



**BLUE BIRD**

**AUGUST 31, 2010**

**SERVICE MEMORANDUM NO: SM1003**

**MEMO TO: All Blue Bird Dealers and Customers**

**SUBJECT: Vision Air Intake System Maintenance Reminder**

**MODEL YEAR: 2007-2010**

**MODELS AFFECTED: VISIONS EQUIPPED WITH CUMMINS ENGINES**

Maintenance and inspection of the air intake tract is critical not only for proper performance, but also for engine life and warranty compliance. Any leak along the various tubing and clamped joints of the intake tract, including the charge air track, is an opportunity for the engine to ingest abrasive dirt or contamination into the turbo, valves and combustion chambers under pressure. Never run the engine with the air cleaner or its filter element removed.

Use only original replacement parts to avoid poor fit and consequent air leakage.

Visually inspect the intake tract whenever working in the engine compartment and follow the scheduled maintenance guidelines in the Specs & Maintenance chapter of the BBCV Service Manual as a minimum.

On page 2 is the list of maintenance procedures which should be performed with regularity to maintain the Blue Bird Vision.

**These are recommended minimum service intervals which assume normal operating conditions.** More frequent service intervals should be considered if the vehicle is operated in extreme conditions such as high humidity and/or dusty environments.

Time intervals are shown in terms of months or mileage. The correct interval will be whichever occurs first.



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## **Blue Bird “Vision” Intake System Maintenance Schedules**

### **Every Day**

- Inspect Intake Tract Duct & Elbow visually for proper fit and sealing, cuts, abrasions, signs of dirt contamination.
- Inspect Intake Tract Restriction Indicator. Replace filter element if indicator is red.

### **Every 3 Months or 5000 Miles**

- Inspect Air Cleaner Filter Element for proper seating and secure lid. Replace if soiled, wet, or damaged.
- Inspect Intake Tract Tubing, Charge Air Tubing and all Fasteners for signs of contaminate infiltration, loose clamps, wear spots and holes in piping
- Inspect & Tighten Intake Tract Hose Clamps-Tighten to 10 in lb.
- Inspect & Tighten Intake Tract Spring Loaded Clamps-Tighten to 6.5 -7.5 Ft lbs
- Inspect Intake Tract Support Bracket- Repair damaged parts immediately.
- Inspect & Tighten Intake Tract T-Bolt Clamps-Tighten to 50 in lb.
- Inspect & Tighten Intake Tract Worm Gear Clamps-Tighten to 38–42 in lb.

If you have any questions, contact your local Blue Bird dealer.

Sincerely,

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