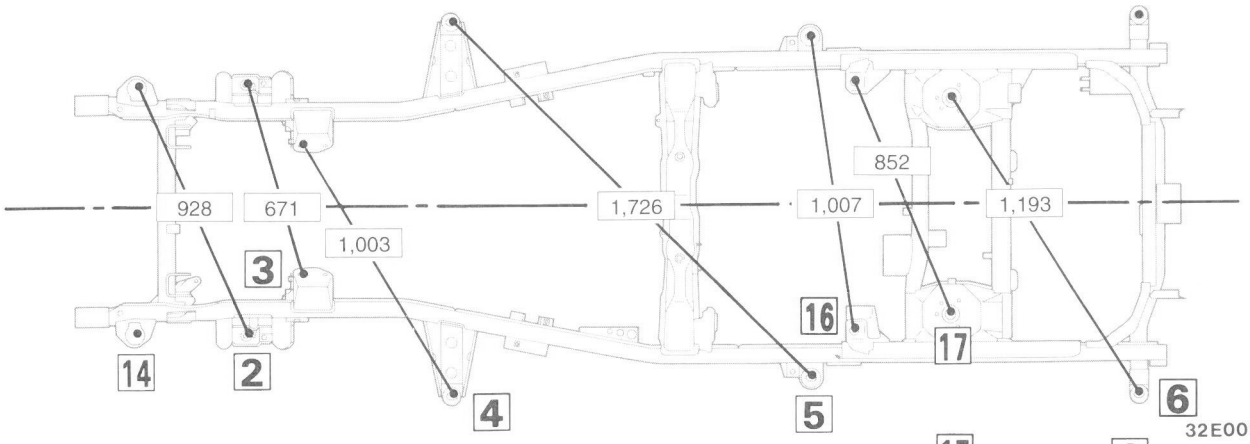
[Vehicles for General Export (4D56)]

[Vehicles for GCC (4D56, 6G72)]

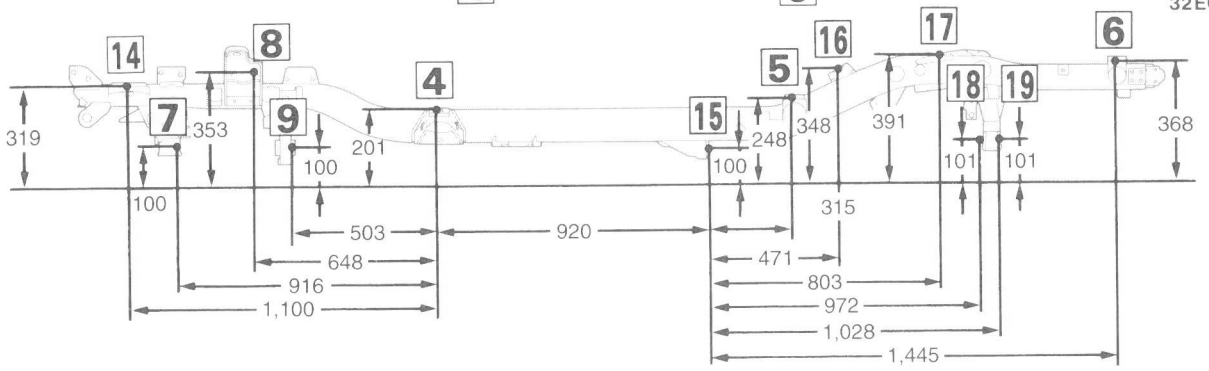
mm



32E0021



32E0022



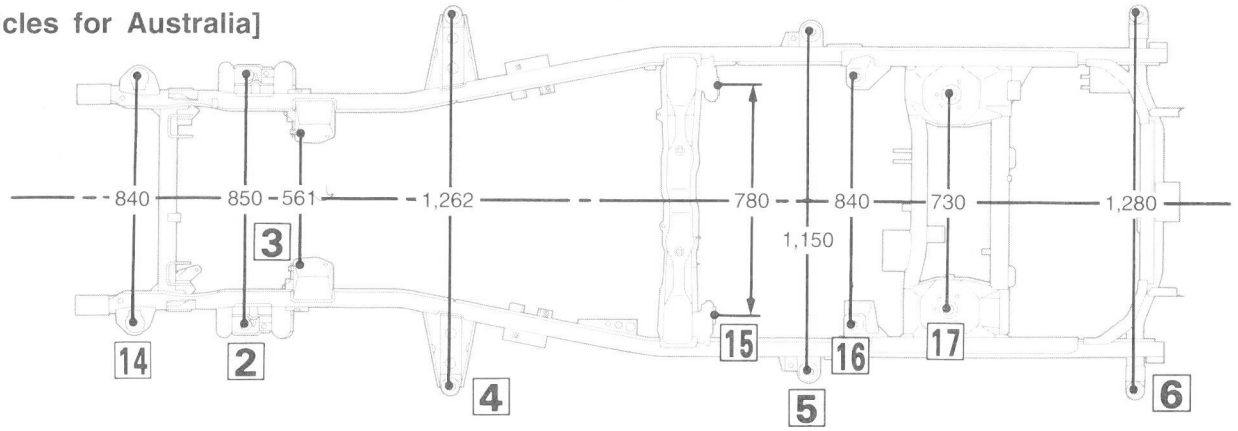
32E0028

No.	Standard measurement point	Hole shape – Size mm	No.	Standard measurement point	Hole shape – Size mm
2	Centre of shock absorber mounting hole	○ – 15	9	Centre of lower arm mounting hole	○ – 40
3	Centre of engine mount mounting hole	○ – 11	14*	Centre of body mounting hole	▭ – 30×38
4*	Centre of body mounting hole	▭ – 30×38	15	Centre of lower arm mounting hole	○ – 32
5*	Centre of body mounting hole	▭ – 30×38	16	Centre of shock absorber mounting hole	○ – 15
6*	Centre of body mounting hole	▭ – 30×38	17	Centre of spring seat mounting hole	○ – 32
7	Centre of lower arm mounting hole	○ – 15	18	Centre of lateral rod mounting hole (front side)	○ – 16.2
8	Centre of upper arm mounting hole	○ – 12.5	19	Centre of lateral rod mounting hole (rear side)	○ – 16.2

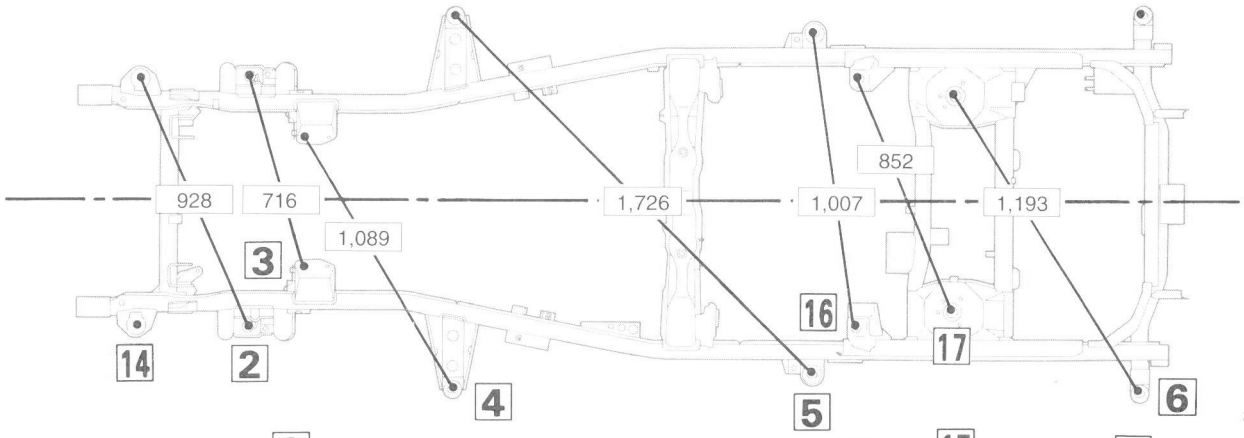
NOTES: The * mark indicates the mounting position for the frame centring gauge.

[Vehicles for Europe]
[Vehicles for General Export (6G72, 6G74)]
[Vehicles for GCC (6G74)]
[Vehicles for Australia]

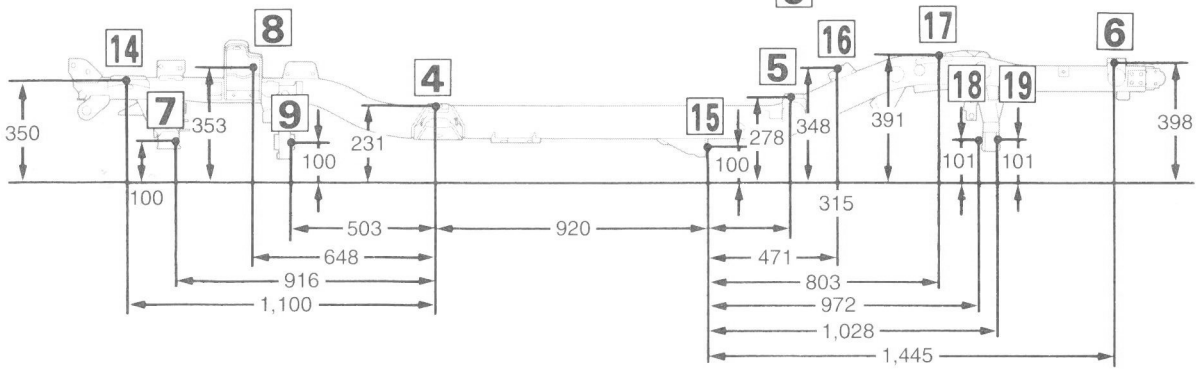
mm



32E0021



32E0022



32E0028

No.	Standard measurement point	Hole shape – Size mm	No.	Standard measurement point	Hole shape – Size mm
2	Centre of shock absorber mounting hole	○ – 15	9	Centre of lower arm mounting hole	○ – 40
3	Centre of engine mount mounting hole	○ – 11	14*	Centre of body mounting hole	▭ – 30×38
4*	Centre of body mounting hole	▭ – 30×38	15	Centre of lower arm mounting hole	○ – 32
5*	Centre of body mounting hole	▭ – 30×38	16	Centre of shock absorber mounting hole	○ – 15
6*	Centre of body mounting hole	▭ – 30×38	17	Centre of spring seat mounting hole	○ – 32
7	Centre of lower arm mounting hole	○ – 15	18	Centre of lateral rod mounting hole (front side)	○ – 16.2
8	Centre of upper arm mounting hole	○ – 12.5	19	Centre of lateral rod mounting hole (rear side)	○ – 16.2

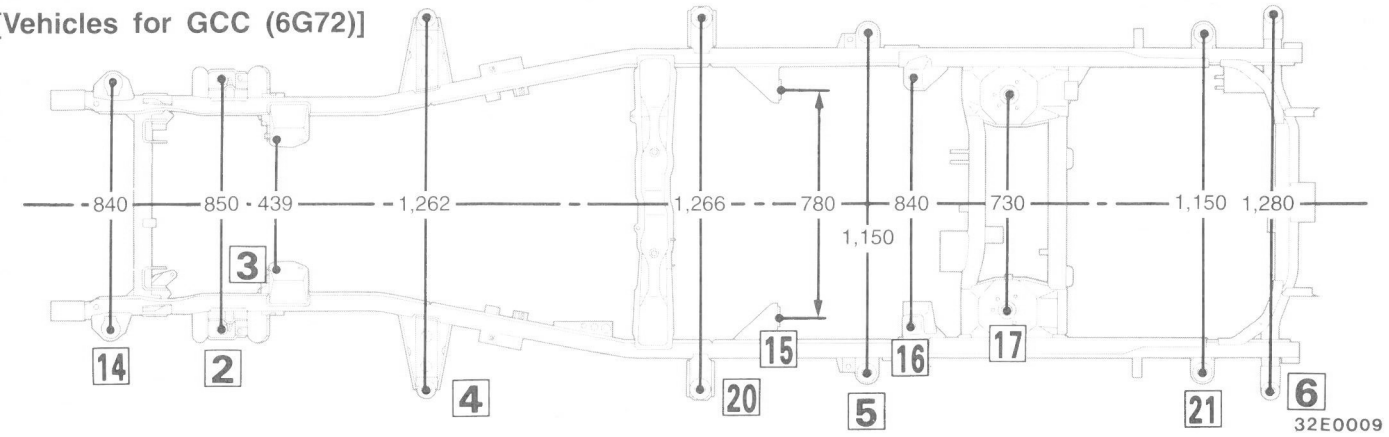
NOTES: The * mark indicates the mounting position for the frame centring gauge.

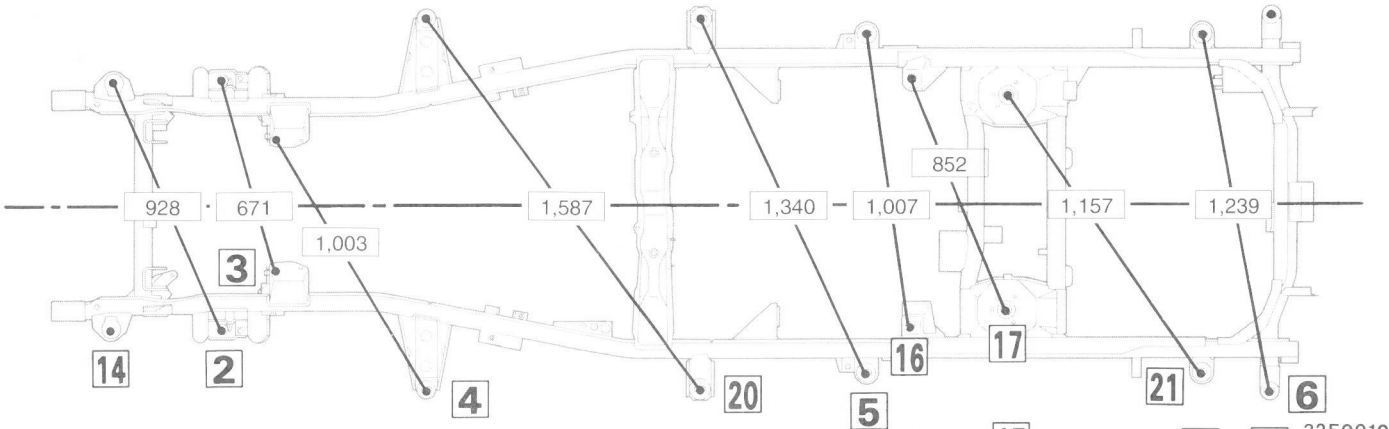
<4-door models (3 link coil spring type rear suspension>

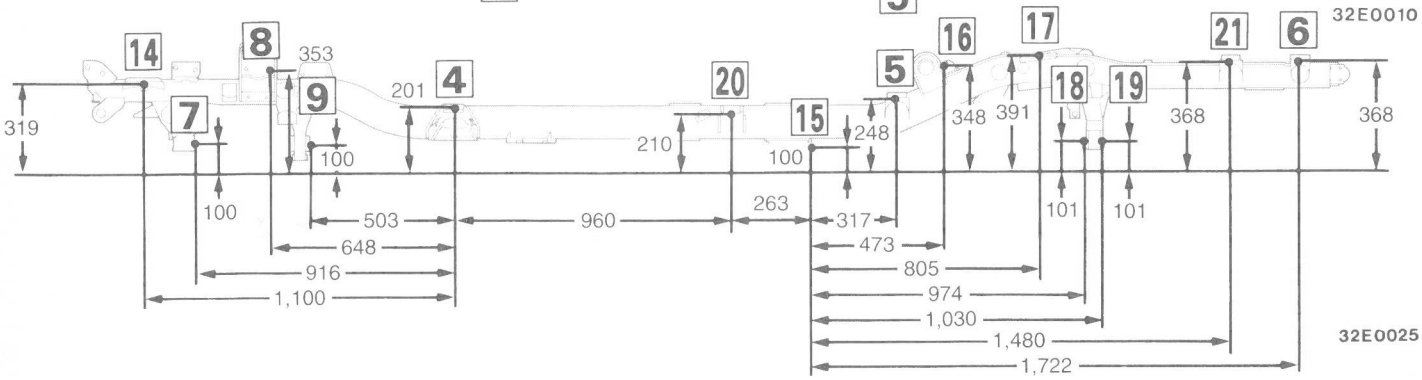
[Vehicles for General Export (4D56)]

[Vehicles for GCC (6G72)]

mm





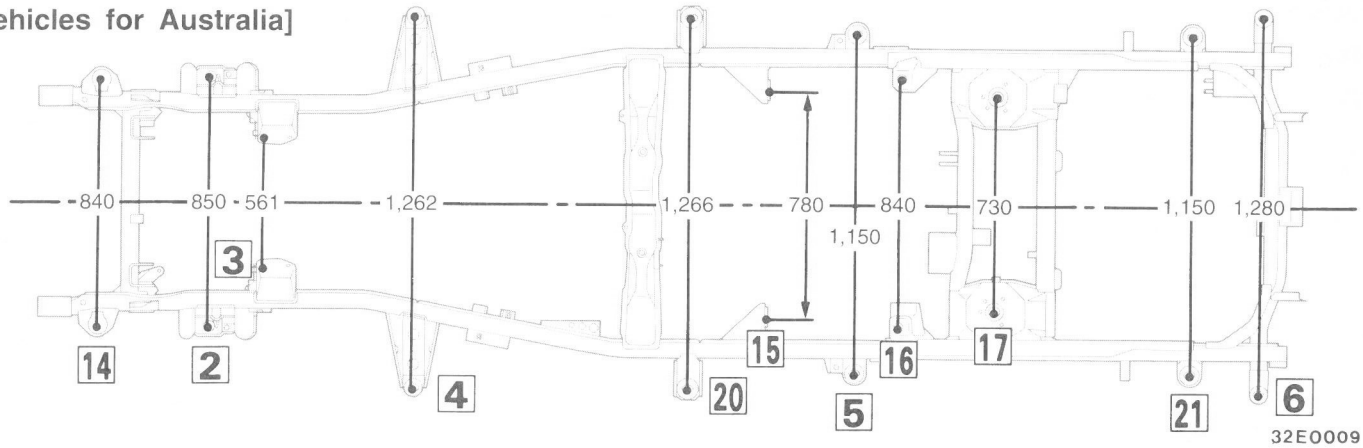


No.	Standard measurement point	Hole shape – Size mm	No.	Standard measurement point	Hole shape – Size mm
2	Centre of shock absorber mounting hole	○ – 15	14*	Centre of body mounting hole	▭ – 30×38
3	Centre of engine mount mounting hole	○ – 11	15	Centre of lower arm mounting hole	○ – 32
4*	Centre of body mounting hole	▭ – 30×38	16	Centre of shock absorber mounting hole	○ – 15
5*	Centre of body mounting hole	▭ – 30×38	17	Centre of spring seat mounting hole	○ – 32
6*	Centre of body mounting hole	▭ – 30×38	18	Centre of lateral rod mounting hole (front side)	○ – 16.2
7	Centre of lower arm mounting hole	○ – 15	19	Centre of lateral rod mounting hole (rear side)	○ – 16.2
8	Centre of upper arm mounting hole	○ – 12.5	20*	Centre of body mounting hole	▭ – 30×38
9	Centre of lower arm mounting hole	○ – 40	21*	Centre of body mounting hole	▭ – 30×38

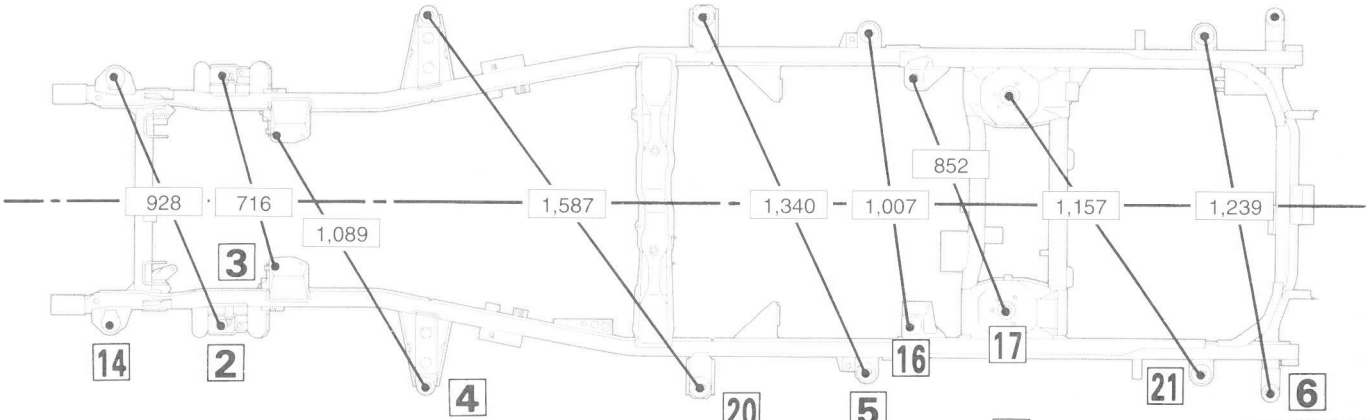
NOTES: The * mark indicates the mounting position for the frame centring gauge.

[Vehicles for Europe]
[Vehicles for General Export (4M40, 6G72, 6G74)]
[Vehicles for GCC (4M40, 6G74)]
[Vehicles for Australia]

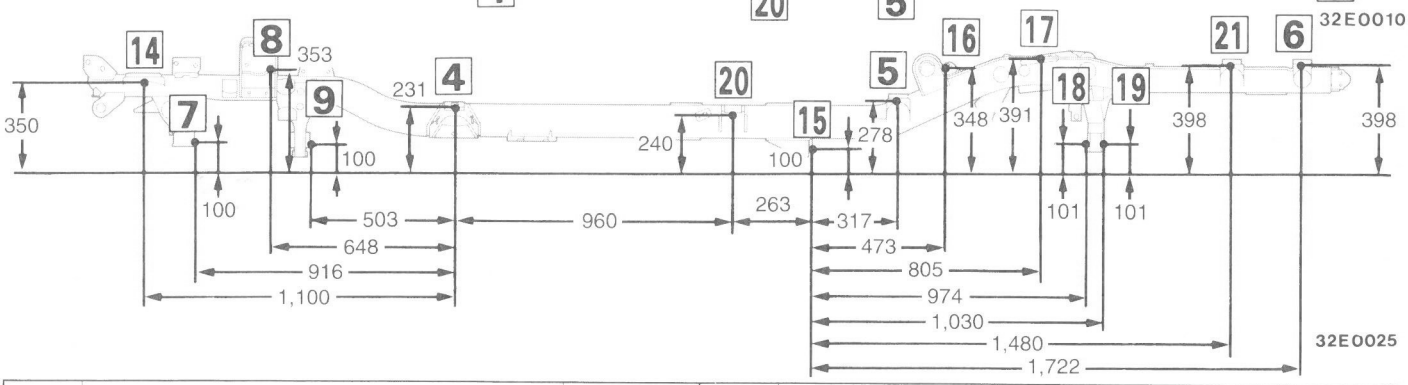
mm



32E0009



32E0010



32E0025

No.	Standard measurement point	Hole shape – Size mm	No.	Standard measurement point	Hole shape – Size mm
2	Centre of shock absorber mounting hole	○ – 15	14*	Centre of body mounting hole	▭ – 30×38
3	Centre of engine mount mounting hole	○ – 11	15	Centre of lower arm mounting hole	○ – 32
4*	Centre of body mounting hole	▭ – 30×38	16	Centre of shock absorber mounting hole	○ – 15
5*	Centre of body mounting hole	▭ – 30×38	17	Centre of spring seat mounting hole	○ – 32
6*	Centre of body mounting hole	▭ – 30×38	18	Centre of lateral rod mounting hole (front side)	○ – 16.2
7	Centre of lower arm mounting hole	○ – 15	19	Centre of lateral rod mounting hole (rear side)	○ – 16.2
8	Centre of upper arm mounting hole	○ – 12.5	20*	Centre of body mounting hole	▭ – 30×38
9	Centre of lower arm mounting hole	○ – 40	21*	Centre of body mounting hole	▭ – 30×38

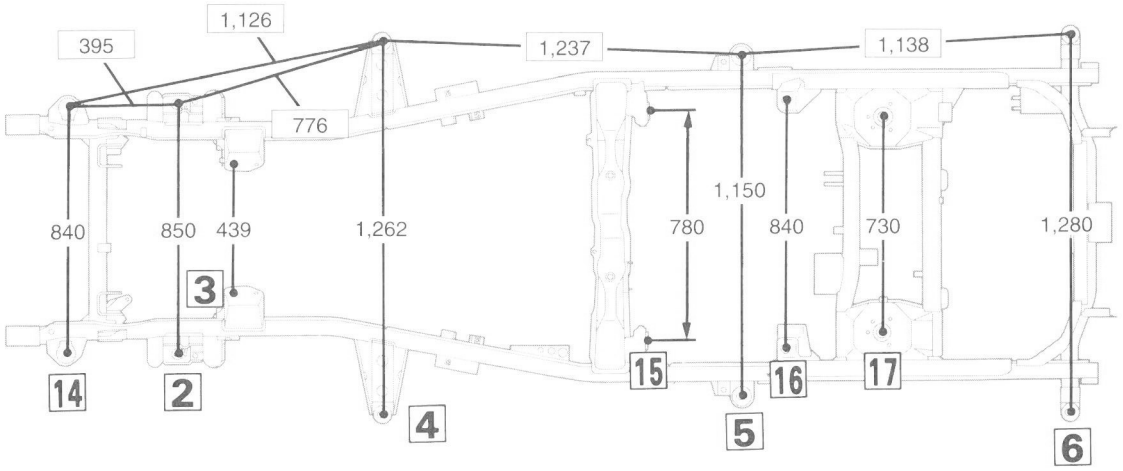
NOTES: The * mark indicates the mounting position for the frame centring gauge.

TYPE B (ACTUAL-MEASUREMENT DIMENSIONS)

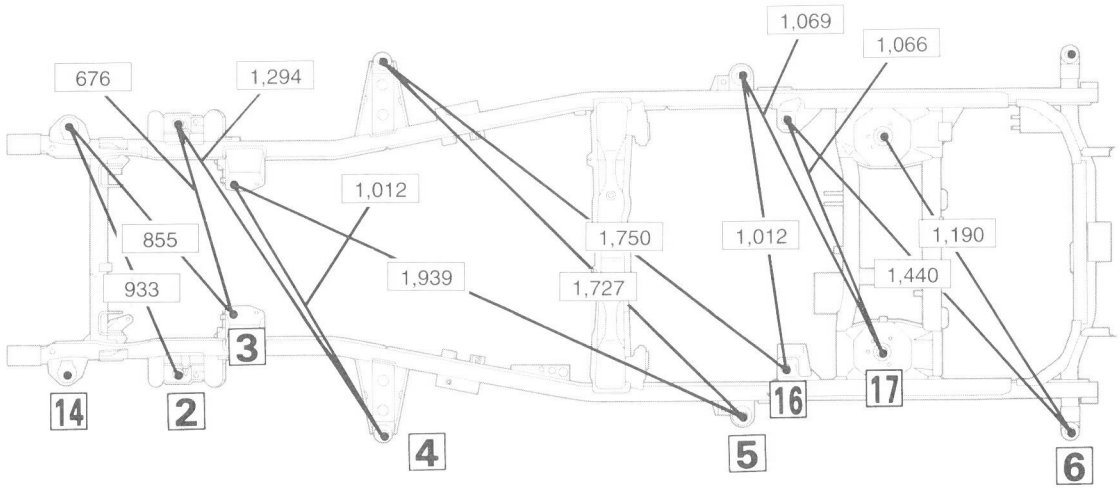
FRAME

<2-door models (3 link coil spring type rear suspension)>
[Vehicles for General Export (4D56)]
[Vehicles for GCC (4D56, 6G72)]

mm



32E0023



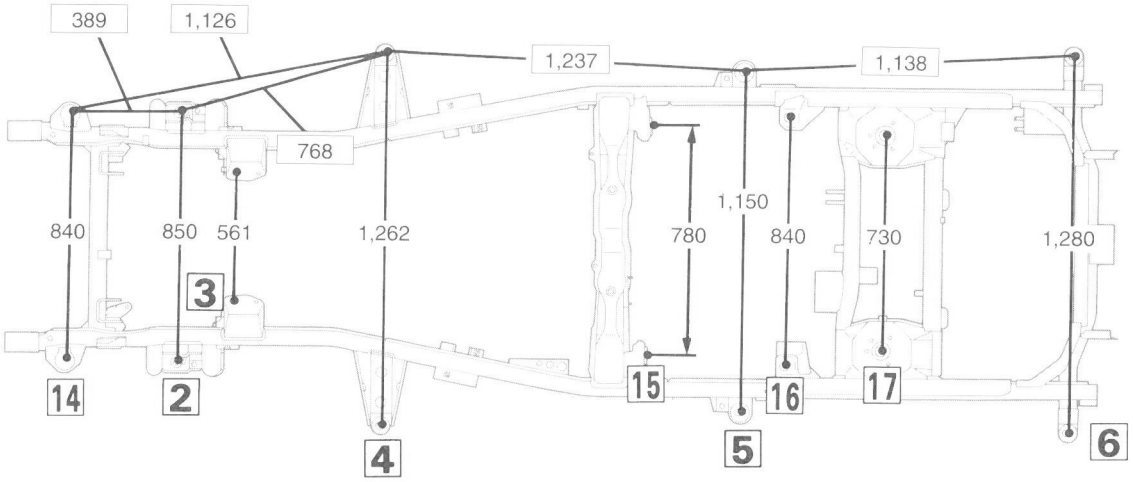
32E0024

No.	Standard measurement point	Hole shape – Size mm
2	Centre of shock absorber mounting hole	○ – 15
3	Centre of engine mount mounting hole	○ – 11
4	Centre of body mounting hole	▭ – 30×38
5	Centre of body mounting hole	▭ – 30×38
6	Centre of body mounting hole	▭ – 30×38

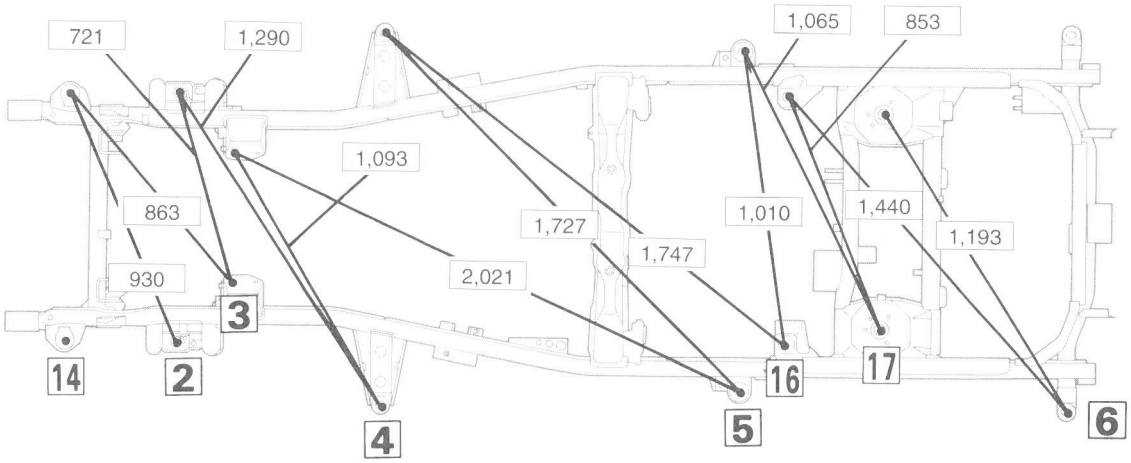
No.	Standard measurement point	Hole shape – Size mm
14	Centre of body mounting hole	▭ – 30×38
15	Centre of lower arm mounting hole	○ – 32
16	Centre of shock absorber mounting hole	○ – 15
17	Centre of spring seat mounting hole	○ – 32

[Vehicles for Europe]
[Vehicles for General Export (6G72, 6G74)]
[Vehicles for GCC (6G74)]
[Vehicles for Australia]

mm



32E0023



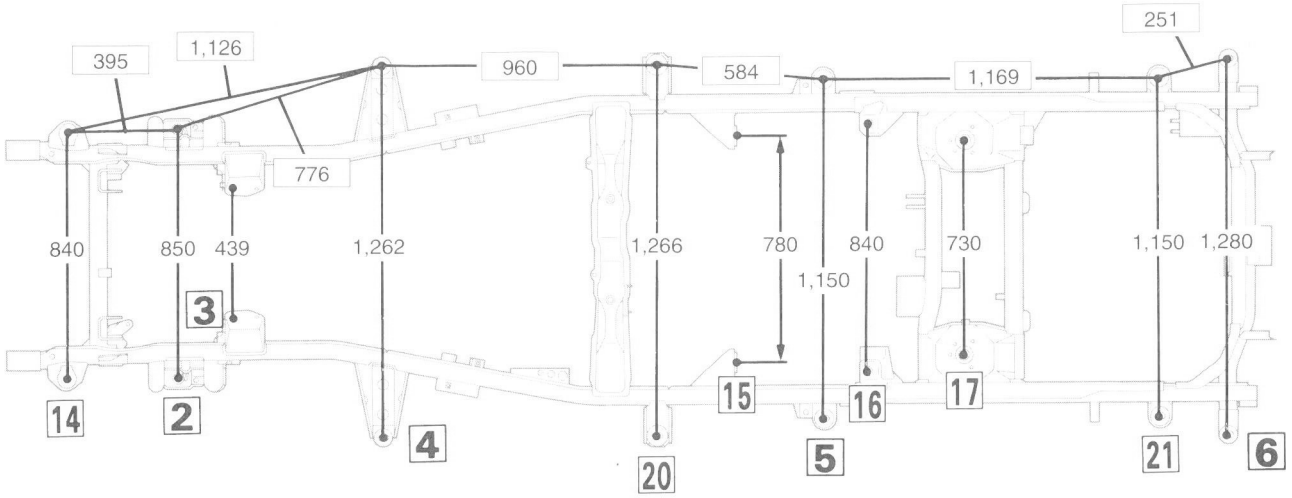
32E0024

No.	Standard measurement point	Hole shape – Size mm
2	Centre of shock absorber mounting hole	○ – 15
3	Centre of engine mount mounting hole	○ – 11
4	Centre of body mounting hole	▭ – 30×38
5	Centre of body mounting hole	▭ – 30×38
6	Centre of body mounting hole	▭ – 30×38

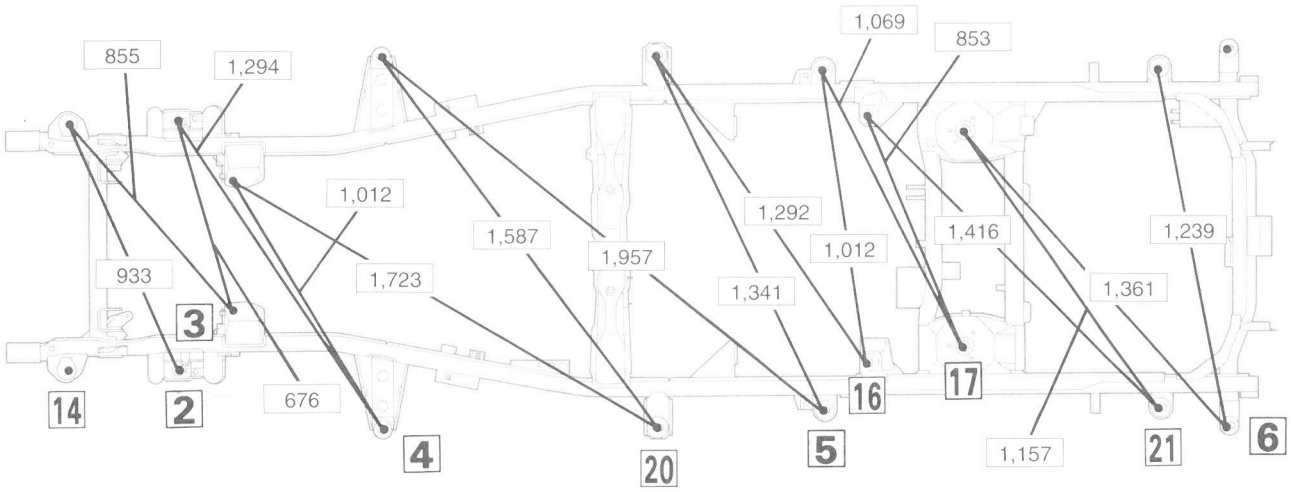
No.	Standard measurement point	Hole shape – Size mm
14	Centre of body mounting hole	▭ – 30×38
15	Centre of lower arm mounting hole	○ – 32
16	Centre of shock absorber mounting hole	○ – 15
17	Centre of spring seat mounting hole	○ – 32

<4-door models (3 link coil spring type rear suspension)>
[Vehicles for General Export (4D56)]
[Vehicles for GCC (6G72)]

mm



32E0011



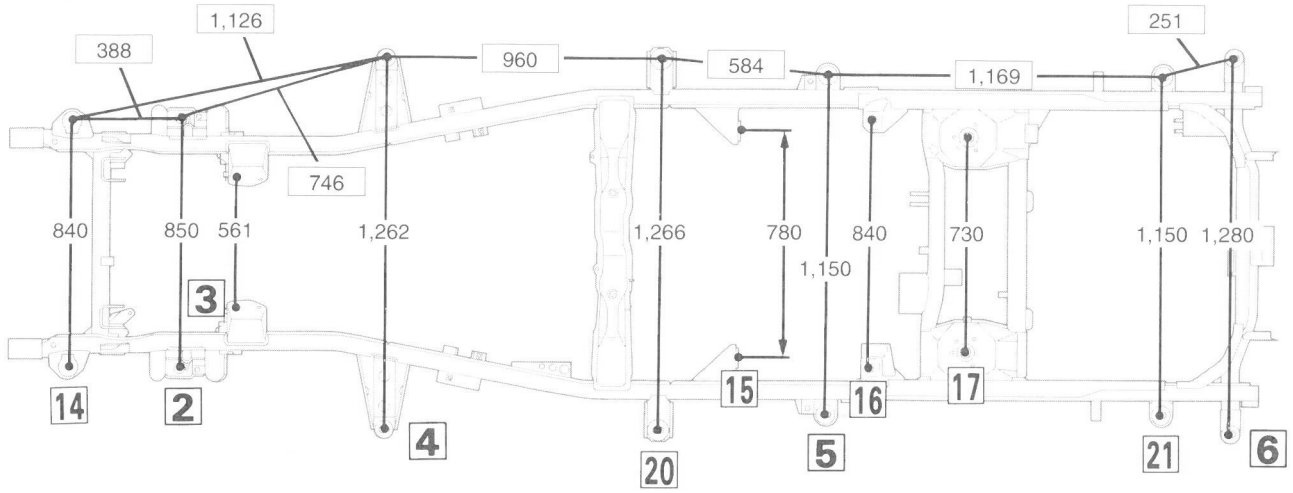
32E0012

No.	Standard measurement point	Hole shape – Size mm
2	Centre of shock absorber mounting hole	○ – 15
3	Centre of engine mount mounting hole	○ – 11
4	Centre of body mounting hole	▭ – 30×38
5	Centre of body mounting hole	▭ – 30×38
6	Centre of body mounting hole	▭ – 30×38
14	Centre of body mounting hole	▭ – 30×38

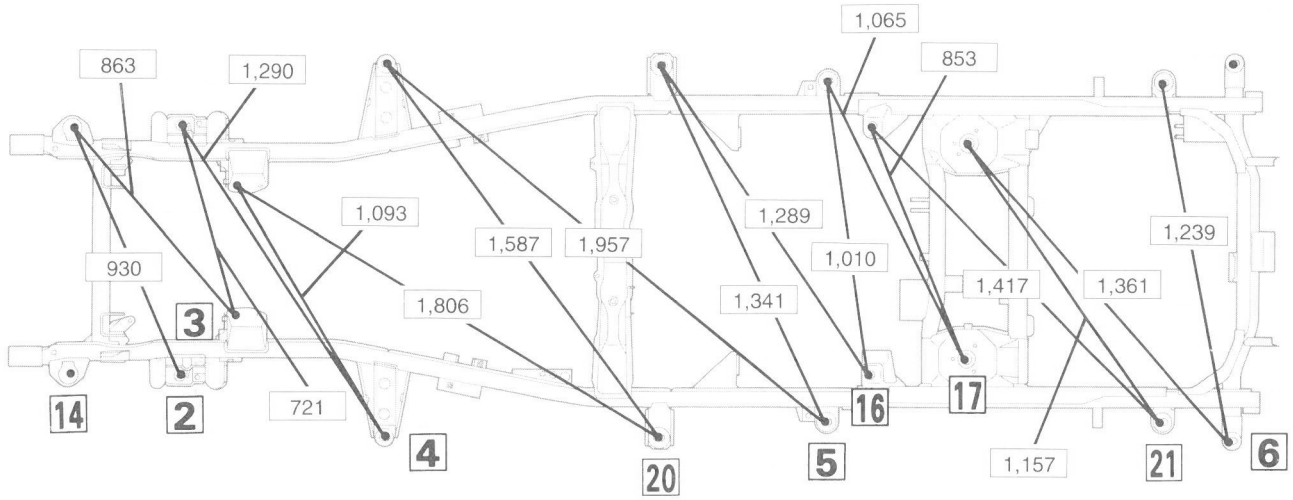
No.	Standard measurement point	Hole shape – Size mm
15	Centre of lower arm mounting hole	○ – 32
16	Centre of shock absorber mounting hole	○ – 15
17	Centre of spring seat mounting hole	○ – 32
20	Centre of body mounting hole	▭ – 30×38
21	Centre of body mounting hole	▭ – 30×38

[Vehicles for Europe]
[Vehicles for General Export (4M40, 6G72, 6G74)]
[Vehicles for GCC (4M40, 6G74)]
[Vehicles for Australia]

mm



32E0011



32E0012

No.	Standard measurement point	Hole shape – Size mm
2	Centre of shock absorber mounting hole	○ – 15
3	Centre of engine mount mounting hole	○ – 11
4	Centre of body mounting hole	▭ – 30×38
5	Centre of body mounting hole	▭ – 30×38
6	Centre of body mounting hole	▭ – 30×38
14	Centre of body mounting hole	▭ – 30×38

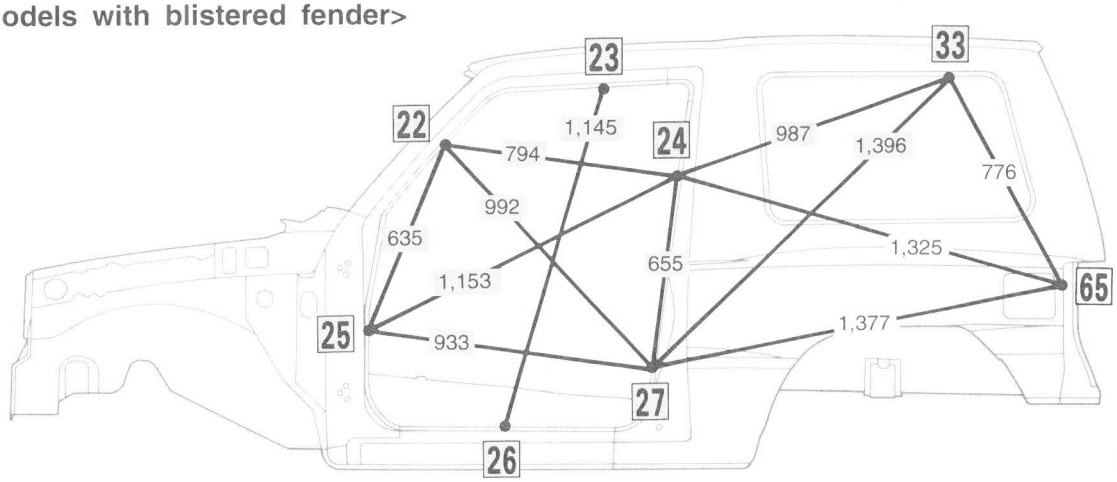
No.	Standard measurement point	Hole shape – Size mm
15	Centre of lower arm mounting hole	○ – 32
16	Centre of shock absorber mounting hole	○ – 15
17	Centre of spring seat mounting hole	○ – 32
20	Centre of body mounting hole	▭ – 30×38
21	Centre of body mounting hole	▭ – 30×38

SIDE BODY

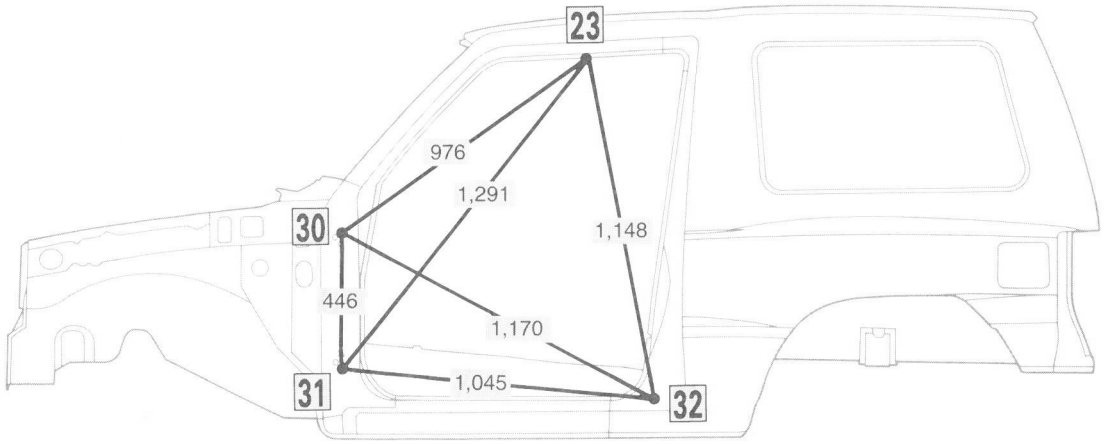
Standard dimensions have been added for the side body in vehicles with blister fender. Other dimensions are the same as before.

<2-door models with blistered fender>

mm

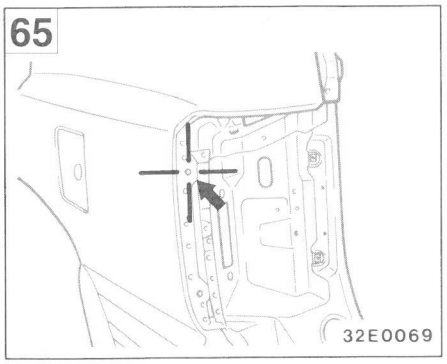


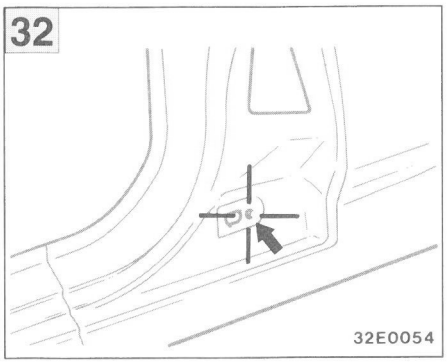
32E0065



32E0066

: Indicates dimensions and measurement points which are the same as for previous vehicles.



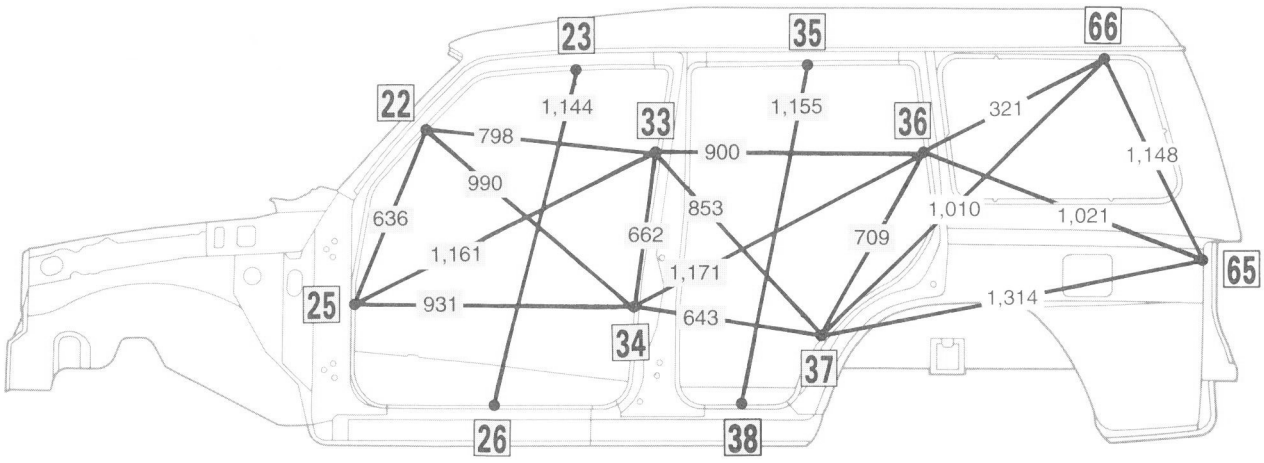


No.	Standard measurement point	Hole shape – Size mm
22	Front pillar outer notch	–
23	Front pillar outer notch	–
24	Quarter outer panel notch	–
25	Front pillar outer notch	–
26	Front side sill outer notch	–
27	Quarter outer panel notch	–

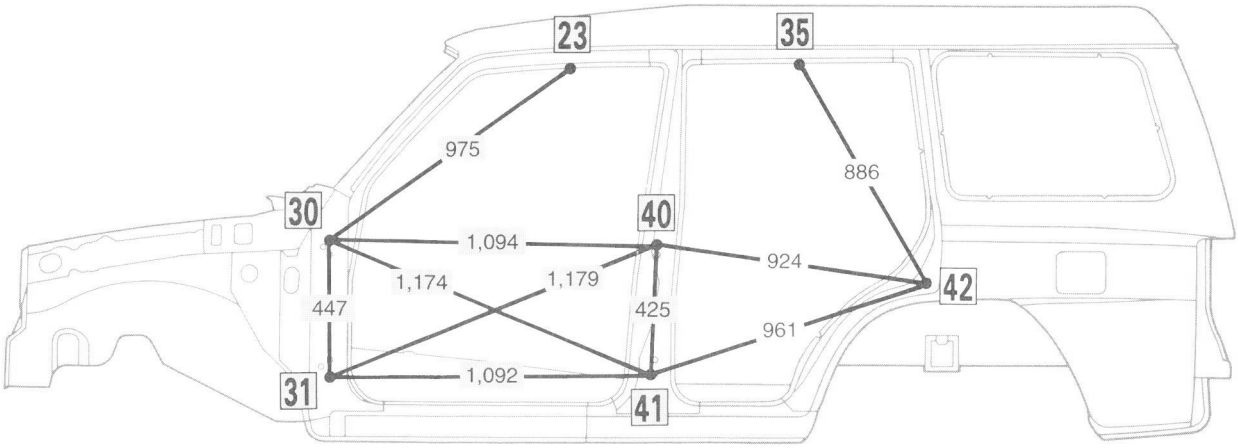
No.	Standard measurement point	Hole shape – Size mm
30	Centre of front door hinge mounting hole	○ – 11
31	Centre of front door hinge mounting hole	○ – 11
32	Centre of front door switch mounting hole	○ – 5
33	Quarter outer panel notch	–
65	Centre of rear combination lamp mounting hole	○ – 10

<4-door models with blistered fender>

mm

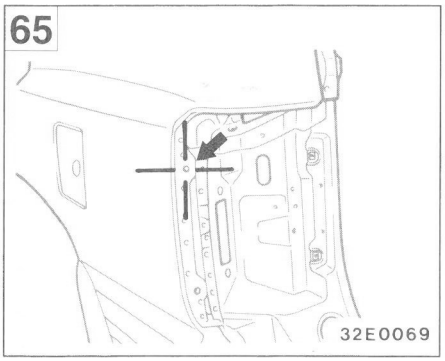


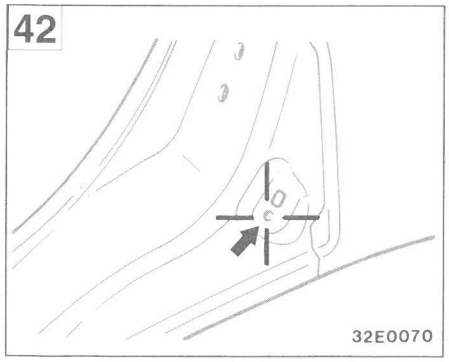
32E0067



: Indicates dimensions and measurement points which are the same as for previous vehicles.

32E0068





No.	Standard measurement point	Hole shape – Size mm
22	Front pillar outer notch	–
23	Front pillar outer notch	–
25	Front pillar outer notch	–
26	Front side sill outer notch	–
30	Centre of front door hinge mounting hole	○ – 11
31	Centre of front door hinge mounting hole	○ – 11
33	Centre pillar outer notch	–
34	Centre pillar outer notch	–
35	Side roof rail outer notch	–

No.	Standard measurement point	Hole shape – Size mm
36	Quarter outer panel notch	–
37	Quarter outer front panel notch	–
38	Side sill outer rear extension notch	–
40	Centre of rear door hinge mounting hole	○ – 11
41	Centre of rear door hinge mounting hole	○ – 11
42	Centre of rear door switch mounting hole	○ – 5
65	Centre of rear combination lamp mounting hole	○ – 10
66	Quarter outer panel notch	–

3 WELDED PANEL REPLACEMENT

QUARTER, OUTER 3-2

4 CORROSION PROTECTION

ANTICORROSION PRIMER LOCATIONS 4-1

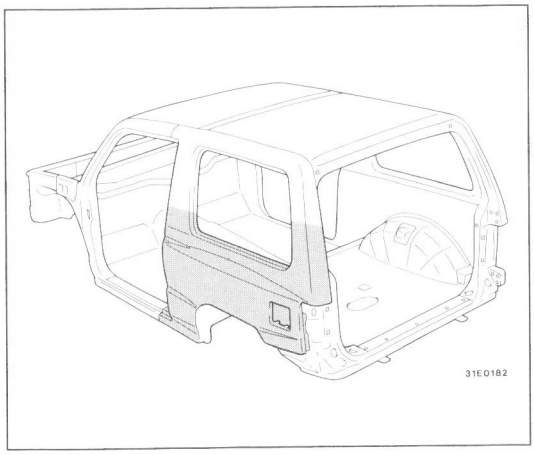
5 SYNTHETIC-RESIN PARTS

LOCATION OF SYNTHETIC-RESIN PARTS 5-1

3 WELDED PANEL REPLACEMENT

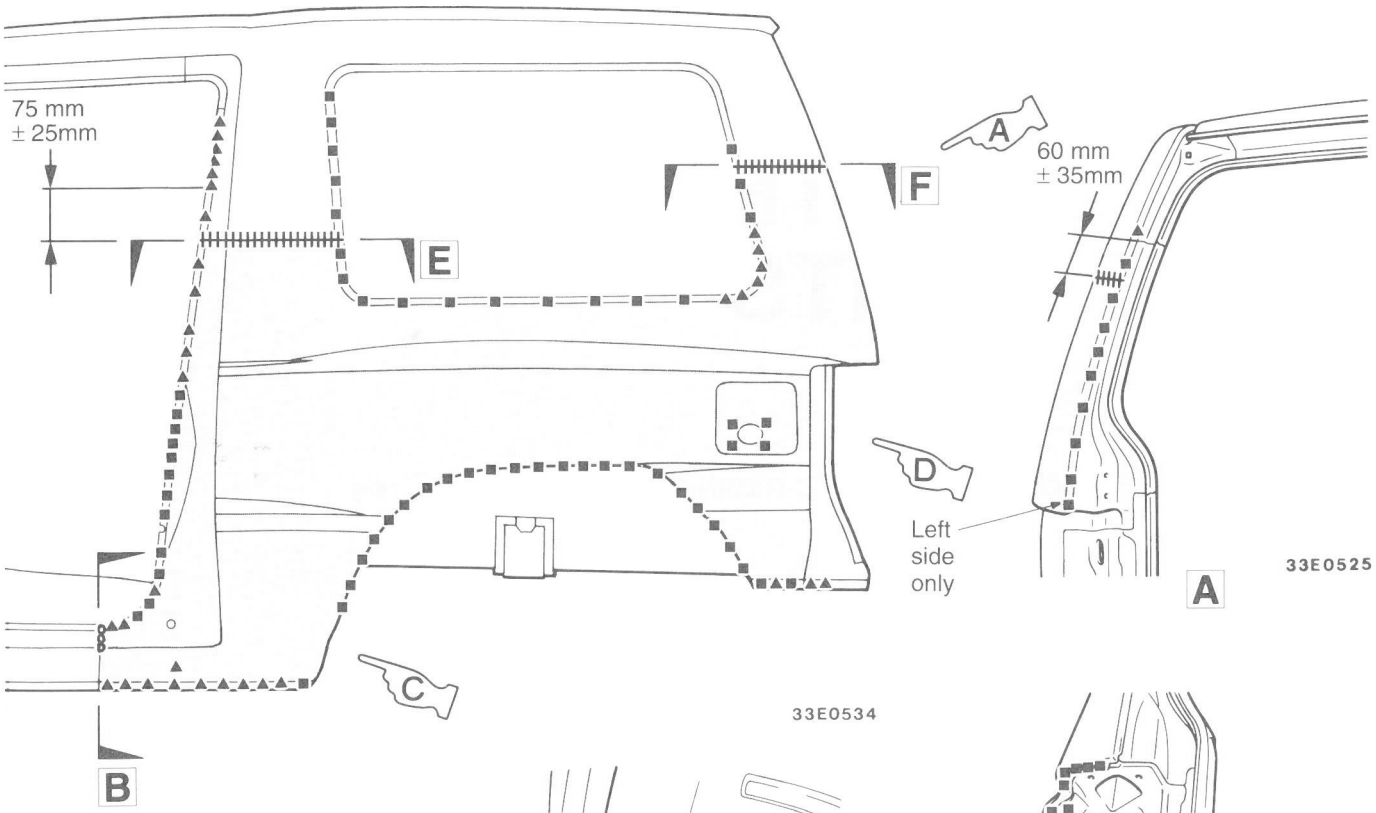
QUARTER, OUTER

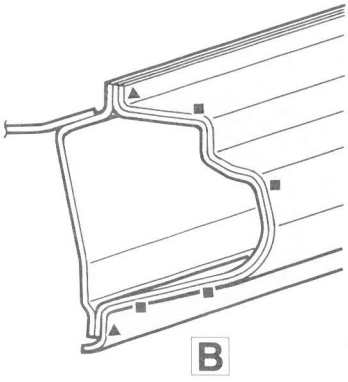
<2-door models with blistered fender>

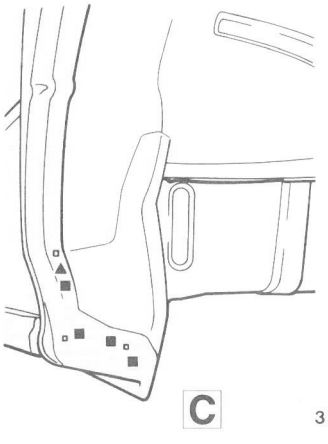


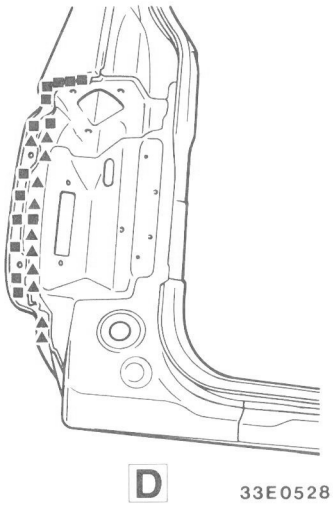
Symbol	Operation description
● ● ● ●	Spot welding
■ ■ ▲ ▲	MIG plug welding ■ indicates two panels to be welded ▲ indicates three panels to be welded
+ + + +	MIG spot welding
⫴⫴⫴⫴⫴⫴⫴⫴	MIG arc welding (continuous)
∞∞∞∞∞∞∞∞	Braze welding
	Anti-corrosion agent application locations (Use access holes to apply liberally to butt-welded joints.)

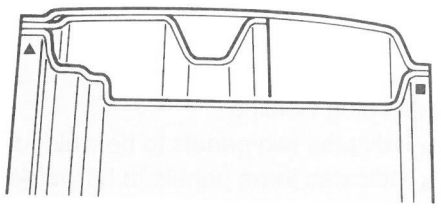
REPAIR WELDS



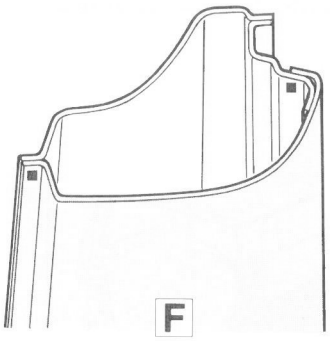




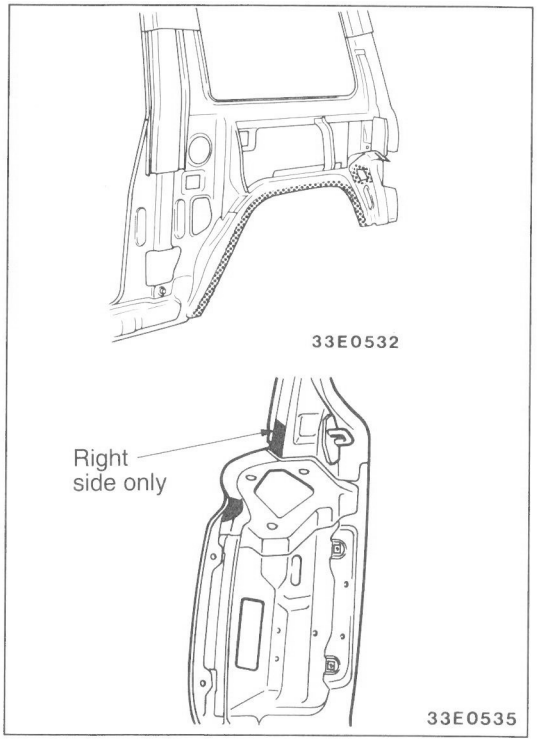




E 33E0529



F 33E0530



NOTES WITH REGARD TO REPAIR WORK

INSTALLATION

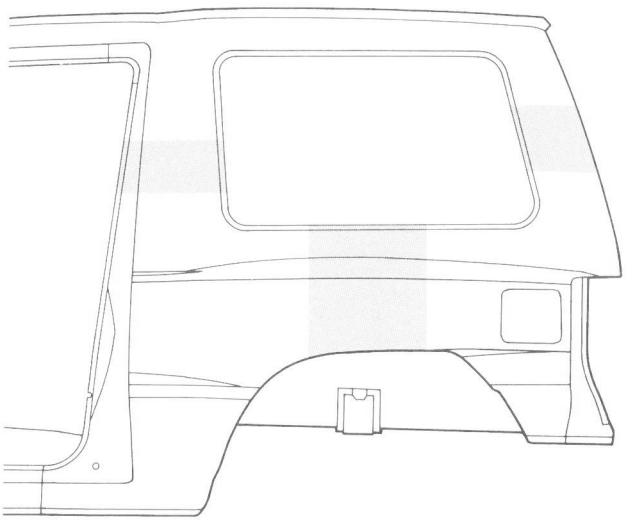
Apply body sealant and adhesive to the wheel arch and the rear lamp housing on the body side.

▒: Body sealant
■: Adhesive

Adhesive	Type	Brand
	Epoxyresin adhesive	3M DP-420

3

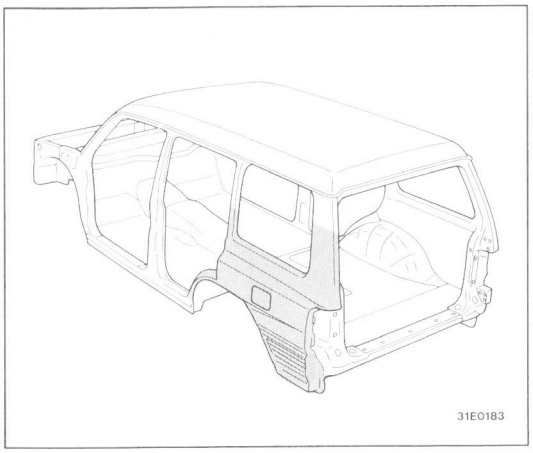
NOTE
Parts can also be replaced depending on the extent of the damage.



31E0178

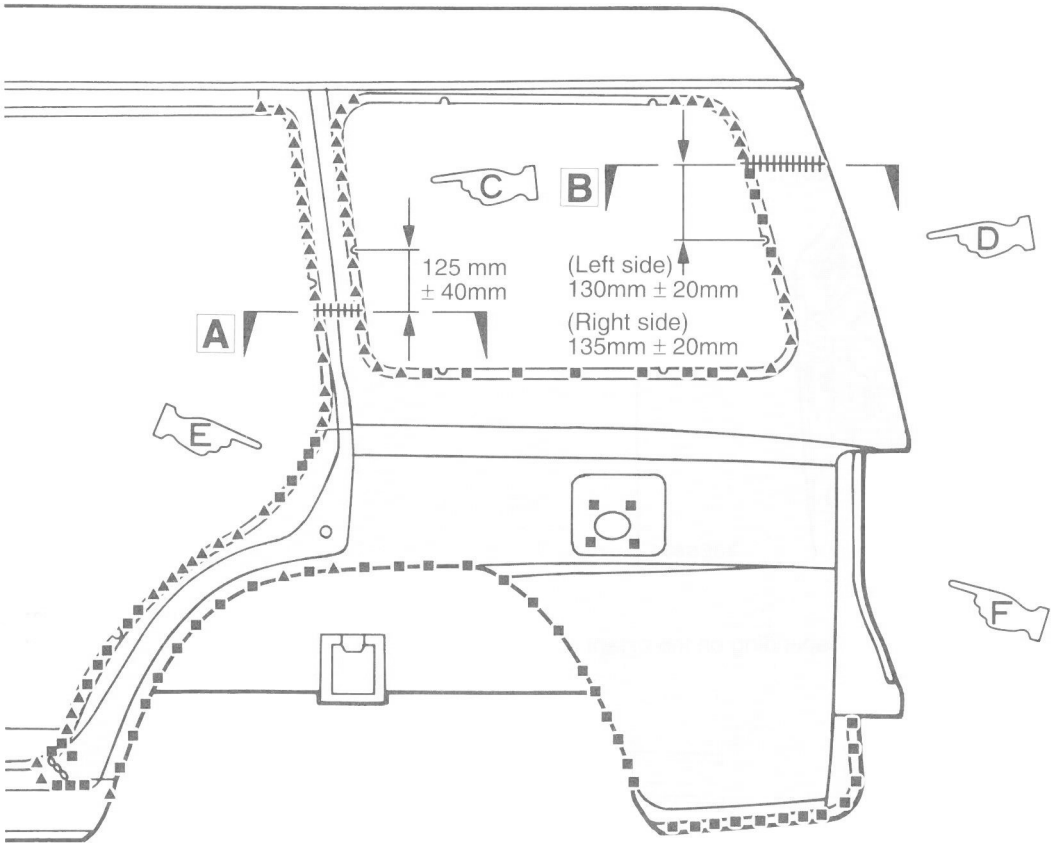
▭: Area that can be cut

<4-door models with blistered fender>

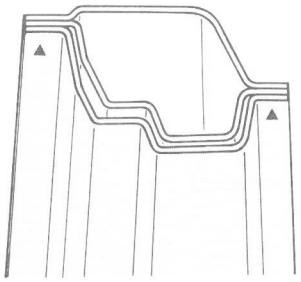


Symbol	Operation description
● ● ● ●	Spot welding
■ ■ ▲ ▲	MIG plug welding ■ indicates two panels to be welded ▲ indicates three panels to be welded
+ + + +	MIG spot welding
⫴⫴⫴⫴⫴⫴⫴⫴⫴⫴	MIG arc welding (continuous)
∞∞∞∞∞∞∞∞∞∞	Braze welding
	Anti-corrosion agent application locations (Use access holes to apply liberally to butt-welded joints.)

REPAIR WELDS

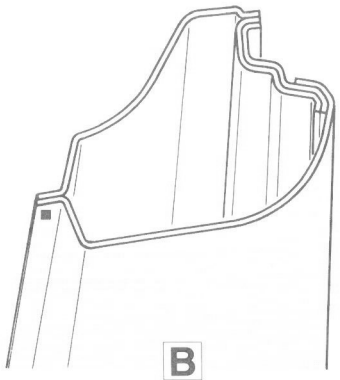


33E0533



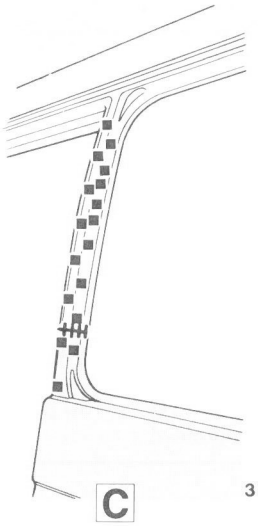
33E0520

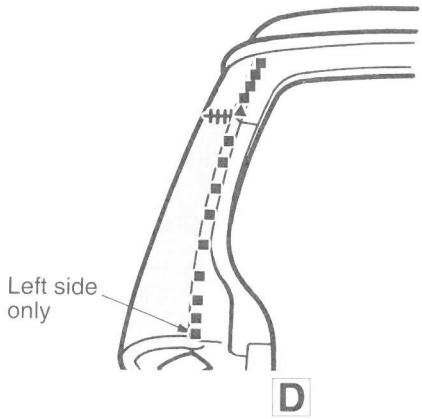
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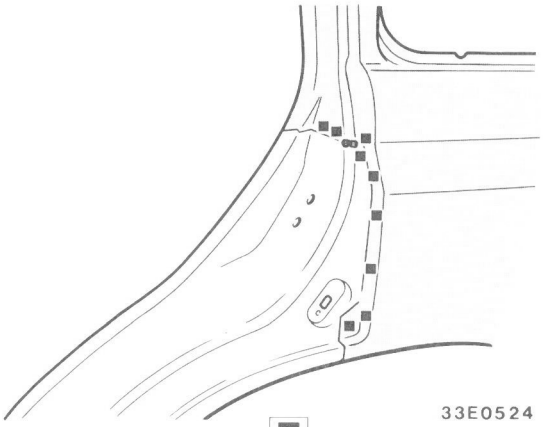
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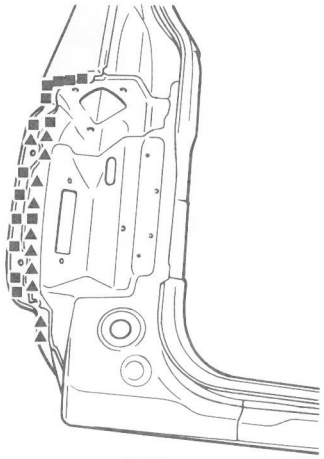
33E0521

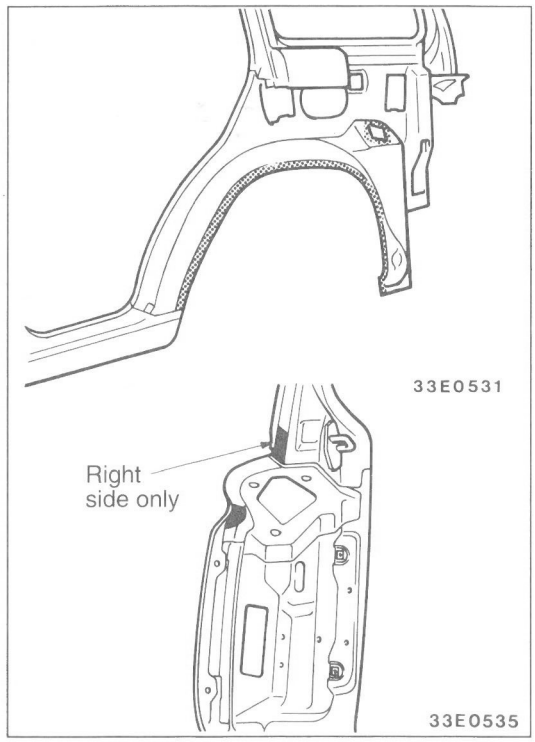

C
33E0522



D
33E0523


E
33E0524


F
33E0528



NOTES WITH REGARD TO REPAIR WORK

REMOVAL

Be careful not to damage the quarter outer reinforcement when cutting the quarter outer panel.

Caution
If the quarter outer reinforcement becomes damaged, repair it by welding.

INSTALLATION

Apply body sealant and adhesive to the wheel arch and the rear lamp housing on the body side.

: Body sealant
: Adhesive

Adhesive	Type	Brand
	Epoxyresin adhesive	3M DP-420

3

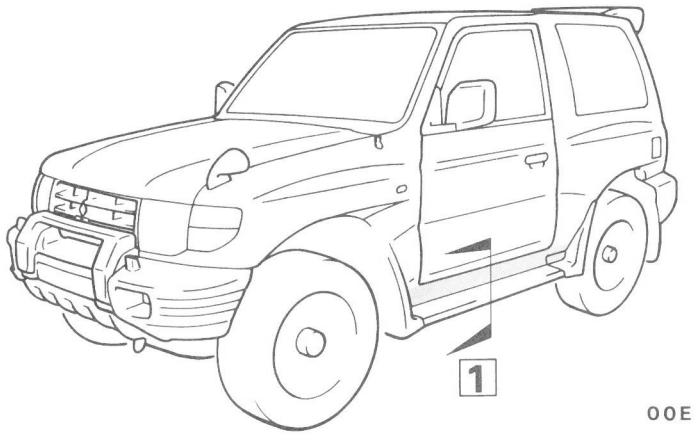
4 CORROSION PROTECTION

ANTICORROSION PRIMER LOCATIONS

An anticorrosion primer has been applied to the side sill outer panel, the lower edge of the front fender and the lower edge of the outer quarter panel for the purposes of corrosion prevention and abrasion protection. If any of these panels are replaced, apply an anticorrosion primer between the under coat and the second coat, as shown in the following illustrations.

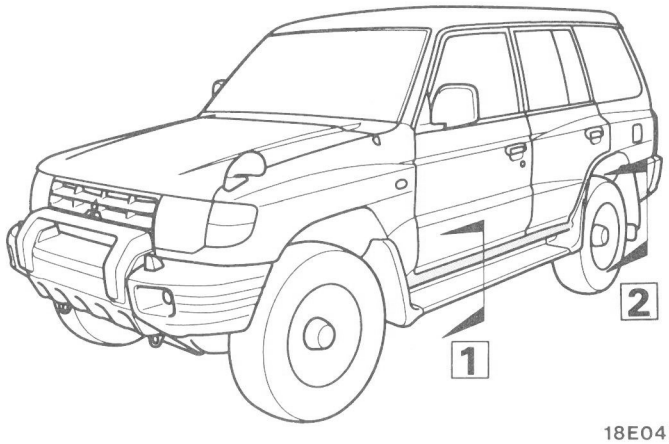
Primer name	Recommended primer	Coating thickness
Rocker panel primer	Glasurit FX89-7330 (polyester basis) or FT90-7103 (water basis) or equivalent	400 μ or more.

<2-door models with blistered fender>

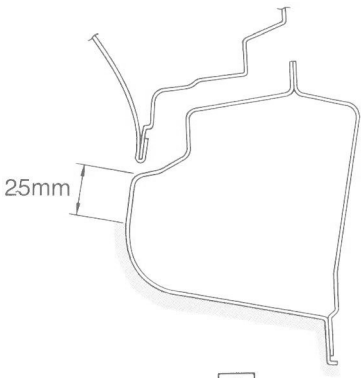


00E0101

<4-door models with blistered fender>



18E0470



30E0060

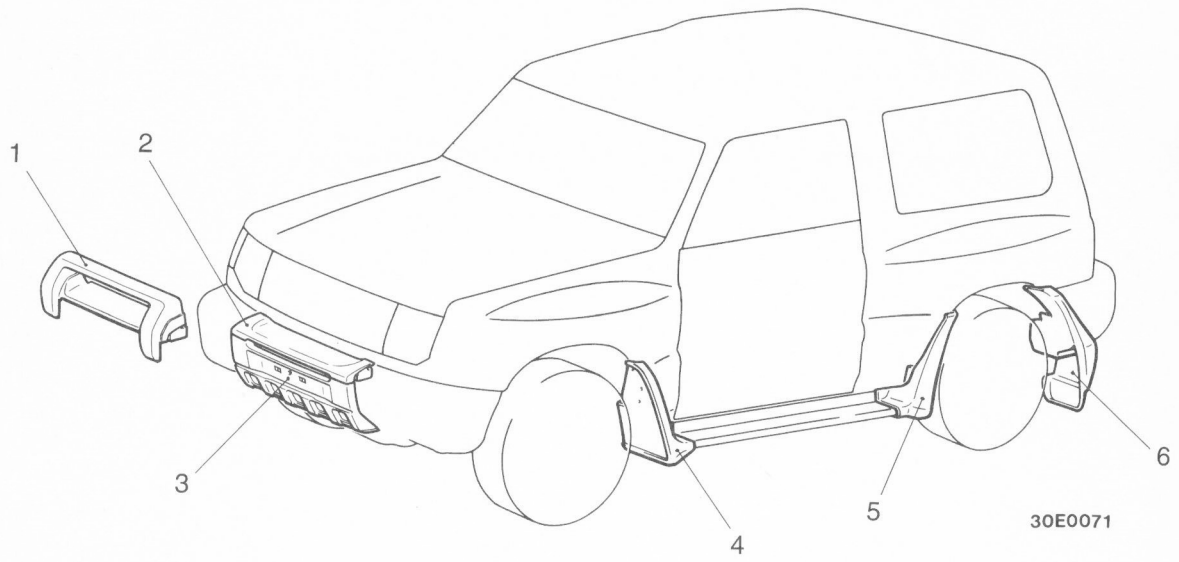


30E0057

5 SYNTHETIC-RESIN PARTS

LOCATION OF SYNTHETIC-RESIN PARTS

<Vehicles with blistered fender>



No.	Part name	Name of resin	Abbreviation	Heat-withstand temp. [°C]
1 2 3	Grille guard Front bumper center upper garnish Front bumper center lower garnish	Polypropylene	PP	80 – 120
4 5 6	Front mud guard Rear step cover Rear mud guard	Thermoplastic elastomer (olefine)	TPO (TEO)	80 – 100

NOTES
(1) The material symbols for synthetic-resin parts are embossed on the parts in hidden places.
(2) If the new material symbols designated by the ISO differ from the old symbols, both are given, with the old symbol being enclosed in brackets.
ISO: International Organization for Standardization

6 BODY COLOUR

BODY COLOUR CHARTS 6-3
BODY COLOURING 6-4

8 REFERENCE MATERIAL

INSTALLATION AND REMOVAL OF ADHESIVE COMPONENTS 8-4
FRONT MUD GUARD AND REAR STEP COVER 8-4
ADJUSTMENT OF OTHER PARTS 8-7
FRONT FOG LAMP AIMING 8-11

6 BODY COLOUR

BODY COLOUR CHARTS

Check the vehicle's body colour code, and then use this body colour chart to determine the refinishing paint supplier from which the colour can be purchased.

[Vehicles for Europe]

Paint used by manufacturer	Colour	Body colour code		Colour number	Body colour name	Composition of film	Engine compartment and luggage compartment colour	
							Colour number	Colour
	GRAY	A37		AC11237	Legato Gray	Metallic	AC10904	BLACK
	SILVER	A69		AC11169	Satellite Silver	Metallic	AC10595	GRAY
	DARK BLUE	T38		AC11238	Nares Blue	Interference pearl	AC10757	BLUE
	GRAY-BLUE	T48		AC11248	Meteor Gray	Coloured pearl	AC11261	GRAY
	BEIGE	S74		AC11174	Fraser Beige	Metallic	AC10845	BEIGE
	BLUE-GREEN	F50		AC11250	Seram Green	Interference pearl	AC11132	DARK GREEN
	DARK GREEN	F76		AC11176	Alamoana Green	Metallic	AC11132	DARK GREEN
	DARK OLIVE	L77		AC11177	Gold Leaf Olive	Interference pearl	AC10903	BLACK
	WHITE	W09		AC10809	Sophia White	Solid	AC10739	WHITE
	RED	P78		AC11178	Roanne Red	Coloured pearl	AC10632	MAROON
	RED	P85		AC11185	Palma Red	Solid	AC10795	RED
	GRAY	* A37A69	A37	AC11237	Legato Gray	Metallic	AC10904	BLACK
	SILVER		A69	AC11169	Satellite Silver	Metallic		
	SILVER	* A69A37	A69	AC11169	Satellite Silver	Metallic	AC10595	GRAY
	GRAY		A37	AC11237	Legato Gray	Metallic		
	DARK BLUE	* T38A69	T38	AC11238	Nares Blue	Interference pearl	AC10757	BLUE
	SILVER		A69	AC11169	Satellite Silver	Metallic		
	GRAY-BLUE	* T48A69	T48	AC11248	Meteor Gray	Coloured pearl	AC11261	GRAY
	SILVER		A69	AC11169	Satellite Silver	Metallic		
	BEIGE	* S74A69	S74	AC11174	Fraser Beige	Metallic	AC10845	BEIGE
	SILVER		A69	AC11169	Satellite Silver	Metallic		
	BLUE-GREEN	* F50S74	F50	AC11250	Seram Green	Interference pearl	AC11132	DARK GREEN
	BEIGE		S74	AC11174	Fraser Beige	Metallic		
	DARK GREEN	* F76S74	F76	AC11176	Alamoana Green	Metallic	AC11132	DARK GREEN
	BEIGE		S74	AC11174	Fraser Beige	Metallic		
	DARK OLIVE	* L77S74	L77	AC11177	Gold Leaf Olive	Interference pearl	AC10903	BLACK
	BEIGE		S74	AC11174	Fraser Beige	Metallic		
	WHITE	* W09A24	W09	AC10809	Sophia White	Solid	AC10739	WHITE
	DARK GRAY		A24	AC10724	Dark Gray	Metallic		
	WHITE	* W09A69	W09	AC10809	Sophia White	Solid	AC10739	WHITE
	SILVER		A69	AC11169	Satellite Silver	Metallic		

NOTE
*: Two-tone body colour.

Paint used by manufacturer	Colour	Body colour code		Colour number	Body colour name	Composition of film	Engine compartment and luggage compartment colour	
							Colour number	Colour
	RED	* P78A24	P78	AC11178	Roanne Red	Coloured pearl	AC10632	MAROON
	DARK GRAY		A24	AC10724	Dark Gray	Metallic		
	RED	* P78S74	A78	AC11178	Roanne Red	Coloured pearl	AC10632	MAROON
	BEIGE		S74	AC11174	Fraser Beige	Metallic		
	RED	* P85A24	P85	AC11185	Palma Red	Solid	AC10795	RED
	DARK GRAY		A24	AC10724	Dark Gray	Metallic		
	RED	* P85A69	P85	AC11185	Palma red	Solid	AC10795	RED
	SILVER		A69	AC11169	Satellite Silver	Metallic		

NOTE
*: Two-tone body colour.

[Vehicles for General Export]

Paint used by manufacturer	Colour	Body colour code		Colour number	Body colour name	Composition of film	Engine compartment and luggage compartment colour	
							Colour number	Colour
	GRAY	A37		AC11237	Legato Gray	Metallic	AC10904	BLACK
	SILVER	A69		AC11169	Satellite Silver	Metallic	AC10595	GRAY
	DARK BLUE	T38		AC11238	Nares Blue	Interference pearl	AC10757	BLUE
	GRAY-BLUE	T48		AC11248	Meteor Gray	Coloured pearl	AC11261	GRAY
	BEIGE	S74		AC11174	Fraser Beige	Metallic	AC10845	BEIGE
	BLUE-GREEN	F50		AC11250	Seram Green	Interference pearl	AC11132	DARK GREEN
	DARK GREEN	F76		AC11176	Alamoana Green	Metallic	AC11132	DARK GREEN
	DARK OLIVE	L77		AC11177	Gold Leaf Olive	Interference pearl	AC10903	BLACK
	WHITE	W09		AC10809	Sophia White	Solid	AC10739	WHITE
	RED	P85		AC11185	Palma Red	Solid	AC10795	RED
✓	GRAY	* A37A69	A37	AC11237	Legato Gray	Metallic	AC10904	BLACK
✓	SILVER		A69	AC11169	Satellite Silver	Metallic		
✓	SILVER	* A69A37	A69	AC11169	Satellite Silver	Metallic	AC10595	GRAY
✓	GRAY		A37	AC11237	Legato Gray	Metallic		
✓	DARK BLUE	* T38A69	T38	AC11238	Nares Blue	Interference pearl	AC10757	BLUE
✓	SILVER		A69	AC11169	Satellite Silver	Metallic		
✓	GRAY-BLUE	* T48A69	T48	AC11248	Meteor Gray	Coloured pearl	AC11261	GRAY
✓	SILVER		A69	AC11169	Satellite Silver	Metallic		
✓	BLUE-GREEN	* F50S74	F50	AC11250	Seram Green	Interference pearl	AC11132	DARK GREEN
✓	BEIGE		S74	AC11174	Fraser Beige	Metallic		
✓	DARK GREEN	* F76S74	F76	AC11176	Alamoana Green	Metallic	AC11132	DARK GREEN
✓	BEIGE		S74	AC11174	Fraser Beige	Metallic		
✓	DARK OLIVE	* L77S74	L77	AC11177	Gold Leaf Olive	Interference pearl	AC10903	BLACK
✓	BEIGE		S74	AC11174	Fraser Beige	Metallic		
✓	WHITE	* W09A69	W09	AC10809	Sophia White	Solid	AC10739	WHITE
✓	SILVER		A69	AC11169	Satellite Silver	Metallic		
✓	RED	* P78S74	P78	AC11178	Roanne Red	Coloured pearl	AC10632	MAROON
✓	BEIGE		S74	AC11174	Fraser Beige	Metallic		
✓	RED	* P85A69	P85	AC11185	Palma Red	Solid	AC10795	RED
✓	SILVER		A69	AC11169	Satellite Silver	Metallic		

NOTE
*: Two-tone body colour.

[Vehicles for GCC]

Paint used by manufacturer

Colour	Body colour code	Colour number	Body colour name	Composition of film	Engine compartment and luggage compartment colour	
					Colour number	Colour
GRAY	A37	AC11237	Legato Gray	Metallic	AC10904	BLACK
SILVER	A69	AC11169	Satellite Silver	Metallic	AC10595	GRAY
DARK BLUE	T38	AC11238	Nares Blue	Interference pearl	AC10757	BLUE
GRAY-BLUE	T48	AC11248	Meteor Gray	Coloured pearl	AC11261	GRAY
BEIGE	S74	AC11174	Fraser Beige	Metallic	AC10845	BEIGE
BLUE-GREEN	F50	AC11250	Seram Green	Interference pearl	AC11132	DARK GREEN
DARK GREEN	F76	AC11176	Alamoana Green	Metallic	AC11132	DARK GREEN
DARK OLIVE	L77	AC11177	Gold Leaf Olive	Interference pearl	AC10903	BLACK
WHITE	W09	AC10809	Sophia White	Solid	AC10739	WHITE
RED	P85	AC11185	Palma Red	Solid	AC10795	RED
GRAY	* A37A69	A37	AC11237	Legato Gray	Metallic	AC10904	BLACK
SILVER		A69	AC11169	Satellite Silver	Metallic		
SILVER	* A69A37	A69	AC11169	Satellite Silver	Metallic	AC10595	GRAY
GRAY		A37	AC11237	Legato Gray	Metallic		
DARK BLUE	* T38A69	T38	AC11238	Nares Blue	Interference pearl	AC10757	BLUE
SILVER		A69	AC11169	Satellite Silver	Metallic		
GRAY-BLUE	* T48A69	T48	AC11248	Meteor Gray	Coloured pearl	AC11261	GRAY
SILVER		A69	AC11169	Satellite Silver	Metallic		
BLUE-GREEN	* F50S74	F50	AC11250	Seram Green	Interference pearl	AC11132	DARK GREEN
BEIGE		S74	AC11174	Fraser Beige	Metallic		
DARK GREEN	* F76S74	F76	AC11176	Alamoana Green	Metallic	AC11132	DARK GREEN
BEIGE		S74	AC11174	Fraser Beige	Metallic		
DARK OLIVE	* L77S74	L77	AC11177	Gold Leaf Olive	Interference pearl	AC10903	BLACK
BEIGE		S74	AC11174	Fraser Beige	Metallic		
WHITE	* W09A24	W09	AC10809	Sophia White	Solid	AC10739	WHITE
DARK GRAY		A24	AC10724	Dark Gray	Metallic		
WHITE	* W09A69	W09	AC10809	Sophia White	Solid	AC10739	WHITE
SILVER		A69	AC11169	Satellite Silver	Metallic		
RED	* P78S74	P78	AC11178	Roanne Red	Coloured pearl	AC10632	MAROON
BEIGE		S74	AC11174	Fraser Beige	Metallic		
RED	* P85A24	P85	AC11185	Palma Red	Solid	AC10795	RED
DARK GRAY		A24	AC10724	Dark Gray	Metallic		
RED	* P85A69	P85	AC11185	Palma Red	Solid	AC10795	RED
SILVER		A69	AC11169	Satellite Silver	Metallic		

NOTE
*: Two-tone body colour.

6

[Vehicles for Australia]

Paint used by manufacturer

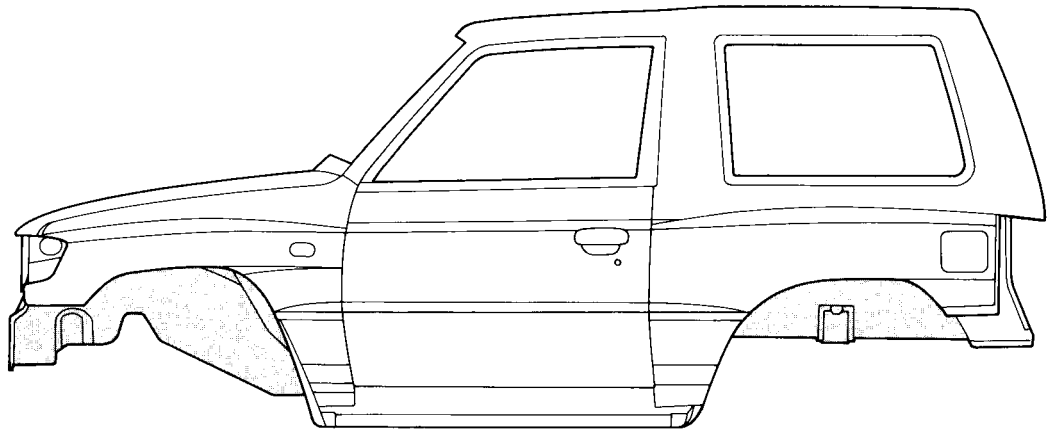
Colour	Body colour code		Colour number	Body colour name	Composition of film	Engine compartment and luggage compartment colour	
						Colour number	Colour
GRAY	A37		AC11237	Legato Gray	Metallic	AC10904	BLACK
SILVER	A69		AC11169	Satellite Silver	Metallic	AC10595	GRAY
DARK BLUE	T38		AC11238	Nares Blue	Interference pearl	AC10757	BLUE
GRAY-BLUE	T48		AC11248	Meteor Gray	Coloured pearl	AC11261	GRAY
BLUE-GREEN	F50		AC11250	Seram Green	Interference pearl	AC11132	DARK GREEN
DARK GREEN	F76		AC11176	Alamoana Green	Metallic	AC11132	DARK GREEN
WHITE	W09		AC10809	Sophia White	Solid	AC10739	WHITE
RED	P85		AC11185	Palma Red	Solid	AC10795	RED
GRAY	* A37A69	A37	AC11237	Legato Gray	Metallic	AC10904	BLACK
SILVER		A69	AC11169	Satellite Silver	Metallic		
SILVER	* A69A37	A69	AC11169	Satellite Silver	Metallic	AC10595	GRAY
GRAY		A37	AC11237	Legato Gray	Metallic		
DARK BLUE	* T38A69	T38	AC11238	Nares Blue	Interference pearl	AC10757	BLUE
SILVER		A69	AC11169	Satellite Silver	Metallic		
GRAY-BLUE	* T48A69	T48	AC11248	Meteor Gray	Coloured pearl	AC11261	GRAY
SILVER		A69	AC11169	Satellite Silver	Metallic		
BLUE-GREEN	* F50S74	F50	AC11250	Seram Green	Interference pearl	AC11132	DARK GREEN
BEIGE		S74	AC11174	Fraser Beige	Metallic		
DARK GREEN	* F76S74	F76	AC11176	Alamoana Green	Metallic	AC11132	DARK GREEN
BEIGE		S74	AC11174	Fraser Beige	Metallic		
DARK OLIVE	* L77S74	L77	AC11177	Gold Leaf Olive	Interference pearl	AC10903	BLACK
BEIGE		S74	AC11174	Fraser Beige	Metallic		
WHITE	* W09A24	W09	AC10809	Sophia White	Solid	AC10739	WHITE
DARK GRAY		A24	AC10724	Dark Gray	Metallic		
WHITE	* W09A69	W09	AC10809	Sophia White	Solid	AC10739	WHITE
SILVER		A69	AC11169	Satellite Silver	Metallic		
RED	* P78S74	P78	AC11178	Roanne Red	Coloured pearl	AC10632	MAROON
BEIGE		S74	AC11174	Fraser Beige	Metallic		
RED	* P85A24	P85	AC11185	Palma Red	Solid	AC10795	RED
DARK GRAY		A24	AC10724	Dark Gray	Metallic		
RED	* P85A69	P85	AC11185	Palma Red	Solid	AC10795	RED
SILVER		A69	AC11169	Satellite Silver	Metallic		

NOTE
*: Two-tone body colour.

BODY COLOURING

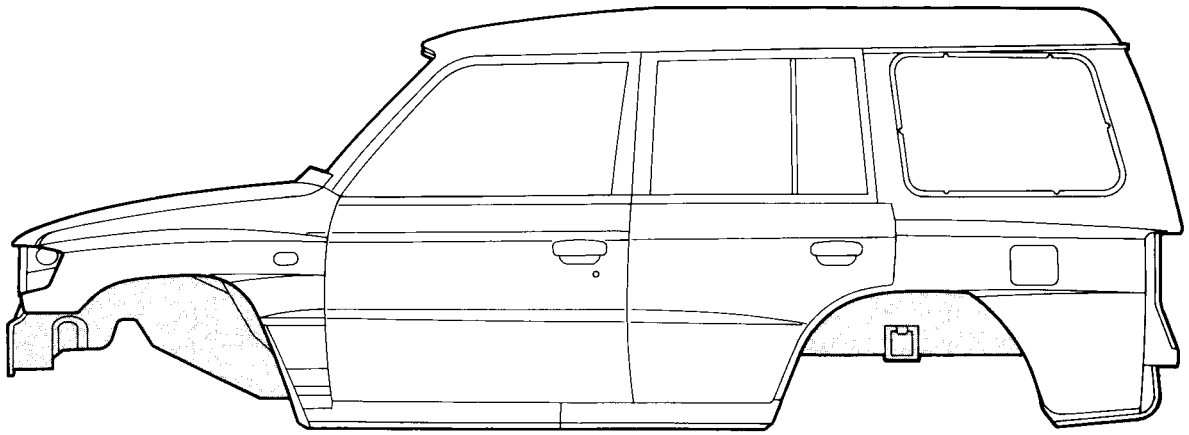
BLACK PAINT

<2-door models with blistered fender>



30E0067

<4-door models with blistered fender>



30E0070

□: AC10657 (Black)

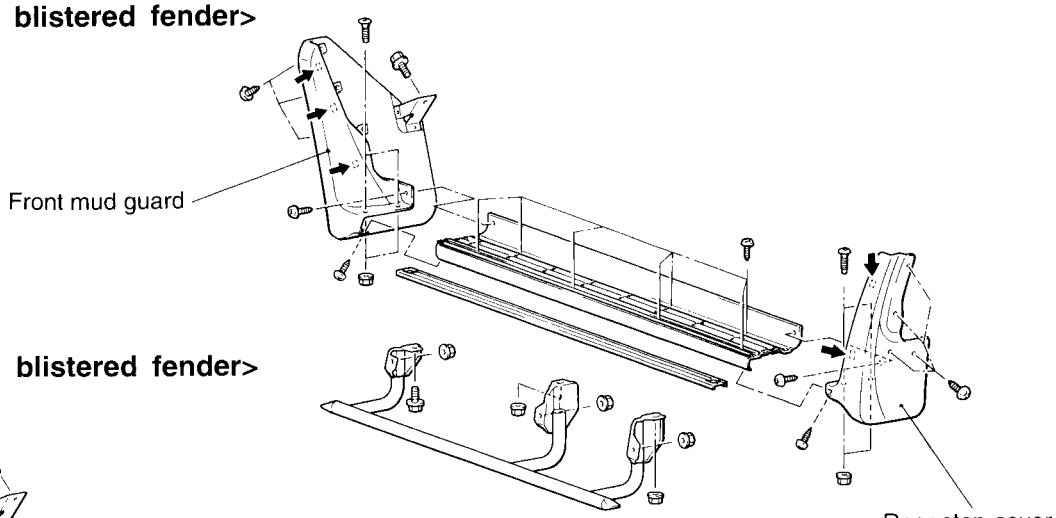
8 REFERENCE MATERIAL

INSTALLATION AND REMOVAL OF ADHESIVE COMPONENTS

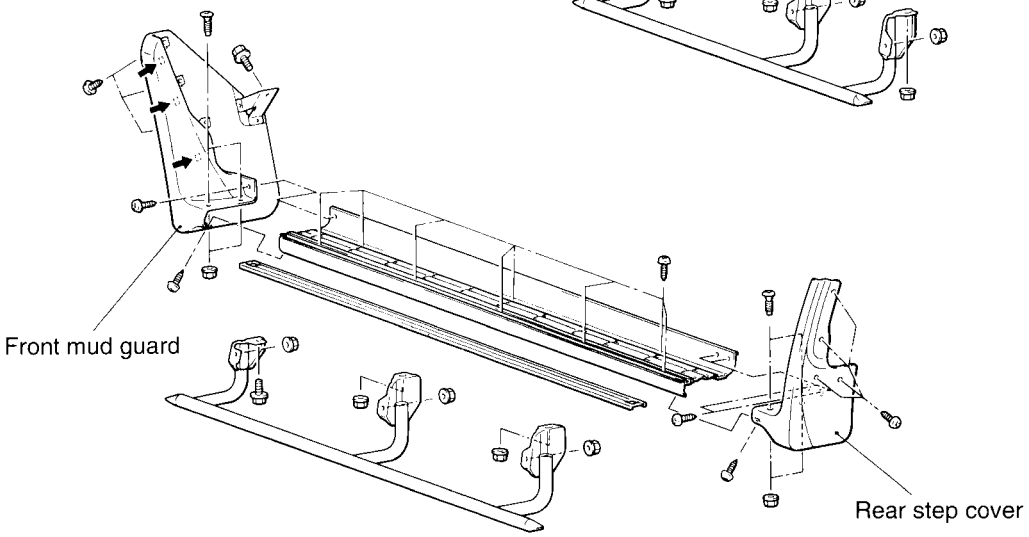
FRONT MUD GUARD AND REAR STEP COVER

Maintenance service points for the front mudguard and rear step cover have been established to correspond to the adoption of a side step in vehicles with blistered fender.

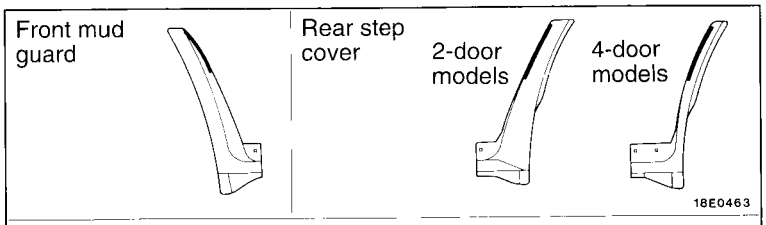
<2-door models with blistered fender>



<4-door models with blistered fender>



18E0467



Adhesive tape: double-sided tape (7 mm width and 0.8mm thickness)

REMOVAL

Refer to the Body Repair Manual for the '91 PAJERO (Pub. No. PBJE9003) for notes with regard to repair work.

INSTALLATION

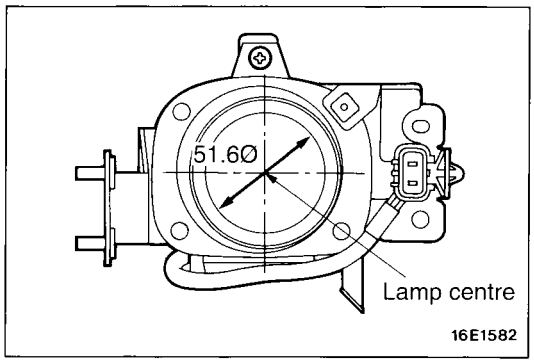
Refer to the Body Repair Manual for the '91 PAJERO (Pub. No. PBJE9003) for notes with regard to repair work.

ADJUSTMENT OF OTHER PARTS

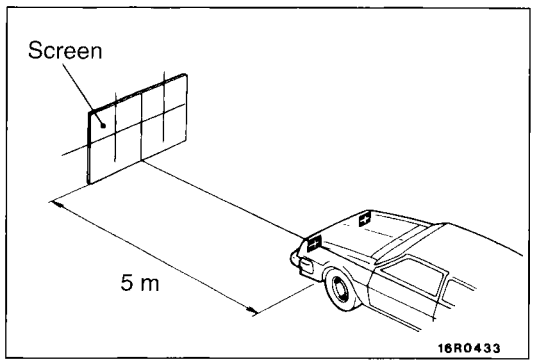
FRONT FOG LAMP AIMING

Front fog lamp aiming adjustment procedures have been established to correspond to the addition of front fog lamp.

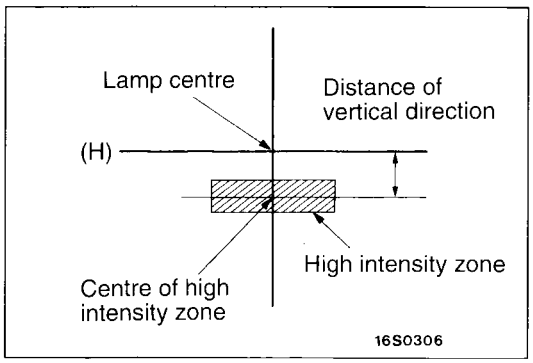
1. Remove the fog lamp bezel.



2. Measure the centre of the fog lamps, as shown in the illustration.

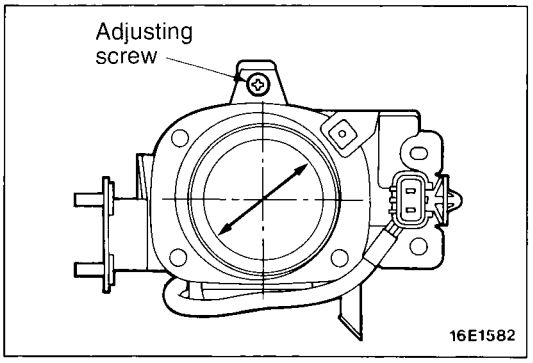


3. Set the distance between the screen and the centre of the fog lamps as shown in the illustration.
4. Inflate the tyres to the specified pressures and there should be no other load in the vehicles other than driver or substituted weight of approximately 75 kg placed in the driver's position.
5. With the engine running at 2,000 r/min, aim the fog lamp.



6. Check if the beam shining onto the screen is at the standard value.

Standard value:
(vertical direction)
100 mm below horizontal (H)
(Horizontal direction)
Parallel to direction of vehicle travel



NOTE
The horizontal direction is non-adjustable. If the deviation of the light beam axis exceeds the standard value, check to be sure that the mounting location or some other point is not defective.

Caution
When making the aiming adjustment, be sure to mask those lamps which are not being adjusted.