

MVMA Specifications

Vehicle Line Sebring

Model Year 1995 Issued 1994-11 Revised (*) _____

METRIC (U.S. Customary)

Engine Description
Engine Code

D41A (420A)

D42A (6G73)

Transmissions/Transaxle (Std., Opt., N.A.)

| | |
|--|--|
| Manual 4-speed (manufacturer/country) | N.A. |
| Manual 5-speed (manufacturer/country) | Std., New Venture Gear, Incorporated / U.S.A. N.A. |
| Manual 6-speed (manufacturer/country) | N.A. |
| Automatic (manufacturer/country) | N.A. |
| Automatic overdrive (manufacturer/country) | Std., Chrysler Corporation / U.S.A. |

Manual Transmission/Transaxle

| | | | |
|-------------------------------------|----------------------------|------------------------|------|
| Number of forward speeds | 5 | N.A. | |
| Gear ratios | 1st | 3.538 | N.A. |
| | 2nd | 2.125 | N.A. |
| | 3rd | 1.360 | N.A. |
| | 4th | 1.029 | N.A. |
| | 5th | 0.810 | N.A. |
| | 6th | - | N.A. |
| | Reverse | 3.417 | N.A. |
| Synchronous meshing (specify gears) | 1, 2, 3, 4, 5 | N.A. | |
| Shift lever location | Floor | N.A. | |
| Trans. case mat'l. & mass kg (lbs)* | Aluminum alloy, 112 (24.7) | N.A. | |
| Lubricant | Capacity L (pt.) | 2.0 (4.2) | N.A. |
| | Type recommended | Mopar MS9417 MTX Fluid | N.A. |

Clutch (Manual Transmission)

| | | |
|---|---|---------------------------|
| Clutch manufacturer | Sachs Automotive | N.A. |
| Clutch type (dry, wet; single, multiple disc) | Dry single plate | N.A. |
| Linkage (hydraulic, cable, rod, lever, other) | Hydraulic | N.A. |
| Max. pedal effort (nom. spring load) N (lbs) | Depressed | 119 (26.0) |
| | Released | 130 (29.0) |
| Assist (spring, power/percent, nominal) | No | N.A. |
| Type pressure plate springs | Diaphragm | N.A. |
| Total spring load (nominal) N (lbs) | 4400 (989) | N.A. |
| Clutch facing | Facing mfr. & material coding | Sachs S102 or Valeo F202M |
| | Facing material & construction | Non-asbestos |
| | Rivets per facing | 8 |
| | Outside x inside dia. (nominal) | 228 x 150 (mm) |
| | Total eff. area cm ² (in. ²) | 463 (71.8) |
| | Thickness (pressure plate side/fly wheel side) | 3.2 / 3.2 (mm) |
| | Rivet depth (pressure plate side/fly wheel side) | 1.1 / 1.1 (mm) |
| | Engagement cushion method | Flat-wave spring |
| Release bearing type & method lub. | Ball bearing, permanently lubricated | N.A. |
| Torsional damping method, springs, hysteresis | Coil springs and plastic friction washers | N.A. |

* Includes shift linkage, lubricant, and clutch housing. If other specify.

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| | |
|-------------|-------------|
| D41A (420A) | D42A (6G73) |
|-------------|-------------|

Automatic Transmission/Transaxle

| | | |
|--|---|---|
| Trade Name | F4AC1 | |
| Type and special features (describe) | Torque converter with automatically operated planetary gear transmission electronic control F4AC1 | |
| Shift mechanics | Electronic control | |
| Gear selector | Location (column, floor, other) | Lever : floor |
| | Ltr./No. designation (e.g. PRND21) | P.R.N.D.2.L / 6 |
| | Shift interlock (yes, no, describe) | Yes, shift lock with key inter lock |
| Gear ratios | 1st | 2.842 |
| | 2nd | 1.573 |
| | 3rd | 1.000 |
| | 4th | 0.689 |
| | Reverse | 2.214 |
| | Final drive ratio | 3.910 |
| Max. upshift vehicle speed - drive range km/h (mph) | 1-2, 60.9(38), 2-3 114.3(71.3) 3-4 158(98.9) | 1-2 60.9(38), 2-3 114.3(71.3), 3-4 167(104) |
| Max. upshift engine speed RPM | 1-2 6350, 2-3 6350, 3-4 5500 | 1-2 6350, 2-3 6360, 3-4 5950 |
| Max. kickdown speed - drive range km / h (mph) | 2-1 48.7(30.4), 3-2 97.4(60.8) 4-3 150.1(93.8) | 2-1 48.7(30.4), 3-2 101.5(63.4), 4-3 160.3(100.2) |
| Min. overdrive speed km / h (mph) | 36.8 (23.0) | 32.1 (20.1) |
| Torque converter | Type | 3-Element, 1-Stage, 2-Phase torque converter with lockup clutch |
| | Torus design | Round type |
| | Number of elements | 3 |
| | Max. ratio at stall | 2.61 |
| | Type of cooling (air, liquid) | Liquid |
| | Nominal diameter | 241 |
| | Capacity factor "K" | 250 |
| Pump type | Gear pump | |
| Lubricant | Capacity refill L (pt.) | 8.6 (18) |
| | Type recommended | Mopar ATF Plus (Auto trans. fluid-Type 7176) / Dia ATF SP or equivalent |
| Oil cooler (std., opt., N.A., internal, external, air, liquid) | Std., external liquid | |
| Transmission mass kg (lbs) & case material** | 65.3 (144), Aluminum alloy | |

All Wheel / 4 Wheel Drive

| | | |
|---|--|---|
| Description & type (part-time, full-time, 2/4 shift while moving, mechanical, elect., chain/gear, etc.) | - | |
| Transfer case | Manufacturer and model | - |
| | Type and location | - |
| Low-range gear ratio | - | |
| System disconnect (describe) | - | |
| Center differential | Type (bevel, planetary, w or w/o viscous bias, torsen, etc.) | - |
| | Torque split (% front/rear) | - |

* Input speed + $\sqrt{\text{torque}}$

** Dry weight including torque converter. If other, specify.

MVMA Specifications

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

METRIC (U.S. Customary)

Engine Description
 Engine Code

2.3 LITER L4 (138 CID)
 MUTLI-PORT FUEL INJECTION RPO LD2

Axle Ratio and Tooth Combinations (See 'Power Teams' for axle ratio usage)

| | | | |
|---|----------------|--------------|------------|
| Effective final drive ratio (or overall top gear ratio) | | 3.69 (M13) | 2.84 (MD9) |
| Transfer ratio and method (chain, gear, etc.) | | (33/37) 1.12 | |
| Front drive unit | Ring gear o.d. | Applicable | |
| | No. of teeth | Pinion | " |
| | | Ring gear | " |

Front Drive Unit

| | | |
|--|-------------------------|---|
| Description (integral to trans., etc.) | | Planetary Final Drive Integral With Transmission |
| Limited slip differential (type) | | Not Applicable |
| Drive pinion | Type | " |
| | Offset | " |
| No. of differential pinions | | 2 |
| Pinion / differential | Adjustment (shim, etc.) | Not Applicable |
| | Bearing adjustment | " |
| Driving wheel bearing (type) | | |
| Lubricant | Capacity L (pt.) | See Automatic Trans Spec. |
| | Type recommended | See Automatic Trans Spec. |
| | | |
| | | |

Axle Shafts - Front Wheel Drive

| | | | | |
|---|------------------------------|--|--|--|
| Manufacturer and number used | | Saginaw Division (2) | | |
| Type (straight, solid bar, tubular, etc.) | Left | Straight - Solid | | |
| | Right | Straight - Solid | | |
| Outer diam. x length* x wall thickness | Manual Transaxle | Left | | |
| | | Right | | |
| | Automatic transaxle | Left | 16" 27.1 x 286.3 mm (1.07 x 11.27 in.) 14" & 15" 23.8 x 297.0 mm (.94 x 11.69 in.) 16" 27.1 x 292.7 mm (1.07 x 11.52 in.) | |
| | | Right | 16" 27.1 x 274.5 mm (1.07 x 10.81 in.) 14" & 15" 23.8 x 365.4 mm (.94 x 14.38 in.) 16" 27.1 x 363.3 mm (1.07 x 14.30 in.) | |
| | | Left | | |
| | | Right | | |
| Optional transaxle | Left | | | |
| | Right | | | |
| Slip yoke | Type | | | |
| | Number of teeth | | | |
| | Spline o.d. | | | |
| Universal joints | Make and mfg. no. | Inner | Saginaw Division | |
| | | Outer | Saginaw Division | |
| | Number used | | Inboard & Outboard On Each Axle Shaft | |
| | Type, size, plunge | Inner | Free Motion - 61.5 Stroke; ** 61.8 Stroke | |
| | | Outer | Rzeppa - Fixed Center | |
| | Attach (u-bolt, clamp, etc.) | | Retaining Ring Inner Washer Nut Outer | |
| | Bearing | Type (plain, anti-friction) | Inner - Ball & Roller Outer - Ball | |
| Lubrication (fitting, prepack) | | Prepacked | | |
| Drive taken through (torque tube, arms or springs) | | Wishbone Lower Control Arm, Upper MacPherson Strut | | |
| Torque taken through (torque tube, arms or springs) | | Engine Mounting System | | |

* Centerline to centerline of universal joints, or to centerline of attachment.
 AAMA-95

MVMA Specifications

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

METRIC (U.S. Customary)

Engine Description
 Engine Code

3.1 LITER V6 (191 CID)
 SEQUENTIAL FUEL INJECTION RPO L82

Axle Ratio and Tooth Combinations (See 'Power Teams' for axle ratio usage)

| | | | |
|---|----------------|----------------|---|
| Effective final drive ratio (or overall top gear ratio) | | 2.93 (M13) | |
| Transfer ratio and method (chain, gear, etc.) | | .8919 (37/33) | |
| Front drive unit | Ring gear o.d. | Not Applicable | |
| | No. of teeth | Pinion | " |
| | | Ring gear | " |

Front Drive Unit

| | | |
|--|-------------------------|---|
| Description (integral to trans., etc.) | | Planetary Final Drive Integral With Transmission |
| Limited slip differential (type) | | Not Applicable |
| Drive pinion | Type | " |
| | Offset | " |
| No. of differential pinions | | 2 |
| Pinion / differential | Adjustment (shim, etc.) | None |
| | Bearing adjustment | Shim |
| Driving wheel bearing (type) | | Sealed Ball Bearing (Integral Part Of In Hub Unit) |
| Lubricant | Capacity L (pt.) | See Automatic Trans Spec. |
| | Type recommended | See Automatic Trans Spec |
| | | |
| | | |

Axle Shafts - Front Wheel Drive

| | | | |
|---|------------------------------|--|--|
| Manufacturer and number used | | Saginaw Division (2) | |
| Type (straight, solid bar, tubular, etc.) | Left | Straight - Solid | |
| | Right | Straight - Solid | |
| Outer diam. x length* x wall thickness | Manual Transaxle | Left | |
| | | Right | |
| | Automatic transaxle | Left | 16" 27.1 x 286.3 mm (1.07 x 11.27 in.) |
| | | Right | 16" 27.1 x 274.5 mm (1.07 x 10.81 in.) |
| | Optional transaxle | Left | |
| | | Right | |
| Slip yoke | Type | | |
| | Number of teeth | | |
| | Spline o.d. | | |
| Universal joints | Make and mfg. no. | Inner | Saginaw Division |
| | | Outer | Saginaw Division |
| | Number used | | Inboard & Outboard On Each Axle Shaft |
| | Type, size, plunge | Inner | Free Motion - 61.8 Stroke |
| | | Outer | Rzeppa - Fixed Center |
| | Attach (u-bolt, clamp, etc.) | | Retaining Ring Inner Washer Nut Outer |
| | Bearing | Type (plain, anti-friction) | Inner - Ball & Roller Outer - Ball |
| Lubrication (fitting, prepack) | | Prepacked | |
| Drive taken through (torque tube, arms or springs) | | Wishbone Lower Control Arm, Upper MacPherson Strut | |
| Torque taken through (torque tube, arms or springs) | | Engine Mountng System | |

* Centerline to centerline of universal joints, or to centerline of attachment.