| | | |
|---|---|---|
| **Last Modified:** 03-12-2013 | 6.4 F | **Doc ID:** NM1000000004ZJW |
| **Model Year:** 2013 | **Model:** RAV4 | **Prod Date Range:** [12/2012 - ] |
| **Title:** SPECIFICATIONS: MAJOR TECHNICAL SPECIFICATIONS: GENERAL; 2013 MY RAV4 [12/2012 - ] | | |

# GENERAL

## 1. OUTLINE

(a) Models for U.S.A. 1

(1) Major Dimensions, Vehicle Weights and Performance

| BODY TYPE | | | 5-DOOR WAGON | | | |
|---|---|---|---|---|---|---|
| VEHICLE GRADE | | | LE | XLE | LIMITED | LE |
| MODEL CODE | | | ASA44L-ANTXKA | ASA44L-ANTMKA | ASA44L-ANTGKA | ASA42L-ANTXKA |
| Overall | Length | mm (in.) | 4570 (179.9) | 4570 (179.9) | 4570 (179.9) | 4570 (179.9) |
| | Width | mm (in.) | 1845 (72.6) | 1845 (72.6) | 1845 (72.6) | 1845 (72.6) |
| | Height | mm (in.) | 1660 (65.4)<br>1705 (67.1)*4 | 1660 (65.4)<br>1705 (67.1)*4 | 1660 (65.4)<br>1705 (67.1)*4 | 1660 (65.4)<br>1705 (67.1)*4 |
| Wheel Base | | mm (in.) | 2660 (104.7) | 2660 (104.7) | 2660 (104.7) | 2660 (104.7) |
| Tread*1 | Front | mm (in.) | 1570 (61.8) | 1570 (61.8) | 1560 (61.4)<br>1570 (61.8)*2 | 1560 (61.4)<br>1570 (61.8)*2 |
| | Rear | mm (in.) | 1570 (61.8) | 1570 (61.8) | 1560 (61.4)<br>1570 (61.8)*2 | 1560 (61.4)<br>1570 (61.8)*2 |
| Effective Head Room | Front | mm (in.) | 1012 (39.8) | 988 (38.9) | 988 (38.9) | 1012 (39.8) |
| | Rear | mm (in.) | 987 (38.9) | 989 (38.9) | 989 (38.9) | 987 (38.9) |
| Effective Leg Room | Front | mm (in.) | 1081 (42.6) | 1081 (42.6) | 1081 (42.6) | 1081 (42.6) |
| | Rear | mm (in.) | 944 (37.2) | 944 (37.2) | 944 (37.2) | 944 (37.2) |
| Shoulder Room | Front | mm (in.) | 1455 (57.3) | 1455 (57.3) | 1455 (57.3) | 1455 (57.3) |
| | Rear | mm (in.) | 1407 (55.4) | 1407 (55.4) | 1407 (55.4) | 1407 (55.4) |
| Overhang | Front | mm (in.) | 910 (35.8) | 910 (35.8) | 910 (35.8) | 910 (35.8) |
| | Rear | mm (in.) | 1000 (39.4) | 1000 (39.4) | 1000 (39.4) | 1000 (39.4) |
| Min. Running Ground Clearance | | mm (in.) | 159 (6.3) | 159 (6.3) | 159 (6.3) | 159 (6.3) |
| Angle of Approach | | degrees | 29 | 29 | 29 | 29 |

| | | | | | | |
|---|---|---|---|---|---|---|
| Angle of Departure | | degrees | 22 | 22 | 22 | 22 |
| Curb Weight | Front | kg (lb) | - | - | - | - |
| | Rear | kg (lb) | - | - | - | - |
| | Total | kg (lb) | 1600 (3550) | 1615 (3585) | 1625 (3610) | 1545 (3435) |
| Gross Vehicle Weight | Front | kg (lb) | - | - | - | - |
| | Rear | kg (lb) | - | - | - | - |
| | Total | kg (lb) | 2300 (5070) | 2300 (5070) | 2300 (5070) | 2300 (5070) |
| Luggage Compartment Capacity | | L (cu. ft.) | 577 (20.4) | 577 (20.4) | 577 (20.4) | 577 (20.4) |
| Fuel Tank Capacity | | L (Imp. gal) | 60 (13.2) | 60 (13.2) | 60 (13.2) | 60 (13.2) |
| Max. Speed | | km/h (mph) | 200 (124) | 200 (124) | 200 (124) | 200 (124) |
| Max. Cruising Speed | | km/h (mph) | - | - | - | - |
| Max. Permissible Speed | 1st Gear | km/h (mph) | 59 (37) | 59 (37) | 59 (37) | 63 (39) |
| | 2nd Gear | km/h (mph) | 103 (64) | 103 (64) | 103 (64) | 109 (68) |
| | 3rd Gear | km/h (mph) | 137 (85) | 137 (85) | 137 (85) | 146 (91) |
| | 4th Gear | km/h (mph) | 200 (124) | 200 (124) | 200 (124) | 200 (124) |
| | 5th Gear | km/h (mph) | 178 (111) | 178 (111) | 178 (111) | 178 (111) |
| | 6th Gear | km/h (mph) | 170 (106) | 170 (106) | 170 (106) | 157 (98) |
| Acceleration | 0 to 60 mph | sec. | 9.0 | 9.0 | 9.0 | 8.9 |
| | 0 to 1/4 mile | sec. | 16.4 | 16.4 | 16.4 | 16.3 |
| Turning Diameter (Outside Front) | Tire | m (ft.) | 10.6 (34.8) | 10.6 (34.8) | 10.6 (34.8)*2<br>11.2 (36.7)*3 | 10.6 (34.8) |
| | Body | m (ft.) | 11.4 (37.4) | 11.4 (37.4) | 11.4 (37.4)*2<br>12.0 (39.4)*3 | 11.4 (37.4) |

*1: Unladen vehicle

*2: Models with 17-inch wheels
*3: Models with 18-inch wheels
*4: Models with roof rail

(2) Engine, Engine Electrical and Chassis

| BODY TYPE | | 5-DOOR WAGON | | | |
|---|---|---|---|---|---|
| VEHICLE GRADE | | LE | XLE | LIMITED | LE |
| MODEL CODE | | ASA44L-ANTXKA | ASA44L-ANTMKA | ASA44L-ANTGKA | ASA42L-ANTXKA |
| Engine Type | | 2AR-FE | 2AR-FE | 2AR-FE | 2AR-FE |
| No. of Cyls. and Arrangement | | 4-cylinder, In-line | 4-cylinder, In-line | 4-cylinder, In-line | 4-cylinder, In-line |
| Valve Mechanism | | 16-valve DOHC, Chain Drive (with Dual VVT-i) | 16-valve DOHC, Chain Drive (with Dual VVT-i) | 16-valve DOHC, Chain Drive (with Dual VVT-i) | 16-valve DOHC, Chain Drive (with Dual VVT-i) |
| Bore x Stroke | mm (in.) | 90.0 x 98.0 (3.54 x 3.86) | 90.0 x 98.0 (3.54 x 3.86) | 90.0 x 98.0 (3.54 x 3.86) | 90.0 x 98.0 (3.54 x 3.86) |
| Displacement | $cm^3$ (cu. in.) | 2494 (152.2) | 2494 (152.2) | 2494 (152.2) | 2494 (152.2) |
| Compression Ratio | | 10.4 : 1 | 10.4 : 1 | 10.4 : 1 | 10.4 : 1 |
| Fuel System | | SFI | SFI | SFI | SFI |
| Octane Rating | | 87 or higher | 87 or higher | 87 or higher | 87 or higher |
| Max. Output [SAE-NET]*1 | kW@rpm (HP@rpm) | 131@6000 (176@6000) | 131@6000 (176@6000) | 131@6000 (176@6000) | 131@6000 (176@6000) |
| Max. Torque [SAE-NET]*1 | N*m@rpm (ft.*lbf@rpm) | 233@4100 (172@4100) | 233@4100 (172@4100) | 233@4100 (172@4100) | 233@4100 (172@4100) |
| Battery Capacity (5HR) | Voltage and Amp. hr. | 12 - 52 | 12 - 52 | 12 - 52 | 12 - 52 |
| Alternator Output | Watts | 1200 | 1200 | 1200 | 1200 |
| Starter Output | kW | 1.7 | 1.7 | 1.7 | 1.7 |
| Clutch Type | | - | - | - | - |
| Transaxle Type | | U760F | U760F | U760F | U760E |
| Transaxle Gear Ratio | 1st | 3.300 | 3.300 | 3.300 | 3.300 |
| | 2nd | 1.900 | 1.900 | 1.900 | 1.900 |
| | 3rd | 1.420 | 1.420 | 1.420 | 1.420 |
| | 4th | 1.000 | 1.000 | 1.000 | 1.000 |
| | 5th | 0.713 | 0.713 | 0.713 | 0.713 |

| | | | | | |
|---|---|---|---|---|---|
| | 6th | 0.608 | 0.608 | 0.608 | 0.608 |
| | Reverse | 4.148 | 4.148 | 4.148 | 4.148 |
| Differential (Final) Gear Ratio | | 4.071 | 4.071 | 4.071 | 3.819 |
| Transfer Gear Ratio | | 0.439 | 0.439 | 0.439 | - |
| Rear Differential Gear Ratio | | 2.277 | 2.277 | 2.277 | - |
| Rear Differential Gear Size | in. | 135 (5.3) | 135 (5.3) | 135 (5.3) | - |
| Brake Type | Front | Ventilated Disc | Ventilated Disc | Ventilated Disc | Ventilated Disc |
| | Rear | Solid Disc | Solid Disc | Solid Disc | Solid Disc |
| Parking Brake Type | | Duo-servo Drum | Duo-servo Drum | Duo-servo Drum | Duo-servo Drum |
| Brake Booster Type and Size | in. | Single, 10 | Single, 10 | Single, 10 | Single, 10 |
| Suspension Type | Front | MacPherson Strut | MacPherson Strut | MacPherson Strut | MacPherson Strut |
| | Rear | Double-wishbone | Double-wishbone | Double-wishbone | Double-wishbone |
| Stabilizer Bar | Front | Standard | Standard | Standard | Standard |
| | Rear | Standard | Standard | Standard | Standard |
| Steering Gear Type | | Rack and Pinion | Rack and Pinion | Rack and Pinion | Rack and Pinion |
| Steering Gear Ratio (Overall) | | 14.5 | 14.5 | 14.5*2<br>14.7*3 | 14.5 |
| Power Steering Type | | Electric Motor | Electric Motor | Electric Motor | Electric Motor |

*1: Maximum output and torque rating are determined using the revised SAE J1349 procedure.
*2: Models with 17-inch wheels
*3: Models with 18-inch wheels

(b) Models for U.S.A. 2

(1) Major Dimensions, Vehicle Weights and Performance

| BODY TYPE | | | 5-DOOR WAGON | | | |
|---|---|---|---|---|---|---|
| VEHICLE GRADE | | | XLE | LIMITED | LE | XLE |
| MODEL CODE | | | ASA42L-ANTMKA | ASA42L-ANTGKA | ASA44L-CNTXKA | ASA44L-CNTMKA |
| | Length | mm (in.) | 4570 (179.9) | 4570 (179.9) | 4570 (179.9) | 4570 (179.9) |

| | | | | | | |
|---|---|---|---|---|---|---|
| Overall | Width | mm (in.) | 1845 (72.6) | 1845 (72.6) | 1845 (72.6) | 1845 (72.6) |
| | Height | mm (in.) | 1660 (65.4)<br>1705 (67.1)*4 | 1660 (65.4)<br>1705 (67.1)*4 | 1660 (65.4)<br>1705 (67.1)*4 | 1660 (65.4)<br>1705 (67.1)*4 |
| Wheel Base | | mm (in.) | 2660 (104.7) | 2660 (104.7) | 2660 (104.7) | 2660 (104.7) |
| Tread*1 | Front | mm (in.) | 1570 (61.8) | 1560 (61.4)<br>1570 (61.8)*2 | 1560 (61.4)<br>1570 (61.8)*2 | 1560 (61.4)<br>1570 (61.8)*2 |
| | Rear | mm (in.) | 1570 (61.8) | 1560 (61.4)<br>1570 (61.8)*2 | 1560 (61.4)<br>1570 (61.8)*2 | 1560 (61.4)<br>1570 (61.8)*2 |
| Effective Head Room | Front | mm (in.) | 988 (38.9) | 988 (38.9) | 1012 (39.8) | 988 (38.9) |
| | Rear | mm (in.) | 989 (38.9) | 989 (38.9) | 987 (38.9) | 989 (38.9) |
| Effective Leg Room | Front | mm (in.) | 1081 (42.6) | 1081 (42.6) | 1081 (42.6) | 1081 (42.6) |
| | Rear | mm (in.) | 944 (37.2) | 944 (37.2) | 944 (37.2) | 944 (37.2) |
| Shoulder Room | Front | mm (in.) | 1455 (57.3) | 1455 (57.3) | 1455 (57.3) | 1455 (57.3) |
| | Rear | mm (in.) | 1407 (55.4) | 1407 (55.4) | 1407 (55.4) | 1407 (55.4) |
| Overhang | Front | mm (in.) | 910 (35.8) | 910 (35.8) | 910 (35.8) | 910 (35.8) |
| | Rear | mm (in.) | 1000 (39.4) | 1000 (39.4) | 1000 (39.4) | 1000 (39.4) |
| Min. Running Ground Clearance | | mm (in.) | 159 (6.3) | 159 (6.3) | 159 (6.3) | 159 (6.3) |
| Angle of Approach | | degrees | 29 | 29 | 29 | 29 |
| Angle of Departure | | degrees | 22 | 22 | 22 | 22 |
| Curb Weight | Front | kg (lb) | - | - | - | - |
| | Rear | kg (lb) | - | - | - | - |
| | Total | kg (lb) | 1560 (3465) | 1575 (3500) | 1600 (3527) | 1615 (3560) |
| Gross Vehicle Weight | Front | kg (lb) | - | - | - | - |
| | Rear | kg (lb) | - | - | - | - |
| | Total | kg (lb) | 2300 (5070) | 2300 (5070) | 2300 (5070) | 2300 (5070) |
| Luggage Compartment Capacity | | L (cu. ft.) | 577 (20.4) | 577 (20.4) | 577 (20.4) | 577 (20.4) |
| Fuel Tank Capacity | | L (Imp. gal) | 60 (13.2) | 60 (13.2) | 60 (13.2) | 60 (13.2) |
| Max. Speed | | km/h (mph) | 200 (124) | 200 (124) | 200 (124) | 200 (124) |
| Max. Cruising Speed | | km/h (mph) | - | - | - | - |

| | | | | | | |
|---|---|---|---|---|---|---|
| Max. Permissible Speed | 1st Gear | km/h (mph) | 63 (39) | 63 (39) | 59 (37) | 59 (37) |
| | 2nd Gear | km/h (mph) | 109 (68) | 109 (68) | 103 (64) | 103 (64) |
| | 3rd Gear | km/h (mph) | 146 (91) | 146 (91) | 137 (85) | 137 (85) |
| | 4th Gear | km/h (mph) | 200 (124) | 200 (124) | 200 (124) | 200 (124) |
| | 5th Gear | km/h (mph) | 178 (111) | 178 (111) | 178 (111) | 178 (111) |
| | 6th Gear | km/h (mph) | 157 (98) | 157 (98) | 170 (106) | 170 (106) |
| Acceleration | 0 to 60 mph | sec. | 8.9 | 8.9 | 9.0 | 9.0 |
| | 0 to 1/4 mile | sec. | 16.3 | 16.3 | 16.4 | 16.4 |
| Turning Diameter (Outside Front) | Tire | m (ft.) | 10.6 (34.8) | 10.6 (34.8)*2<br>11.2 (36.7)*3 | 10.6 (34.8) | 10.6 (34.8) |
| | Body | m (ft.) | 11.4 (37.4) | 11.4 (37.4)*2<br>12.0 (39.4)*3 | 11.4 (37.4) | 11.4 (37.4) |

*1: Unladen vehicle
*2: Models with 17-inch wheels
*3: Models with 18-inch wheels
*4: Models with roof rail

(2) Engine, Engine Electrical and Chassis

| BODY TYPE | | 5-DOOR WAGON | | | |
|---|---|---|---|---|---|
| VEHICLE GRADE | | XLE | LIMITED | LE | XLE |
| MODEL CODE | | ASA42L-ANTMKA | ASA42L-ANTGKA | ASA44L-CNTXKA | ASA44L-CNTMKA |
| Engine Type | | 2AR-FE | 2AR-FE | 2AR-FE | 2AR-FE |
| No. of Cyls. and Arrangement | | 4-cylinder, In-line | 4-cylinder, In-line | 4-cylinder, In-line | 4-cylinder, In-line |
| Valve Mechanism | | 16-valve DOHC, Chain Drive (with Dual VVT-i) | 16-valve DOHC, Chain Drive (with Dual VVT-i) | 16-valve DOHC, Chain Drive (with Dual VVT-i) | 16-valve DOHC, Chain Drive (with Dual VVT-i) |
| Bore x | mm (in.) | 90.0 x 98.0 | 90.0 x 98.0 | 90.0 x 98.0 | 90.0 x 98.0 |

| | | | | | |
|---|---|---|---|---|---|
| Stroke | | (3.54 x 3.86) | (3.54 x 3.86) | (3.54 x 3.86) | (3.54 x 3.86) |
| Displacement | $cm^3$ (cu. in.) | 2494 (152.2) | 2494 (152.2) | 2494 (152.2) | 2494 (152.2) |
| Compression Ratio | | 10.4 : 1 | 10.4 : 1 | 10.4 : 1 | 10.4 : 1 |
| Fuel System | | SFI | SFI | SFI | SFI |
| Octane Rating | | 87 or higher | 87 or higher | 87 or higher | 87 or higher |
| Max. Output [SAE-NET]*1 | kW@rpm (HP@rpm) | 131@6000 (176@6000) | 131@6000 (176@6000) | 131@6000 (176@6000) | 131@6000 (176@6000) |
| Max. Torque [SAE-NET]*1 | N*m@rpm (ft.*lbf@rpm) | 233@4100 (172@4100) | 233@4100 (172@4100) | 233@4100 (172@4100) | 233@4100 (172@4100) |
| Battery Capacity (5HR) | Voltage and Amp. hr. | 12 - 52 | 12 - 52 | 12 - 52 | 12 - 52 |
| Alternator Output | Watts | 1200 | 1200 | 1200 | 1200 |
| Starter Output | kW | 1.7 | 1.7 | 1.7 | 1.7 |
| Clutch Type | | - | - | - | - |
| Transaxle Type | | U760E | U760E | U760F | U760F |
| Transaxle Gear Ratio | 1st | 3.300 | 3.300 | 3.300 | 3.300 |
| | 2nd | 1.900 | 1.900 | 1.900 | 1.900 |
| | 3rd | 1.420 | 1.420 | 1.420 | 1.420 |
| | 4th | 1.000 | 1.000 | 1.000 | 1.000 |
| | 5th | 0.713 | 0.713 | 0.713 | 0.713 |
| | 6th | 0.608 | 0.608 | 0.608 | 0.608 |
| | Reverse | 4.148 | 4.148 | 4.148 | 4.148 |
| Differential (Final) Gear Ratio | | 3.819 | 3.819 | 4.071 | 4.071 |
| Transfer Gear Ratio | | - | - | 0.439 | 0.439 |
| Rear Differential Gear Ratio | | - | - | 2.277 | 2.277 |
| Rear Differential Gear Size | in. | - | - | 135 (5.3) | 135 (5.3) |
| Brake Type | Front | Ventilated Disc | Ventilated Disc | Ventilated Disc | Ventilated Disc |
| | Rear | Solid Disc | Solid Disc | Solid Disc | Solid Disc |
| Parking Brake Type | | Duo-servo Drum | Duo-servo Drum | Duo-servo Drum | Duo-servo Drum |
| Brake | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| Booster Type and Size | in. | Single, 10 | Single, 10 | Single, 10 | Single, 10 |
| Suspension Type | Front | MacPherson Strut | MacPherson Strut | MacPherson Strut | MacPherson Strut |
| | Rear | Double-wishbone | Double-wishbone | Double-wishbone | Double-wishbone |
| Stabilizer Bar | Front | Standard | Standard | Standard | Standard |
| | Rear | Standard | Standard | Standard | Standard |
| Steering Gear Type | | Rack and Pinion | Rack and Pinion | Rack and Pinion | Rack and Pinion |
| Steering Gear Ratio (Overall) | | 14.5 | 14.5*2<br>14.7*3 | 14.5 | 14.5 |
| Power Steering Type | | Electric Motor | Electric Motor | Electric Motor | Electric Motor |

*1: Maximum output and torque rating are determined using the revised SAE J1349 procedure.
*2: Models with 17-inch wheels
*3: Models with 18-inch wheels

(c) Models for U.S.A. 3

(1) Major Dimensions, Vehicle Weights and Performance

| BODY TYPE | | | 5-DOOR WAGON | | | |
|---|---|---|---|---|---|---|
| VEHICLE GRADE | | | LIMITED | LE | XLE | LIMITED |
| MODEL CODE | | | ASA44L-CNTGKA | ASA42L-CNTXKA | ASA42L-CNTMKA | ASA42L-CNTGKA |
| Overall | Length | mm (in.) | 4570 (179.9) | 4570 (179.9) | 4570 (179.9) | 4570 (179.9) |
| | Width | mm (in.) | 1845 (72.6) | 1845 (72.6) | 1845 (72.6) | 1845 (72.6) |
| | Height | mm (in.) | 1660 (65.4)<br>1705 (67.1)*4 | 1660 (65.4)<br>1705 (67.1)*4 | 1660 (65.4)<br>1705 (67.1)*4 | 1660 (65.4)<br>1705 (67.1)*4 |
| Wheel Base | | mm (in.) | 2660 (104.7) | 2660 (104.7) | 2660 (104.7) | 2660 (104.7) |
| Tread*1 | Front | mm (in.) | 1560 (61.4)<br>1570 (61.8)*2 | 1570 (61.8) | 1570 (61.8) | 1560 (61.4)<br>1570 (61.8)*2 |
| | Rear | mm (in.) | 1560 (61.4)<br>1570 (61.8)*2 | 1570 (61.8) | 1570 (61.8) | 1560 (61.4)<br>1570 (61.8)*2 |
| Effective Head Room | Front | mm (in.) | 988 (38.9) | 1012 (39.8) | 988 (38.9) | 988 (38.9) |
| | Rear | mm (in.) | 989 (38.9) | 987 (38.9) | 989 (38.9) | 989 (38.9) |
| Effective Leg Room | Front | mm (in.) | 1081 (42.6) | 1081 (42.6) | 1081 (42.6) | 1081 (42.6) |
| | Rear | mm (in.) | 944 (37.2) | 944 (37.2) | 944 (37.2) | 944 (37.2) |

| | | | | | | |
|---|---|---|---|---|---|---|
| Shoulder Room | Front | mm (in.) | 1455 (57.3) | 1455 (57.3) | 1455 (57.3) | 1455 (57.3) |
| | Rear | mm (in.) | 1407 (55.4) | 1407 (55.4) | 1407 (55.4) | 1407 (55.4) |
| Overhang | Front | mm (in.) | 910 (35.8) | 910 (35.8) | 910 (35.8) | 910 (35.8) |
| | Rear | mm (in.) | 1000 (39.4) | 1000 (39.4) | 1000 (39.4) | 1000 (39.4) |
| Min. Running Ground Clearance | | mm (in.) | 159 (6.3) | 159 (6.3) | 159 (6.3) | 159 (6.3) |
| Angle of Approach | | degrees | 29 | 29 | 29 | 29 |
| Angle of Departure | | degrees | 22 | 22 | 22 | 22 |
| Curb Weight | Front | kg (lb) | - | - | - | - |
| | Rear | kg (lb) | - | - | - | - |
| | Total | kg (lb) | 1620 (3571) | 1545 (3406) | 1560 (3439) | 1570 (3461) |
| Gross Vehicle Weight | Front | kg (lb) | - | - | - | - |
| | Rear | kg (lb) | - | - | - | - |
| | Total | kg (lb) | 2300 (5070) | 2300 (5070) | 2300 (5070) | 2300 (5070) |
| Luggage Compartment Capacity | | L (cu. ft.) | 577 (20.4) | 577 (20.4) | 577 (20.4) | 577 (20.4) |
| Fuel Tank Capacity | | L (Imp. gal) | 60 (13.2) | 60 (13.2) | 60 (13.2) | 60 (13.2) |
| Max. Speed | | km/h (mph) | 200 (124) | 200 (124) | 200 (124) | 200 (124) |
| Max. Cruising Speed | | km/h (mph) | - | - | - | - |
| Max. Permissible Speed | 1st Gear | km/h (mph) | 59 (37) | 63 (39) | 63 (39) | 63 (39) |
| | 2nd Gear | km/h (mph) | 103 (64) | 109 (68) | 109 (68) | 109 (68) |
| | 3rd Gear | km/h (mph) | 137 (85) | 146 (91) | 146 (91) | 146 (91) |
| | 4th Gear | km/h (mph) | 200 (124) | 200 (124) | 200 (124) | 200 (124) |
| | 5th Gear | km/h (mph) | 178 (111) | 178 (111) | 178 (111) | 178 (111) |
| | 6th Gear | km/h (mph) | 170 (106) | 157 (98) | 157 (98) | 157 (98) |
| Acceleration | 0 to 60 mph | sec. | 9.0 | 8.9 | 8.9 | 8.9 |
| | 0 to 1/4 mile | sec. | 16.4 | 16.3 | 16.3 | 16.3 |
| | | | 10.6 | | | 10.6 |

| | | | | | | |
|---|---|---|---|---|---|---|
| Turning Diameter (Outside Front) | Tire | m (ft.) | (34.8)*2<br>11.2<br>(36.7)*3 | 10.6 (34.8) | 10.6 (34.8) | (34.8)*2<br>11.2<br>(36.7)*3 |
| | Body | m (ft.) | 11.4<br>(37.4)*2<br>12.0<br>(39.4)*3 | 11.4 (37.4) | 11.4 (37.4) | 11.4<br>(37.4)*2<br>12.0<br>(39.4)*3 |

*1: Unladen vehicle
*2: Models with 17-inch wheels
*3: Models with 18-inch wheels
*4: Models with roof rail

(2) Engine, Engine Electrical and Chassis

| BODY TYPE | | 5-DOOR WAGON | | | |
|---|---|---|---|---|---|
| VEHICLE GRADE | | LIMITED | LE | XLE | LIMITED |
| MODEL CODE | | ASA44L-CNTGKA | ASA42L-CNTXKA | ASA42L-CNTMKA | ASA42L-CNTGKA |
| Engine Type | | 2AR-FE | 2AR-FE | 2AR-FE | 2AR-FE |
| No. of Cyls. and Arrangement | | 4-cylinder, In-line | 4-cylinder, In-line | 4-cylinder, In-line | 4-cylinder, In-line |
| Valve Mechanism | | 16-valve DOHC, Chain Drive (with Dual VVT-i) | 16-valve DOHC, Chain Drive (with Dual VVT-i) | 16-valve DOHC, Chain Drive (with Dual VVT-i) | 16-valve DOHC, Chain Drive (with Dual VVT-i) |
| Bore x Stroke | mm (in.) | 90.0 x 98.0<br>(3.54 x 3.86) | 90.0 x 98.0<br>(3.54 x 3.86) | 90.0 x 98.0<br>(3.54 x 3.86) | 90.0 x 98.0<br>(3.54 x 3.86) |
| Displacement | $cm^3$ (cu. in.) | 2494 (152.2) | 2494 (152.2) | 2494 (152.2) | 2494 (152.2) |
| Compression Ratio | | 10.4 : 1 | 10.4 : 1 | 10.4 : 1 | 10.4 : 1 |
| Fuel System | | SFI | SFI | SFI | SFI |
| Octane Rating | | 87 or higher | 87 or higher | 87 or higher | 87 or higher |
| Max. Output [SAE-NET]*1 | kW@rpm (HP@rpm) | 131@6000<br>(176@6000) | 131@6000<br>(176@6000) | 131@6000<br>(176@6000) | 131@6000<br>(176@6000) |
| Max. Torque [SAE-NET]*1 | N*m@rpm (ft.*lbf@rpm) | 233@4100<br>(172@4100) | 233@4100<br>(172@4100) | 233@4100<br>(172@4100) | 233@4100<br>(172@4100) |
| Battery Capacity (5HR) | Voltage and Amp. hr. | 12 - 52 | 12 - 52 | 12 - 52 | 12 - 52 |
| Alternator Output | Watts | 1200 | 1200 | 1200 | 1200 |
| Starter Output | kW | 1.7 | 1.7 | 1.7 | 1.7 |

| | | | | | |
|---|---|---|---|---|---|
| Clutch Type | | - | - | - | - |
| Transaxle Type | | U760F | U760E | U760E | U760E |
| Transaxle Gear Ratio | 1st | 3.300 | 3.300 | 3.300 | 3.300 |
| | 2nd | 1.900 | 1.900 | 1.900 | 1.900 |
| | 3rd | 1.420 | 1.420 | 1.420 | 1.420 |
| | 4th | 1.000 | 1.000 | 1.000 | 1.000 |
| | 5th | 0.713 | 0.713 | 0.713 | 0.713 |
| | 6th | 0.608 | 0.608 | 0.608 | 0.608 |
| | Reverse | 4.148 | 4.148 | 4.148 | 4.148 |
| Differential (Final) Gear Ratio | | 4.071 | 3.819 | 3.819 | 3.819 |
| Transfer Gear Ratio | | 0.439 | - | - | - |
| Rear Differential Gear Ratio | | 2.277 | - | - | - |
| Rear Differential Gear Size | in. | 135 (5.3) | - | - | - |
| Brake Type | Front | Ventilated Disc | Ventilated Disc | Ventilated Disc | Ventilated Disc |
| | Rear | Solid Disc | Solid Disc | Solid Disc | Solid Disc |
| Parking Brake Type | | Duo-servo Drum | Duo-servo Drum | Duo-servo Drum | Duo-servo Drum |
| Brake Booster Type and Size | in. | Single, 10 | Single, 10 | Single, 10 | Single, 10 |
| Suspension Type | Front | MacPherson Strut | MacPherson Strut | MacPherson Strut | MacPherson Strut |
| | Rear | Double-wishbone | Double-wishbone | Double-wishbone | Double-wishbone |
| Stabilizer Bar | Front | Standard | Standard | Standard | Standard |
| | Rear | Standard | Standard | Standard | Standard |
| Steering Gear Type | | Rack and Pinion | Rack and Pinion | Rack and Pinion | Rack and Pinion |
| Steering Gear Ratio (Overall) | | 14.5*2<br>14.7*3 | 14.5 | 14.5 | 14.5*2<br>14.7*3 |
| Power Steering Type | | Electric Motor | Electric Motor | Electric Motor | Electric Motor |

*1: Maximum output and torque rating are determined using the revised SAE J1349 procedure.
*2: Models with 17-inch wheels
*3: Models with 18-inch wheels

(d) Models for Canada 1

(1) Major Dimensions, Vehicle Weights and Performance

| BODY TYPE | | | 5-DOOR WAGON | | | |
|---|---|---|---|---|---|---|
| VEHICLE GRADE | | | LE | XLE | LIMITED | LE |
| MODEL CODE | | | ASA44L-CNTXKK | ASA44L-CNTMKK | ASA44L-CNTGKK | ASA42L-CNTXKK |
| Overall | Length | mm (in.) | 4570 (179.9) | 4570 (179.9) | 4570 (179.9) | 4570 (179.9) |
| | Width | mm (in.) | 1845 (72.6) | 1845 (72.6) | 1845 (72.6) | 1845 (72.6) |
| | Height | mm (in.) | 1660 (65.4)<br>1705 (67.1)*4 | 1660 (65.4)<br>1705 (67.1)*4 | 1660 (65.4)<br>1705 (67.1)*4 | 1660 (65.4)<br>1705 (67.1)*4 |
| Wheel Base | | mm (in.) | 2660 (104.7) | 2660 (104.7) | 2660 (104.7) | 2660 (104.7) |
| Tread*1 | Front | mm (in.) | 1570 (61.8) | 1570 (61.8) | 1560 (61.4)<br>1570 (61.8)*2 | 1570 (61.8) |
| | Rear | mm (in.) | 1570 (61.8) | 1570 (61.8) | 1560 (61.4)<br>1570 (61.8)*2 | 1570 (61.8) |
| Effective Head Room | Front | mm (in.) | 1012 (39.8) | 988 (38.9) | 988 (38.9) | 1012 (39.8) |
| | Rear | mm (in.) | 987 (38.9) | 989 (38.9) | 989 (38.9) | 987 (38.9) |
| Effective Leg Room | Front | mm (in.) | 1081 (42.6) | 1081 (42.6) | 1081 (42.6) | 1081 (42.6) |
| | Rear | mm (in.) | 944 (37.2) | 944 (37.2) | 944 (37.2) | 944 (37.2) |
| Shoulder Room | Front | mm (in.) | 1455 (57.3) | 1455 (57.3) | 1455 (57.3) | 1455 (57.3) |
| | Rear | mm (in.) | 1407 (55.4) | 1407 (55.4) | 1407 (55.4) | 1407 (55.4) |
| Overhang | Front | mm (in.) | 910 (35.8) | 910 (35.8) | 910 (35.8) | 910 (35.8) |
| | Rear | mm (in.) | 1000 (39.4) | 1000 (39.4) | 1000 (39.4) | 1000 (39.4) |
| Min. Running Ground Clearance | | mm (in.) | 159 (6.3) | 159 (6.3) | 159 (6.3) | 159 (6.3) |
| Angle of Approach | | degrees | 29 | 29 | 29 | 29 |
| Angle of Departure | | degrees | 22 | 22 | 22 | 22 |
| Curb Weight | Front | kg (lb) | - | - | - | - |
| | Rear | kg (lb) | - | - | - | - |
| | Total | kg (lb) | 1600 (3527) | 1615 (3560) | 1620 (3571) | 1545 (3406) |
| Gross Vehicle Weight | Front | kg (lb) | - | - | - | - |
| | Rear | kg (lb) | - | - | - | - |
| | Total | kg (lb) | 2300 (5070) | 2300 (5070) | 2300 (5070) | 2300 (5070) |
| Luggage Compartment Capacity | | L (cu. ft.) | 577 (20.4) | 577 (20.4) | 577 (20.4) | 577 (20.4) |

| | | | | | | |
|---|---|---|---|---|---|---|
| Fuel Tank Capacity | | L (Imp. gal) | 60 (13.2) | 60 (13.2) | 60 (13.2) | 60 (13.2) |
| Max. Speed | | km/h (mph) | 200 (124) | 200 (124) | 200 (124) | 200 (124) |
| Max. Cruising Speed | | km/h (mph) | - | - | - | - |
| Max. Permissible Speed | 1st Gear | km/h (mph) | 59 (37) | 59 (37) | 59 (37) | 63 (39) |
| | 2nd Gear | km/h (mph) | 103 (64) | 103 (64) | 103 (64) | 109 (68) |
| | 3rd Gear | km/h (mph) | 137 (85) | 137 (85) | 137 (85) | 146 (91) |
| | 4th Gear | km/h (mph) | 200 (124) | 200 (124) | 200 (124) | 200 (124) |
| | 5th Gear | km/h (mph) | 178 (111) | 178 (111) | 178 (111) | 178 (111) |
| | 6th Gear | km/h (mph) | 170 (106) | 170 (106) | 170 (106) | 157 (98) |
| Acceleration | 0 to 60 mph | sec. | 9.0 | 9.0 | 9.0 | 8.9 |
| | 0 to 1/4 mile | sec. | 16.4 | 16.4 | 16.4 | 16.3 |
| Turning Diameter (Outside Front) | Tire | m (ft.) | 10.6 (34.8) | 10.6 (34.8) | 10.6 (34.8)*2<br>11.2 (36.7)*3 | 10.6 (34.8) |
| | Body | m (ft.) | 11.4 (37.4) | 11.4 (37.4) | 11.4 (37.4)*2<br>12.0 (39.4)*3 | 11.4 (37.4) |

*1: Unladen vehicle
*2: Models with 17-inch wheels
*3: Models with 18-inch wheels
*4: Models with roof rail

(2) Engine, Engine Electrical and Chassis

| BODY TYPE | 5-DOOR WAGON | | | |
|---|---|---|---|---|
| VEHICLE GRADE | LE | XLE | LIMITED | LE |
| MODEL CODE | ASA44L-CNTXKK | ASA44L-CNTMKK | ASA44L-CNTGKK | ASA42L-CNTXKK |
| Engine Type | 2AR-FE | 2AR-FE | 2AR-FE | 2AR-FE |

| | | | | | |
|---|---|---|---|---|---|
| No. of Cyls. and Arrangement | | 4-cylinder, In-line | 4-cylinder, In-line | 4-cylinder, In-line | 4-cylinder, In-line |
| Valve Mechanism | | 16-valve DOHC, Chain Drive (with Dual VVT-i) | 16-valve DOHC, Chain Drive (with Dual VVT-i) | 16-valve DOHC, Chain Drive (with Dual VVT-i) | 16-valve DOHC, Chain Drive (with Dual VVT-i) |
| Bore x Stroke | mm (in.) | 90.0 x 98.0 (3.54 x 3.86) | 90.0 x 98.0 (3.54 x 3.86) | 90.0 x 98.0 (3.54 x 3.86) | 90.0 x 98.0 (3.54 x 3.86) |
| Displacement | $cm^3$ (cu. in.) | 2494 (152.2) | 2494 (152.2) | 2494 (152.2) | 2494 (152.2) |
| Compression Ratio | | 10.4 : 1 | 10.4 : 1 | 10.4 : 1 | 10.4 : 1 |
| Fuel System | | SFI | SFI | SFI | SFI |
| Octane Rating | | 87 or higher | 87 or higher | 87 or higher | 87 or higher |
| Max. Output [SAE-NET]*1 | kW@rpm (HP@rpm) | 131@6000 (176@6000) | 131@6000 (176@6000) | 131@6000 (176@6000) | 131@6000 (176@6000) |
| Max. Torque [SAE-NET]*1 | N*m@rpm (ft.*lbf@rpm) | 233@4100 (172@4100) | 233@4100 (172@4100) | 233@4100 (172@4100) | 233@4100 (172@4100) |
| Battery Capacity (5HR) | Voltage and Amp. hr. | 12 - 52 | 12 - 52 | 12 - 52 | 12 - 52 |
| Alternator Output | Watts | 1200 | 1200 | 1200 | 1200 |
| Starter Output | kW | 1.7 | 1.7 | 1.7 | 1.7 |
| Clutch Type | | - | - | - | - |
| Transaxle Type | | U760F | U760F | U760F | U760E |
| Transaxle Gear Ratio | 1st | 3.300 | 3.300 | 3.300 | 3.300 |
| | 2nd | 1.900 | 1.900 | 1.900 | 1.900 |
| | 3rd | 1.420 | 1.420 | 1.420 | 1.420 |
| | 4th | 1.000 | 1.000 | 1.000 | 1.000 |
| | 5th | 0.713 | 0.713 | 0.713 | 0.713 |
| | 6th | 0.608 | 0.608 | 0.608 | 0.608 |
| | Reverse | 4.148 | 4.148 | 4.148 | 4.148 |
| Differential (Final) Gear Ratio | | 4.071 | 4.071 | 4.071 | 3.819 |
| Transfer Gear Ratio | | 0.439 | 0.439 | 0.439 | - |
| Rear Differential Gear Ratio | | 2.277 | 2.277 | 2.277 | - |
| Rear Differential Gear Size | in. | 135 (5.3) | 135 (5.3) | 135 (5.3) | - |

| | | | | | |
|---|---|---|---|---|---|
| Brake Type | Front | Ventilated Disc | Ventilated Disc | Ventilated Disc | Ventilated Disc |
| | Rear | Solid Disc | Solid Disc | Solid Disc | Solid Disc |
| Parking Brake Type | | Duo-servo Drum | Duo-servo Drum | Duo-servo Drum | Duo-servo Drum |
| Brake Booster Type and Size | in. | Single, 10 | Single, 10 | Single, 10 | Single, 10 |
| Suspension Type | Front | MacPherson Strut | MacPherson Strut | MacPherson Strut | MacPherson Strut |
| | Rear | Double-wishbone | Double-wishbone | Double-wishbone | Double-wishbone |
| Stabilizer Bar | Front | Standard | Standard | Standard | Standard |
| | Rear | Standard | Standard | Standard | Standard |
| Steering Gear Type | | Rack and Pinion | Rack and Pinion | Rack and Pinion | Rack and Pinion |
| Steering Gear Ratio (Overall) | | 14.5 | 14.5 | 14.5*2<br>14.7*3 | 14.5 |
| Power Steering Type | | Electric Motor | Electric Motor | Electric Motor | Electric Motor |

*1: Maximum output and torque rating are determined using the revised SAE J1349 procedure.
*2: Models with 17-inch wheels
*3: Models with 18-inch wheels

(e) Models for Canada 2

(1) Major Dimensions, Vehicle Weights and Performance

| BODY TYPE | | | 5-DOOR WAGON | |
|---|---|---|---|---|
| VEHICLE GRADE | | | XLE | LIMITED |
| MODEL CODE | | | ASA42L-CNTMKK | ASA42L-CNTGKK |
| Overall | Length | mm (in.) | 4570 (179.9) | 4570 (179.9) |
| | Width | mm (in.) | 1845 (72.6) | 1845 (72.6) |
| | Height | mm (in.) | 1660 (65.4)<br>1705 (67.1)*4 | 1660 (65.4)<br>1705 (67.1)*4 |
| Wheel Base | | mm (in.) | 2660 (104.7) | 2660 (104.7) |
| Tread*1 | Front | mm (in.) | 1570 (61.8) | 1560 (61.4)<br>1570 (61.8)*2 |
| | Rear | mm (in.) | 1570 (61.8) | 1560 (61.4)<br>1570 (61.8)*2 |
| Effective Head Room | Front | mm (in.) | 988 (38.9) | 988 (38.9) |
| | Rear | mm (in.) | 989 (38.9) | 989 (38.9) |
| Effective Leg Room | Front | mm (in.) | 1081 (42.6) | 1081 (42.6) |
| | Rear | mm (in.) | 944 (37.2) | 944 (37.2) |

| | | | | |
|---|---|---|---|---|
| Shoulder Room | Front | mm (in.) | 1455 (57.3) | 1455 (57.3) |
| | Rear | mm (in.) | 1407 (55.4) | 1407 (55.4) |
| Overhang | Front | mm (in.) | 910 (35.8) | 910 (35.8) |
| | Rear | mm (in.) | 1000 (39.4) | 1000 (39.4) |
| Min. Running Ground Clearance | | mm (in.) | 159 (6.3) | 159 (6.3) |
| Angle of Approach | | degrees | 29 | 29 |
| Angle of Departure | | degrees | 22 | 22 |
| Curb Weight | Front | kg (lb) | - | - |
| | Rear | kg (lb) | - | - |
| | Total | kg (lb) | 1560 (3465) | 1570 (3485) |
| Gross Vehicle Weight | Front | kg (lb) | - | - |
| | Rear | kg (lb) | - | - |
| | Total | kg (lb) | 2300 (5070) | 2300 (5070) |
| Luggage Compartment Capacity | | L (cu. ft.) | 577 (20.4) | 577 (20.4) |
| Fuel Tank Capacity | | L (Imp. gal) | 60 (13.2) | 60 (13.2) |
| Max. Speed | | km/h (mph) | 200 (124) | 200 (124) |
| Max. Cruising Speed | | km/h (mph) | - | - |
| Max. Permissible Speed | 1st Gear | km/h (mph) | 63 (39) | 63 (39) |
| | 2nd Gear | km/h (mph) | 109 (68) | 109 (68) |
| | 3rd Gear | km/h (mph) | 146 (91) | 146 (91) |
| | 4th Gear | km/h (mph) | 200 (124) | 200 (124) |
| | 5th Gear | km/h (mph) | 178 (111) | 178 (111) |
| | 6th Gear | km/h (mph) | 157 (98) | 157 (98) |
| Acceleration | 0 to 60 mph | sec. | 8.9 | 8.9 |
| | 0 to 1/4 mile | sec. | 16.3 | 16.3 |
| Turning Diameter (Outside Front) | Tire | m (ft.) | 10.6 (34.8) | 10.6 (34.8)*2, 11.2 (36.7)*3 |

| | | | | |
|---|---|---|---|---|
| | Body | m (ft.) | 11.4 (37.4) | 11.4 (37.4)*2, 12.0 (39.4)*3 |

*1: Unladen vehicle
*2: Models with 17-inch wheels
*3: Models with 18-inch wheels
*4: Models with roof rail

(2) Engine, Engine Electrical and Chassis

| BODY TYPE | | 5-DOOR WAGON | |
|---|---|---|---|
| VEHICLE GRADE | | XLE | LIMITED |
| MODEL CODE | | ASA42L-CNTMKK | ASA42L-CNTGKK |
| Engine Type | | 2AR-FE | 2AR-FE |
| No. of Cyls. and Arrangement | | 4-cylinder, In-line | 4-cylinder, In-line |
| Valve Mechanism | | 16-valve DOHC, Chain Drive (with Dual VVT-i) | 16-valve DOHC, Chain Drive (with Dual VVT-i) |
| Bore x Stroke | mm (in.) | 90.0 x 98.0 (3.54 x 3.86) | 90.0 x 98.0 (3.54 x 3.86) |
| Displacement | $cm^3$ (cu. in.) | 2494 (152.2) | 2494 (152.2) |
| Compression Ratio | | 10.4 : 1 | 10.4 : 1 |
| Fuel System | | SFI | SFI |
| Octane Rating | | 87 or higher | 87 or higher |
| Max. Output [SAE-NET]*1 | kW@rpm (HP@rpm) | 131@6000 (176@6000) | 131@6000 (176@6000) |
| Max. Torque [SAE-NET]*1 | N*m@rpm (ft.*lbf@rpm) | 233@4100 (172@4100) | 233@4100 (172@4100) |
| Battery Capacity (5HR) | Voltage and Amp. hr. | 12 - 52 | 12 - 52 |
| Alternator Output | Watts | 1200 | 1200 |
| Starter Output | kW | 1.7 | 1.7 |
| Clutch Type | | - | - |
| Transaxle Type | | U760E | U760E |
| Transaxle Gear Ratio | 1st | 3.300 | 3.300 |
| | 2nd | 1.900 | 1.900 |
| | 3rd | 1.420 | 1.420 |
| | 4th | 1.000 | 1.000 |
| | 5th | 0.713 | 0.713 |

| | | | |
|---|---|---|---|
| | 6th | 0.608 | 0.608 |
| | Reverse | 4.148 | 4.148 |
| Differential (Final) Gear Ratio | | 3.819 | 3.819 |
| Transfer Gear Ratio | | - | - |
| Rear Differential Gear Ratio | | - | - |
| Rear Differential Gear Size | in. | - | - |
| Brake Type | Front | Ventilated Disc | Ventilated Disc |
| | Rear | Solid Disc | Solid Disc |
| Parking Brake Type | | Duo-servo Drum | Duo-servo Drum |
| Brake Booster Type and Size | in. | Single, 10 | Single, 10 |
| Suspension Type | Front | MacPherson Strut | MacPherson Strut |
| | Rear | Double-wishbone | Double-wishbone |
| Stabilizer Bar | Front | Standard | Standard |
| | Rear | Standard | Standard |
| Steering Gear Type | | Rack and Pinion | Rack and Pinion |
| Steering Gear Ratio (Overall) | | 14.5 | 14.5*2, 14.7*3 |
| Power Steering Type | | Electric Motor | Electric Motor |

*1: Maximum output and torque rating are determined using the revised SAE J1349 procedure.
*2: Models with 17-inch wheels
*3: Models with 18-inch wheels