



STEERING AXIS INCLINATION (SAI) DIAGNOSTIC CHART

Federal-Mogul Document #2183

MacPherson Strut Suspension System

SAI	CAMBER	INCLUDED ANGLE	PROBABLE CAUSE
Within Spec.	Below Spec.	Below Spec.	Bent Spindle and/or Strut or Camber Adjustment
Within Spec.	Above Spec.	Above Spec.	Bent Spindle and/or Strut or Camber Adjustment
Below Spec.	Above Spec.	Within Spec.	Bent Control Arm or Strut Tower (out at top) or Camber Adjustment
Above Spec.	Below Spec.	Within Spec.	Bent Strut Tower (in at top) or Camber Adjustment
Above Spec.	Above Spec.	Above Spec.	Bent Strut Tower (in at top) and Spindle and/or Bent Spindle and/or Bent Strut
Below Spec.	Above Spec.	Above Spec.	Bent Control Arm or Strut Tower (out at top) plus Bent Spindle and/or Bent Strut
Below Spec.	Below Spec.	Below Spec.	Strut Tower (out at top) and Spindle and/or Strut Bent or Bent Control Arm

Short Arm/Long Arm Suspension System

SAI	CAMBER	INCLUDED ANGLE	PROBABLE CAUSE
Within Spec.	Below Spec.	Below Spec.	Bent Steering Knuckle
Below Spec.	Above Spec.	Within Spec.	Bent Lower Control Arm or Camber Adjustment
Above Spec.	Below Spec.	Within Spec.	Bent Lower Control Arm or Camber Adjustment
Below Spec.	Above Spec.	Above Spec.	Bent Steering Knuckle

Twin "I" Beam Suspension

SAI	CAMBER	INCLUDED ANGLE	PROBABLE CAUSE
Within Spec.	Above Spec.	Above Spec.	Bent Spindle
Above Spec.	Below Spec.	Within Spec.	Bent "I" Beam
Below Spec.	Below Spec.	Within Spec.	Bent "I" Beam
Below Spec.	Above Spec.	Above Spec.	Bent Spindle