

WHEEL ALIGNMENT SPECIFICATIONS & PROCEDURES

1986 Isuzu Trooper II

Wheel Alignment Specifications & Procedures
1986 ISUZU

ALIGNMENT SPECIFICATIONS

WHEEL ALIGNMENT SPECIFICATIONS TABLE

Make & Model

Isuzu

I-Mark

Front

Camber in Degrees

Fraction 5/16 +/- 1

Decimal313 +/- 1.0

Caster in Degrees

Fraction 2 1/4 +/- 1/2

Decimal 2.25 +/- .5

Toe-In in Inches

Fraction 0 +/- 1/16

Decimal 0 +/- .06

Toe-In in Degrees

Fraction 0 +/- 1/8

Decimal 0 +/- .13

Toe-Out in Turns

Inner NS

Outer NS

Steering Axis Inclination (SAI) 12 1/8 °

Rear

Camber in Degrees

Fraction 0

Decimal 0

Caster in Degrees

Fraction

Decimal

Toe-In in Inches

Fraction 1/16

Decimal06

Toe-In in Degrees

Fraction 1/8

Decimal13

Toe-Out in Turns

Inner

Outer

Steering Axis Inclination (SAI)

Impulse

Front

Camber in Degrees

Fraction -1/4 +/- 3/4

Decimal -.25 +/- .75

Caster in Degrees

Fraction 2 1/2 +/- 1 1/2

Decimal 2.5 +/- 1.5

Toe-In in Inches

Fraction 0 +/- 1/13

Decimal 0 +/- .06

Toe-In in Degrees

Fraction 0 +/- 1/8

Decimal 0 +/- .13

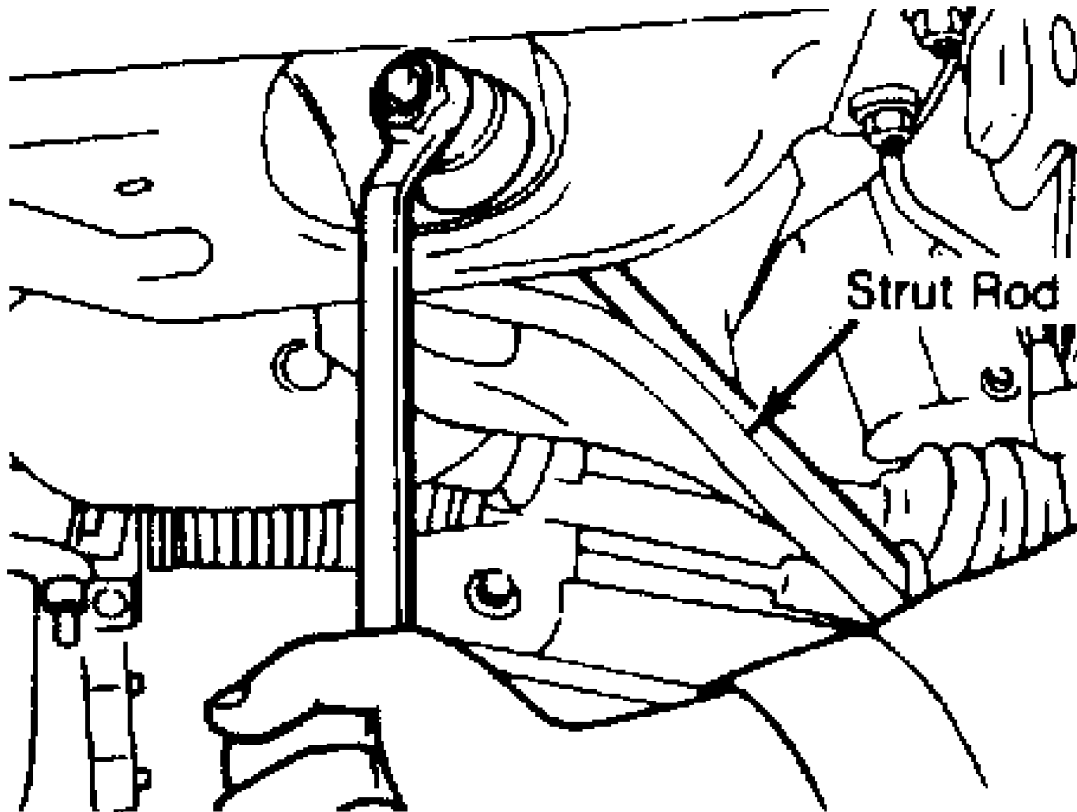
Toe-Out in Turns

Inner	NS
Outer	NS
Steering Axis Inclination (SAI)	NS
Rear	
Camber in Degrees	
Fraction	0
Decimal	0
Caster in Degrees	
Fraction .....	.....
Decimal .....	.....
Toe-In in Inches	
Fraction	1/16
Decimal .....	.06
Toe-In in Degrees	
Fraction	1/8
Decimal .....	.13
Toe-Out in Turns	
Inner .....	.....
Outer .....	.....
Steering Axis Inclination (SAI) .....	.....
PU'P (2WD)	
Front (See Fig. 1 & 2)	
Camber in Degrees	
Fraction	1/2 +/- 1/2
Decimal .....	.5 +/- .5
Caster in Degrees	
Fraction	1/2 +/- 1/2
Decimal .....	.5 +/- .5
Toe-In in Inches	
Fraction	3/32 +/- 3/32
Decimal .....	.09 +/- .09
Toe-In in Degrees	
Fraction	3/16 +/- 3/16
Decimal .....	.19 +/- .19
Toe-Out in Turns	
Inner	NS
Outer	NS
Steering Axis Inclination (SAI)	7 1/2 °
PU'P (4WD)	
Front (See Fig. 3)	
Camber in Degrees	
Fraction	9/16 +/- 1/2
Decimal .....	.563 +/- .5
Caster in Degrees	
Fraction	5/16 +/- 1/2
Decimal .....	.313 +/- .5
Toe-In in Inches	
Fraction	0 +/- 3/32
Decimal	0 +/- .09
Toe-In in Degrees	
Fraction	0 +/- 3/16
Decimal	0 +/- .19
Toe-Out in Turns	
Inner	NS
Outer	NS
Steering Axis Inclination (SAI)	7 1/16 °
Trooper II	
Front (See Fig. 3)	
Camber in Degrees	
Fraction	9/16 +/- 1/2
Decimal .....	.563 +/- .5
Caster in Degrees	
Fraction	1/2 +/- 1/2

Decimal .....	.5 +/- .5
Toe-In in Inches	
Fraction	0 +/- 3/32
Decimal	0 +/- .09
Toe-In in Degrees	
Fraction	0 +/- 3/16
Decimal	0 +/- .19
Toe-Out in Turns	
Inner	NS
Outer	NS
Steering Axis Inclination (SAI)	7 3/8 °

NS - Information not supplied by manufacturer.

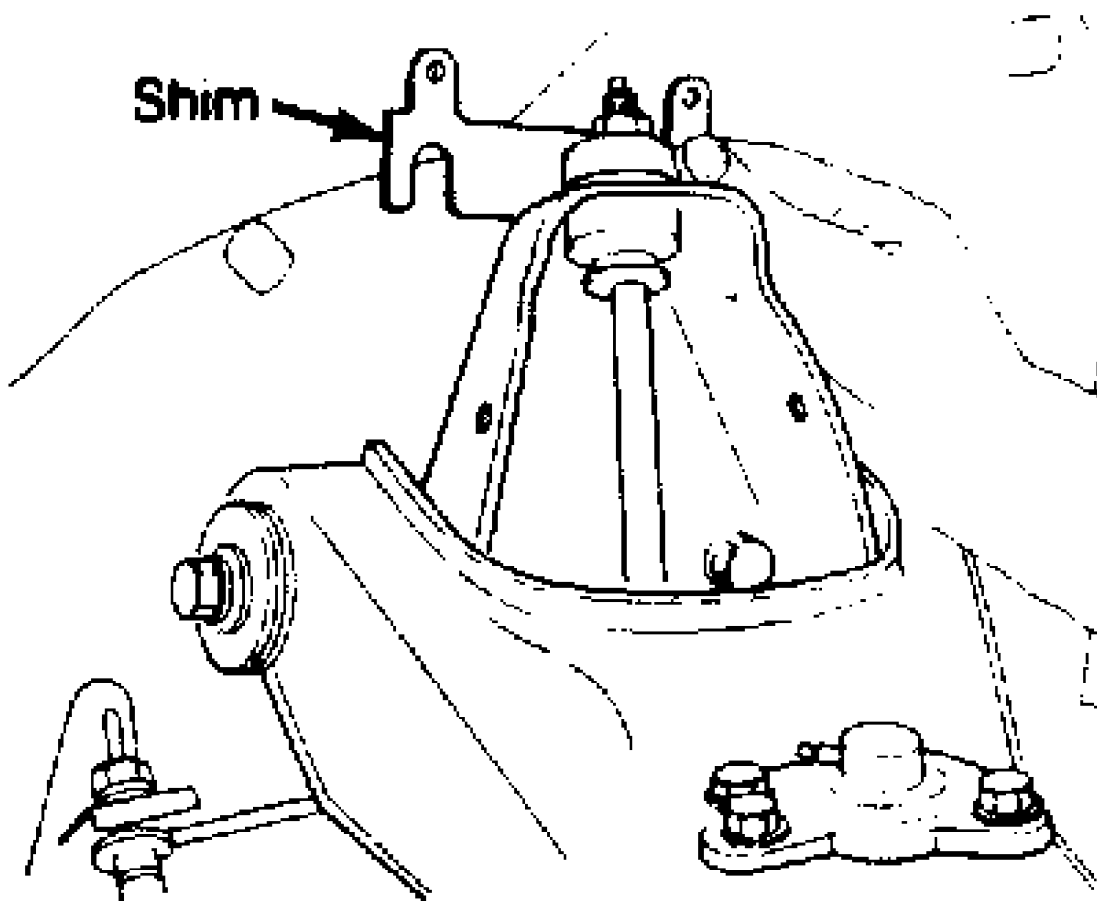
ALIGNMENT PROCEDURES



CASTER ADJUSTMENT

To adjust caster, lengthen or shorten strut rod as shown.

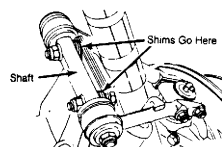
Fig. 1: Caster adjustment.
to adjust caster, lengthen or shorten strut rod as shown.



CAMBER ADJUSTMENT

Rotate pivot shaft or add shims to adjust camber angle.

Fig. 2: Camber adjustment.
Rotate pivot shaft or add shims to adjust camber angle.



CAMBER & CASTER ADJUSTMENTS
To increase/decrease caster angle move shims from one side to the other. To adjust camber change shims equally from side to side.

Fig. 3: Camber & Caster adjustments.
To increase/decrease caster angle move shims from one side to the other. To adjust camber change shims equally from side to side.

