



TRAINING MANUAL

Mazda6 MPS Supplement



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Training Services

The logo consists of the words "ZOOM-ZOOM" in a stylized, italicized, yellow font with a blue outline, set against a blue background with a yellow gradient at the top.

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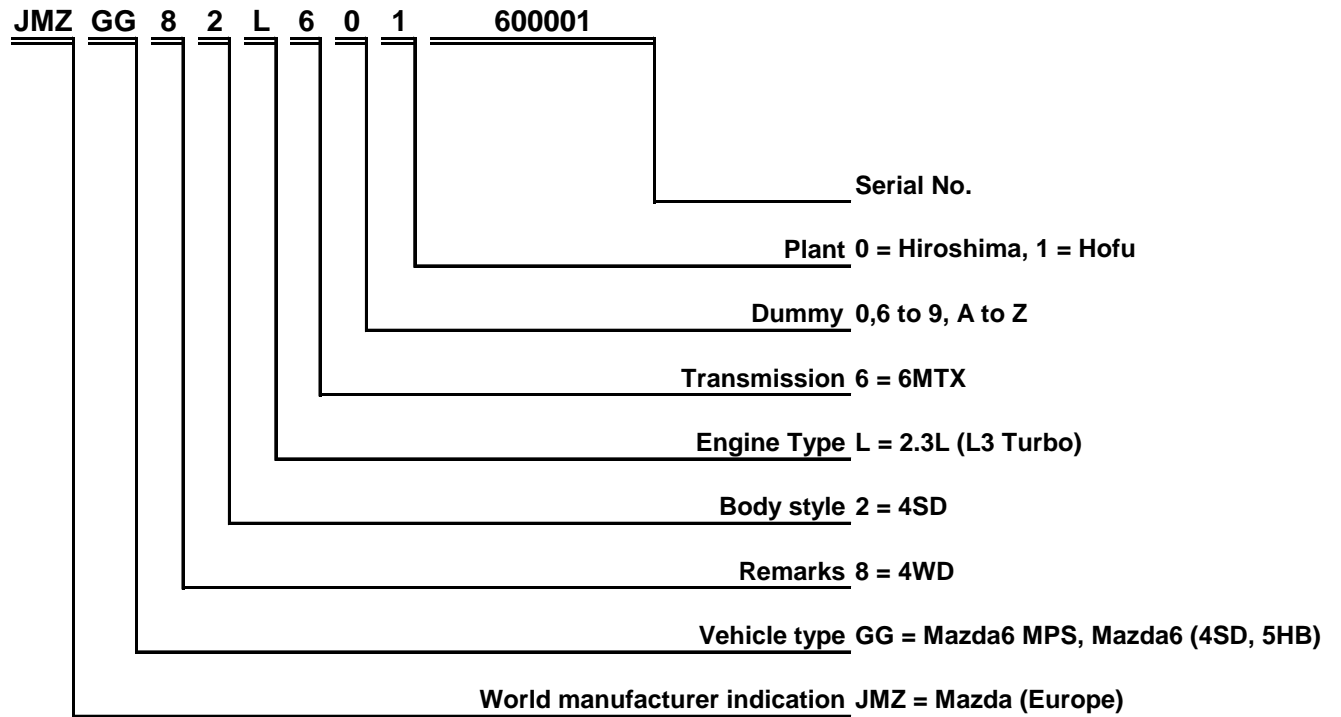
General Information

00 General Information

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General Information

VIN (Vehicle Identification Number) Code



M6-MPS_00T001

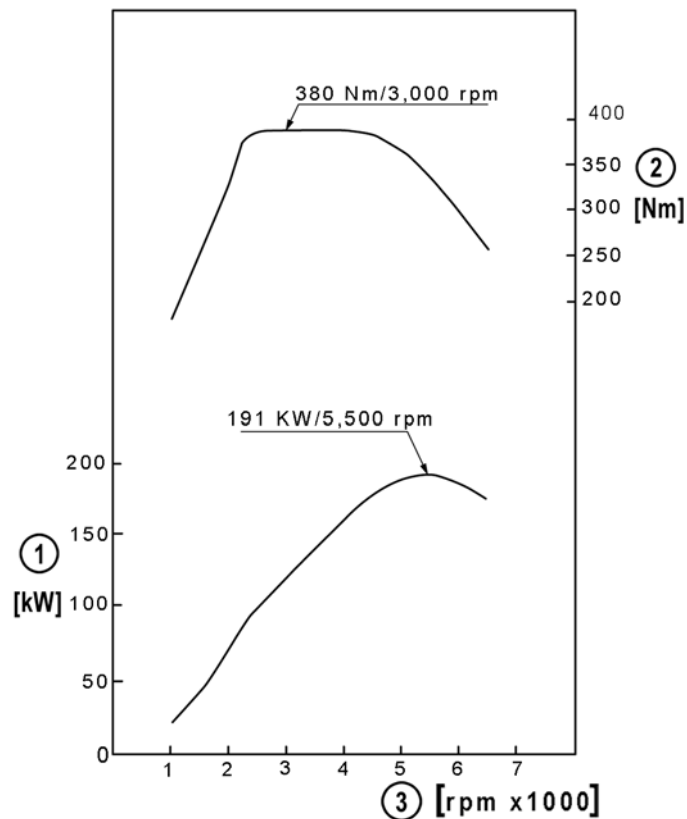
Applicable VIN

European specs:

JMZGG82L60# 600001—

Engine / Transaxle Combinations

- The Mazda6 **MPS (Mazda Performance Series)** fitted with the L3 Turbo engine is available in Europe exclusively with the A26MX-R transaxle.
- Power and torque output of the L3 Turbo engine are significantly increased in comparison to the standard L3 engine:
 - Max. output: 191kW (260PS) / 5,500rpm
 - Max. torque: 380Nm / 3,000rpm
 - Acceleration from 0...100 km/h: 6.6 seconds (under Mazda test conditions)
 - Acceleration from 50...100 km/h (3rd gear): 5.9 seconds (under Mazda test conditions)
 - Acceleration from 60...80 km/h (4th gear): 3.0 seconds (under Mazda test conditions)



M6-MPS_00001

1 Power output
2 Torque

3 Engine speed

General Information

Scheduled Maintenance

Maintenance interval	Maintenance interval (number of months or km (miles) which ever comes first)													
	Months		12	24	36	48	60	72	84	96	108	120	132	144
	X1000 km	5	15	30	45	60	75	90	105	120	135	150	165	180
	X1000 miles	3.1	9.4	18.8	28.1	37.5	46.9	56.3	65.6	75.0	84.4	93.8	103.1	112.5
ENGINE														
Engine valve clearance	Audible inspect every 120,000km (75,000 miles), if noisy adjust													
Engine oil* ²	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Engine oil filter * ²	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Drive belt * ³					I					I				I
COOLING SYSTEM														
Cooling system (including coolant level adjustment)			I		I		I		I		I		I	
Engine coolant	FL 22 type * ⁴	Replace every 195,000 km (121,900 miles) or 11 years												
	Others	Replace at first 90,000Km (56,300 miles) or 4 years, after that every 2 years												
FUEL SYSTEM														
Air cleaner element* ¹	Replace every 60,000Km (37,500 miles) or 36 months													
Fuel lines and hoses			I		I		I		I		I		I	
IGNITION SYSTEM														
Spark plugs	Replace every 75,000 Km (46,900 miles)													
EMISSION CONTROL SYSTEM														
Evaporation system(if installed)					I				I				I	
ELECTRICAL SYSTEM														
Battery electrolyte level and specific gravity		I	I	I	I	I	I	I	I	I	I	I	I	I
CHASSIS and BODY														
Brakes lines hoses and connections		I	I	I	I	I	I	I	I	I	I	I	I	I
Brake fluid * ⁶			R		R		R		R		R		R	
Parking brake		I	I	I	I	I	I	I	I	I	I	I	I	I
Power brake unit (Brake booster) and hoses		I	I	I	I	I	I	I	I	I	I	I	I	I
Disc brakes		I	I	I	I	I	I	I	I	I	I	I	I	I
Power steering fluid, lines, hoses and connections		I	I	I	I	I	I	I	I	I	I	I	I	I
Steering operation and linkages			I		I		I		I		I		I	
Manual transaxle oil								R						R
Rear differential oil														
Transfer oil														
Front and rear suspension and ball joints			I		I		I		I		I		I	
Drive shaft dust boots			I		I		I		I		I		I	
Exhaust system and heat shields							I					I		
Body condtion (for rust, corrosion and perforation)	Inspect annually													
Tires (including spare tire) (with inflation pressure adjustment)	I	I	I	I	I	I	I	I	I	I	I	I	I	I
AIR CONDITIONER SYSTEM (if installed)														
Air filter (if installed)	Replace every 40,000Km (25,000 miles) or 24 months													

M6-MPS_00T002

- I:** Inspect: Inspect and clean, repair, adjust, or replace if necessary.
R: Replace

General Information

Remarks: Emission control and related systems

- The ignition and fuel systems are highly important to the emission control system and to efficient engine operation. All inspections and adjustments must be made by an Authorized Mazda Dealer.
- After the prescribed period, continue to follow the described maintenance at the recommended intervals.
- Refer below for a description of items marked* in the maintenance chart.

*1: Also inspect and adjust the power steering and air conditioner drive belts, if installed.

*2: If the vehicle is operated under any of the following conditions, change the engine oil and oil filter more often than recommended intervals:

- Driving in dusty conditions.
- Extended periods of idling or low speed operation.
- Driving for long period in cold temperatures or driving regularly at short distance only.

*3: Use FL22 type coolant in vehicles with the inscription “FL22” on the radiator cap itself or the surrounding area. Use FL22 when replacing the coolant.

*4: If the vehicle is operated in very dusty or sandy areas, clean and if necessary, replace the air cleaner element more often than the recommended intervals.

*5: If the brakes are used extensively (for example, continuous hard driving or mountain driving) or if the vehicle is operated in extremely humid climates, change the brake fluid annually.

*6: If the vehicle is operated under any of the following conditions, change the rear differential oil every 45,000 km (28,100 miles):

- Towing a trailer or using a car-top carrier.
- Driving in dusty, sandy or wet condition.
- Extended periods of idling or low speed operation.
- Repeated short trips of less than 16 km (10 miles).

*7: If this component has been submerged in water, the oil should be changed.

*8: This is a full function check of electrical systems such as lights, wiper and washer systems (including wiper blades), and power windows.