

Tech Specs

Vehicle Name

Mazda Mazda3 Hatchback

Body Style

i-ACTIV AWD Hatchback

Drivetrain

All Wheel Drive

EPA Classification

Midsized Cars

Passenger Capacity

5 5.0 min 5.0 max

Passenger Volume

92.7 ft³ 92.7 min 92.7 max

Base Curb Weight

3255 lbs 3255.0 min 3255.0 max

Fuel Economy Est-Combined

27 MPG 27.0 min 27.0 max

EPA Fuel Economy Est - City

24 MPG 24.0 min 24.0 max

EPA Fuel Economy Est - Hwy

32 MPG 32.0 min 32.0 max

Engine Type

Regular Unleaded I-4

Displacement

2.5 L/152

Fuel System

Gasoline Direct Injection

SAE Net Horsepower @ RPM

186 @ 6000

SAE Net Torque @ RPM

186 @ 4000

Trans Type

6 6.0 min 6.0 max

Trans Description Cont.

Automatic w/OD

First Gear Ratio (:1)

3.55 3.55 min 3.55 max

Second Gear Ratio (:1)

2.02 2.02 min 2.02 max

Third Gear Ratio (:1)

1.35 1.35 min 1.35 max

Fourth Gear Ratio (:1)

1.00 1.0 min 1.0 max

Fifth Gear Ratio (:1)

0.74 0.74 min 0.74 max

Sixth Gear Ratio (:1)

0.60 0.6 min 0.6 max

Reverse Ratio (:1)

3.05 3.05 min 3.05 max

Final Drive Axle Ratio (:1)

3.63 3.63 min 3.63 max

Tons/yr of CO2 Emissions @ 15K mi/year

6.6 6.6 min 6.6 max

Maximum Alternator Capacity (amps)

130 130.0 min 130.0 max

Suspension Type - Front

Strut

Suspension Type - Rear

Torsion Beam

Suspension Type - Front (Cont.)

Strut

Suspension Type - Rear (Cont.)

Torsion Beam

Front Tire Size

P215/45VR18

Rear Tire Size

P215/45VR18

Spare Tire Size

Compact

Front Wheel Size

18 X 7 in

Rear Wheel Size

18 X 7 in

Spare Wheel Size

Compact in

Front Wheel Material

Forged Aluminum, Aluminum

Rear Wheel Material

Forged Aluminum, Aluminum

Spare Wheel Material

Steel

Steering Type

Rack-Pinion

Turning Diameter - Curb to Curb

34.8 ft 34.8 min 34.8 max

Brake Type

4-Wheel Disc

Brake ABS System

4-Wheel

Disc - Front (Yes or)

Yes

Disc - Rear (Yes or)

Yes

Front Brake Rotor Diam x Thickness

11.6 in 11.6 min 11.6 max

Rear Brake Rotor Diam x Thickness

10.4 in 10.4 min 10.4 max

Fuel Tank Capacity, Approx

12.7 gal 12.7 min 12.7 max

Front Head Room

38 in 38.0 min 38.0 max

Front Leg Room

42.3 in 42.3 min 42.3 max

Front Shoulder Room

55.7 in 55.7 min 55.7 max

Front Hip Room

54.6 in 54.6 min 54.6 max

Second Head Room

37.2 in 37.2 min 37.2 max

Second Leg Room

35.1 in 35.1 min 35.1 max

Second Shoulder Room

53.4 in 53.4 min 53.4 max

Second Hip Room

50.9 in 50.9 min 50.9 max

Wheelbase

107.3 in 107.3 min 107.3 max

Length, Overall

175.6 in 175.6 min 175.6 max

Width, Max w/o mirrors

70.7 in 70.7 min 70.7 max

Height, Overall

56.7 in 56.7 min 56.7 max

Track Width, Front

61.7 in 61.7 min 61.7 max

Track Width, Rear

62.2 in 62.2 min 62.2 max

Min Ground Clearance

5.5 in 5.5 min 5.5 max

Cargo Volume with Rear Seat Up

20.1 ft³ 20.1 min 20.1 max

Cargo Volume with Rear Seat Down

47.1 ft³ 47.1 min 47.1 max

Model Group

Mazda3

Vehicle Segment

Compact

Vehicle Type

Hatchback

Engine Displacement Units

2.5, 2.5 2.5 min 2.5 max

Engine Camshaft

DOHC, DOHC

Engine Block Type

aluminum, aluminum

Engine Cylinder Count

4, 4 4.0 min 4.0 max

Engine Valve Count

4, 4 4.0 min 4.0 max

Country of Origin

Japan Mazda Passenger Car