

MVMA Specifications

Vehicle Line ACHIEVA
 Model Year 1995 Issued 9-94 Revised (●) _____

METRIC (U.S. Customary)

Model Code/Description And/Or
 Engine Code/Description

ALL

Suspension - General Including Electronic Controls

| | | | | |
|---------------------------------|------------------------------------------------------|----------------------|----------------------------------------------------------|----|
| Car leveling | Standard/optional/not available | | -- | |
| | Manual/automatic control | | -- | |
| | Type (air/hydraulic) | | -- | |
| | Primary/assist spring | | -- | |
| | Rear only/4 wheel leveling | | -- | |
| | Single/dual rate spring | | -- | |
| | Single/dual ride heights | | -- | |
| | Provision for jacking | | Body Jack & Pads On Rocker | |
| Shock absorber damping controls | Standard/option/not available | | -- | |
| | Manual/automatic control | | -- | |
| | Number of damping rates | | -- | |
| | Type of actuation (manual/ electric motor/air, etc.) | | -- | |
| | Sensors | Lateral acceleration | | -- |
| | | Deceleration | | -- |
| Acceleration | | -- | | |
| Road surface | | -- | | |
| Shock absorber (front & rear) | Type | | Front - MacPherson Strut; Rear - Double Acting Hydraulic | |
| | Make | | Delco Products | |
| | Piston diameter | | Front: 32 mm (1.26 in.); Rear: 25 mm (.98 in.) | |
| | Rod diameter | | Front: 22 mm (.87 in.); Rear: 13 mm (.51 in.) | |

Suspension - Front

| | | | |
|----------------------|---------------------------------------------------------------------------------|-----------------------------------|-------------------------------------------------------|
| Type and description | | MacPherson Strut With Coil Spring | |
| Travel | Full jounce (define load condition) | 82.5 (3.24), From Design | |
| | Full rebound | -81.2 (3.19), From Design | |
| Spring | Type (coil, leaf, other & material) | | Coil, Steel |
| | Insulators (type & material) | | Top & Bottom - Rubber |
| | Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter) | | Spring Computer Selected - Varies With Option Content |
| | Spring rate N/mm (lb./in.) | | 24 (27 for Lg2) |
| | Rate at wheel N/mm (lb./in.) | | 17.5 |
| Stabilizer | Type (link, linkless, frameless) | | Link |
| | Material & O.D. bar/tube, wall thickness | | Steel, 22 mm |

Suspension - Rear

| | | | |
|--------------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-------------------------------------------------------|
| Type and description | | Trailing Twist Axle With Tubular Control Arms And Open Section Transverse Beam | |
| Travel | Full jounce (define load condition) | | 96.5 mm (3.79 in.), From Design |
| | Full rebound | | 71.4 mm (2.81 in.), From Design |
| Spring | Type (coil, leaf, other & material) | | Coil, Steel |
| | Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter) | | Spring Computer Selected - Varies With Option Content |
| | Spring rate N/mm (lb./in.) | | 21 |
| | Rate at wheel N/mm (lb./in.) | | 11.1 |
| | Insulators (type & material) | | Top - Rubber |
| | If leaf | No. of leaves | |
| Shackle (comp. or tens.) | | -- | |
| Stabilizer | Type (link, linkless, frameless) | | Linkless |
| | Material & O.D. bar/tube, wall thickness | | 18 mm Solid Steel |
| Track bar (type) | | -- | |