

MAZDASPEED

PERFORMANCE ACCESSORIES

INSTALLATION INSTRUCTIONS

1. DESCRIPTION: Mazdaspeed Alloy Wheel –18 x 7.5J (+52.5mm offset) front and rear Split 5-Spoke Forged Aluminum – Silver Paint

2. APPLICATION: See your Mazdaspeed Dealer for application

3. KIT CONTENTS:

<u>Item No.</u>	<u>Qty</u>	<u>Part Number</u>	<u>Description</u>
1)	1	BLMS-8M-Z01	Alloy Wheel (Silver)
2)	1	BLMS-8M-Z02	Center Cap (Silver)
3)	1	BLMS-8M-Z03	Air Valve – Black
4)	5	BLMS-8M-Z04	17mm Lug Nuts – Black
5)	1	NA	Wheel Protective Cover
6)	1	NA	Installation Instructions
7)	1	NA	Warranty Statement

4. TOOLS REQUIRED:

- Torque Wrench 100 ft-lbs
- Tire Changer
- 21mm Socket and Wrench
- 14mm wrench for valve
- Regular Screw Driver
- Wheel Balancer
- Balance Weights

5. PRE-INSTALLATION:

WARNING

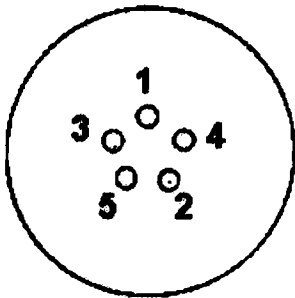
- Use only the recommended tire size.
- After installation, check for tire clearance between the body and/or suspension parts. If other components have been replaced, make sure there is still proper clearance to wheels and tires in all suspension positions.
- See vehicle tire placard for the recommended tire air pressure.
- Balance the alloy wheel and tire assembly.
- The clearance between the lug nuts and openings in the wheel are very small. Take care when using tools to reduce risk of marring the wheel.
- Due to the size of the recommended tires, snow chains are not permitted with these wheels.
- It is recommended that these maintenance instructions be kept in the vehicle for future reference.
- Mazdaspeed Accessories carry a different warranty than Mazda Genuine Accessories. Review the applicable warranty statement with your Mazdaspeed dealer. This product is sold under the Mazdaspeed Blue Warranty Statement (See attached Warranty Statement Sheet).
- Read complete instructions before starting installation of kit.
- Kit approved for North American vehicles only.

INSTALLATION INSTRUCTIONS – ALLOY WHEEL KIT

- For proper function, you must comply with the installation instructions.
- Use torque wrench on each bolt during installation.
- Provide instructions and OE take-off parts to the end user. Store instructions in a safe place for future use.

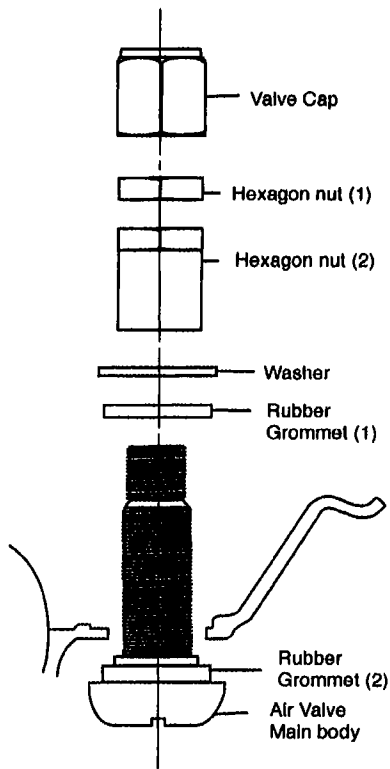
6. INSTALLATION PROCEDURE:

Instructions: Handle wheels carefully and do not scratch the surface of the wheel.



- 1) With the wheels directed forward, apply parking brake, chock wheels and raise the vehicle. Shift the automatic transmission into P (Park) or the manual transmission into R (Reverse).
- 2) Remove the original wheels and tires from the vehicle.
- 3) If vehicle is not equipped with the Tire Pressure Monitor System, install the provided air valves using the method described on the next of this document (Section 7). **Note: If vehicle is equipped with TPMS, remove the tire pressure sensor from each wheel (after removing the tire) and install at the same corner of the vehicle in the new alloy wheel. If the sensors are not returned to the correct location, or if new sensors are installed, the system will need to be re-initialized. A trained technician should perform this procedure per Mazda's service manual.**
- 4) Using a tire changer, mount the recommended tires on the new alloy wheels with the outboard of the tires facing the wheels' outboard side. Make sure the rotation orientation of the tire is correct of each wheel if applicable. Use only tire changers designed for aluminum alloy wheels. Other changers can cause damage to the wheel.
- 5) Inflate the tires to the specified COLD air pressure.
- 6) Balance the wheel and tire assemblies per Maintenance Section, Balancing Wheels (Bonding Weight Type).
- 7) Inspect the vehicle hub and remove any corrosion that would cause mounting misalignment.
- 8) Mount the wheel and tire assembly on the vehicle. **Note: If a rotational direction is specified, ensure that the tire rotates in the specified direction when mounted on the vehicle.**
- 9) Install the lug nuts hand-tight. Progressively tighten the lug nuts alternately and evenly in the sequence shown in the figure. Torque to **81 - 92 ft-lbs(110 -125 Nm)**. **Note: Do not use an impact wrench to achieve final torque. Always check each lug nut with a torque wrench set at the specified torque.**
- 10) Install the center caps on the wheels.
- 11) Wipe off the dust and finger marks, and clean the surface.

INSTALLATION INSTRUCTIONS – ALLOY WHEEL KIT



Air valve Installation Instructions:

- 1) Use the diagram at left to install the air valve into the new wheel.
- 2) Push the valve through hole in wheel until rubber gasket seal is compressed against inboard side of wheel.
- 3) Place washer over external side of tire valve. Washer should lie flat against machined surface of wheel around the valve hole.
- 4) Install large nut on valve.
Torque to: 14 – 16 in-lb (157 – 177 N-cm).
- 5) Install smaller nut and tighten it snugly against large nut.
Note: Do not over tighten.
- 6) Install valve cap finger tight.