

REPLACEMENT OF TIRE/WHEEL EQUIPPED WITH AERIS® AUTOMATIC TIRE INFLATION SYSTEM (ATIS)

This procedure outlines a quick way to de-pressurize the Aeris® inflation system before removing wheel hoses and wheels. **Depressurization makes hose removal from the hubcap quicker and easier** and could extend the life of the O-ring on the hose body.

STEP 1

Turn Off the Air-Flow

- Locate air inlet valve to control box (See Photo 1).
- Turn handle ½ turn so it is vertical which will turn off air flow to control box (See Photo 2).

STEP 2

Depressurize the System

- Open lid of control box and locate the check port fitting with screw-on metal cap on the pressure regulator (See Photo 3).
- Remove the cap and use the point on the cap to depress the pin of the valve core (See Photo 4). Hold for 5 seconds. System is now depressurized (tires will NOT lose air due to check valves in hose).
- Replace cap finger tight. Close the control box lid.

STEP 3

Repair or Replace Tire/Wheel and Re-pressurize the System

- Remove the wheel hoses from the hubcap as needed to make the tire/wheel repair.
- Re-install wheels after repair. Ensure the valve stems are properly clocked, relative to hubcap.
- Re-install wheel hoses onto the hubcap and valve stem. Tighten valve stem fitting to ½ turn after gasket contact. Tighten hubcap fitting by grasping the valve stem and the large nut together and turning snugly.
- Turn on the air inlet valve (See Photo 1). Use a liquid leak detector solution to check for leaks at valve stem + hubcap.

