

# Design Specifications

|                        | ITEM                               |              | METRIC                                                               | ENGLISH        | NOTES |
|------------------------|------------------------------------|--------------|----------------------------------------------------------------------|----------------|-------|
| <b>DIMENSIONS</b>      | Overall length                     |              | 4,425 mm                                                             | 174.2 in       |       |
|                        | Overall width                      |              | 1,810 mm                                                             | 71.3 in        |       |
|                        | Overall height                     |              | 1,170 mm                                                             | 46.1 in        |       |
|                        | Wheelbase                          |              | 2,530 mm                                                             | 99.6 in        |       |
|                        | Track F/R                          |              | 1,510/1,540 mm                                                       | 59.4/60.6 in   |       |
|                        | Ground clearance                   |              | 130 mm                                                               | 5.1 in         |       |
|                        | Seating capacity                   |              | 2                                                                    |                |       |
| <b>WEIGHT (USA)</b>    | Gross Vehicle Weight Rating (GVWR) |              | M/T 1,630 kg                                                         | 3,593 lbs      |       |
| <b>WEIGHT (CANADA)</b> | Gross Vehicle Weight Rating (GVWR) |              | A/T 1,655 kg                                                         | 3,649 lbs      |       |
| <b>ENGINE</b>          | Type                               |              | Water cooled, 4-stroke DOHC VTEC gasoline engine                     |                |       |
|                        | Cylinder arrangement               |              | 90° V6-cylinder, transverse                                          |                |       |
|                        | Bore and stroke                    |              | 93.0 x 78.0 mm                                                       | 3.66 x 3.07 in |       |
|                        |                                    | C30A1 engine | 90.0 x 78.0 mm                                                       | 3.54 x 3.07 in |       |
|                        | Displacement                       |              | 3,179 cm <sup>3</sup> (cc)                                           | 194 cu in      |       |
|                        |                                    | C32B1 engine | 2,977 cm <sup>3</sup> (cc)                                           | 182 cu in      |       |
|                        | Compression ratio                  |              | 10.2                                                                 |                |       |
|                        | Valve train                        |              | Belt driven DOHC                                                     |                |       |
| <b>STARTER</b>         | Lubrication system                 |              | Forced and wet sump                                                  |                |       |
|                        | Fuel required                      |              | Premium UNLEADED grade gasoline with 91 Pump Octane Number or higher |                |       |
|                        | Type/Make                          |              | Gear reduction/DENSO                                                 |                |       |
|                        | Normal output                      |              | 1.4 kW                                                               |                |       |
|                        | Nominal voltage                    |              | 12 V                                                                 |                |       |
|                        | Hour rating                        |              | 30 seconds                                                           |                |       |
| <b>CLUTCH</b>          | Direction of rotation              |              | Counterclockwise as viewed from gear end                             |                |       |
|                        | Weight                             |              | 4.75 kg                                                              | 10.47 lbs      |       |
|                        | Clutch                             | M/T          | Single plate dry, diaphragm spring                                   |                |       |
| <b>TRANSMISSION</b>    | Clutch lining area                 | A/T          | Torque converter                                                     |                |       |
|                        |                                    | M/T          | 239 cm <sup>2</sup>                                                  | 37.0 sq in     |       |
|                        | Transmission                       | M/T          | Synchronized 6 speed forward 1 reverse                               |                |       |
|                        |                                    | A/T          | Electronically controlled                                            |                |       |
|                        | Primary reduction                  |              | 4-speed forward automatic; 1 reverse                                 |                |       |
|                        |                                    |              | Direct 1 : 1                                                         |                |       |
|                        | Type                               |              | Manual                                                               | Automatic      |       |
|                        | Gear ratio                         | 1st          | 3.066                                                                | 2.611          |       |
|                        |                                    | 2nd          | 1.956                                                                | 1.551          |       |
|                        |                                    | 3rd          | 1.428                                                                | 1.025          |       |
| <b>TRANSMISSION</b>    |                                    | 4th          | 1.125                                                                | 0.684          |       |
|                        |                                    | 5th          | 0.914                                                                | —              |       |
|                        |                                    | 6th          | 0.717                                                                | —              |       |
|                        |                                    | Reverse      | 3.186                                                                | 1.909          |       |
|                        | Final reduction                    | Gear type    | Single helical gear                                                  |                |       |
|                        |                                    | Gear ratio   | 4.062                                                                | 4.428          |       |

(cont'd)

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(cont'd)

|                  | ITEM                                                                | METRIC                                                                        | ENGLISH                                                                                                                                                                                 | NOTES         |
|------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| AIR CONDITIONING | Cooling capacity                                                    | 4,000 Kcal/h                                                                  | 15,872 BTU/h                                                                                                                                                                            |               |
|                  | Conditions:                                                         |                                                                               |                                                                                                                                                                                         |               |
|                  | Compressor RPM                                                      | 1,800 rpm                                                                     |                                                                                                                                                                                         |               |
|                  | Outside air temperature                                             | 27°C                                                                          | 81°F                                                                                                                                                                                    |               |
|                  | Outside air humidity                                                | 50%                                                                           |                                                                                                                                                                                         |               |
|                  | Condenser air temperature                                           | 35°C                                                                          | 95°F                                                                                                                                                                                    |               |
|                  | Condenser air velocity                                              | 4.5 m/sec                                                                     | 14.8 ft/sec                                                                                                                                                                             |               |
|                  | Blower capacity                                                     | 420 m³/h                                                                      | 15,540 cu-ft/h                                                                                                                                                                          | At 12 V       |
|                  | Compressor                                                          | Type/Make<br>No. of cylinders<br>Capacity<br>Max. speed<br>Lubricant capacity | Swash-plate type/DENSO<br>10<br>155.3 cc/rev<br>7,600 rpm<br>160 ml<br>5 1/3 fl oz,<br>5.6 Imp oz                                                                                       | DENSO ND-OIL8 |
|                  | Condenser                                                           | Type                                                                          | Corrugated fin type                                                                                                                                                                     |               |
|                  | Evaporator                                                          | Type<br>Air temperature                                                       | Corrugated fin type<br>19.5°C<br>67°F                                                                                                                                                   |               |
|                  | Blower                                                              | Type<br>Motor input<br>Speed control<br>Max. capacity                         | Sirocco fan<br>178 W/12 V<br>Infinity variable<br>460 m³/h<br>16,247 cu-ft/h                                                                                                            | At 13.5 V     |
|                  | Temp. control                                                       |                                                                               | Air-mix type                                                                                                                                                                            |               |
|                  | Compressor clutch                                                   | Type<br>Power consumption                                                     | Dry, single plate, poly-V-belt drive<br>40 W/12 V                                                                                                                                       |               |
|                  | Refrigerant                                                         | Type<br>Quantity                                                              | HFC-134a (R-134a)<br>850 $\pm$ 50 g<br>30.0 $\pm$ 1.8 oz                                                                                                                                |               |
| STEERING SYSTEM  | Type<br>Overall ratio<br>Turns, lock-to-lock<br>Steering wheel dia. |                                                                               | Electric, power assisted, rack and pinion<br>18.6<br>3.24<br>368 mm<br>14.5 in                                                                                                          |               |
| SUSPENSION       | Type, front<br><br>Type, rear<br><br>Shock absorber, front and rear |                                                                               | Independent double wishbone with compliance pivot, coil spring with stabilizer<br>Independent double wishbone, coil spring with stabilizer<br>Telescopic, hydraulic nitrogen gas-filled |               |

|                        | ITEM                                                                                                       | METRIC                                                                                          | ENGLISH                   | NOTES      |
|------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------|------------|
| <b>WHEEL ALIGNMENT</b> | Camber                                                                                                     |                                                                                                 |                           |            |
|                        | Front<br>Rear                                                                                              |                                                                                                 | -0°20'<br>-1°30'          |            |
|                        | Caster                                                                                                     |                                                                                                 | 8°                        |            |
|                        | Toe                                                                                                        | Out 3.5 mm<br>In 4.0 mm                                                                         | Out 0.14 in<br>In 3/16 in |            |
| <b>BRAKE SYSTEM</b>    | Type, front and rear                                                                                       | Power assisted self-adjusting ventilated disc                                                   |                           |            |
|                        | Pad and lining surface area: front/rear<br>Parking brake type                                              | 58.0/38.8 cm <sup>2</sup><br>Mechanical expanding, rear two wheel brakes                        | 8.99/6.01 sq in           |            |
| <b>TIRE</b>            | Size                                                                                                       | Front: 215/40 R17 83Y Rear: 255/40 R17 94Y<br>165/80 D 16 (Folding spare tire)                  |                           |            |
| <b>ELECTRICAL</b>      | Battery                                                                                                    | 12 V – 52AH/5HR<br>12 V – 55AH/5HR                                                              |                           | M/T<br>A/T |
|                        | Starter<br>Alternator<br>Fuses                                                                             | 12 V – 1.4 kW<br>12 V – 120 A                                                                   |                           |            |
|                        | In the under-dash fuse box<br>In the under-hood fuse/relay box<br>In the engine compartment fuse/relay box | 7.5 A, 10 A, 15 A<br>7.5 A, 10 A, 15 A, 20 A, 30 A, 40 A, 50 A<br>10 A, 20 A, 30 A, 40 A, 120 A |                           |            |
|                        | Headlights, high, low                                                                                      | 12 V – 65 W, 35 W                                                                               |                           |            |
|                        | Front turn signal lights                                                                                   | 12 V – 45 CP                                                                                    |                           |            |
|                        | Front parking lights                                                                                       | 12 V – 5 W                                                                                      |                           |            |
|                        | Rear turn signal lights                                                                                    | 12 V – 45 CP                                                                                    |                           |            |
|                        | Brake/Taillights                                                                                           | 12 V – 32/2 CP                                                                                  |                           |            |
|                        | Taillights                                                                                                 | 12 V – 2 CP                                                                                     |                           |            |
|                        | Front side marker lights                                                                                   | 12 V – 3 CP                                                                                     |                           |            |
|                        | Rear side marker lights                                                                                    | 12 V – 3 CP                                                                                     |                           |            |
|                        | Back-up lights                                                                                             | 12 V – 32 CP                                                                                    |                           |            |
|                        | License plate lights                                                                                       | 12 V – 8 W                                                                                      |                           |            |
|                        | Gauge lights                                                                                               | 12 V – 3.0 W, 1.4 W                                                                             |                           |            |
|                        | Indicator lights                                                                                           | 12 V – 1.4 W, 1.96 W                                                                            |                           |            |
|                        | Glove box and fuse lights                                                                                  | 12 V – 3.4 W                                                                                    |                           |            |
|                        | Ceiling lights                                                                                             | 12 V – 8 W                                                                                      |                           |            |
|                        | Trunk lights                                                                                               | 12 V – 3.4 W                                                                                    |                           |            |
|                        | Door courtesy lights                                                                                       | 12 V – 3.4 W                                                                                    |                           |            |
|                        | Footwell light                                                                                             | 12 V – 5 W                                                                                      |                           |            |
|                        | Illumination and indicator lights                                                                          | 12 V – 1.4 W, 0.84 W<br>12 V – 0.91 W, LED                                                      |                           |            |
|                        | High mount brake light                                                                                     | LED                                                                                             |                           |            |