



Vision Ford 6.8L Engine Oil Requirement

BULLETIN

Models Affected: Model Year 2013-2017 Vision with the Ford 6.8L V-10 Engine

ISSUE

Blue Bird Vision Ford 6.8L current manuals list either 5W-20 or 5W-30 Engine Oil Requirements. The current oil fill cap is labeled 5W-20.

CORRECTIVE ACTION

Install a new oil fill cap labeled 5W-30 upon receipt. At your next and all subsequent oil changes, Blue Bird's only recommendation is the use of 5W-30 motor oil. All oils used must have the API certification mark.

PROCEDURE

WARNING: Always follow all Federal, State, Local, and Shop safety standards and use proper safety equipment, and thoroughly read and understand all instructions before performing these procedures.

1. Park vehicle on a level surface, apply parking brake, turn engine off, remove ignition key, and chock wheels.
2. Replace the existing engine oil fill cap with Blue Bird Part No. 10050830 CAP,OIL,ENGINE,5W-30
3. At your next and all subsequent oil changes, use only 5W-30 motor oil with the API certification mark.

The Blue Bird Vision model powered with the optional Ford 6.8-liter V10 engine delivers quality and reliability with over 1.3 million engines produced since its introduction. The Ford 6.8-liter V10 offers several advantages; it is significantly quieter and warms up faster during cold weather conditions than diesel engines. The ability to warm up quicker eliminates the need for engine pre-heating (block heater/cold weather package) or fuel additives. Using high idle to warm up and low idle time during operation equals better fuel economy. Extended idling is not required or recommended.

This high tech engine is different than diesel engines, it is spark ignited and features an overhead cam timing drive to actuate the intake and exhaust valves. It is extremely important to keep the vital components of this timing drive system well lubricated and maintained, when used with the school bus duty cycle. Blue Bird only recommends the use of Motorcraft 5W-30 Premium Synthetic Blend motor oil and to follow the oil change interval of every six months or 5,000 miles.

S I 6 Y S

S E R V I C E B U L L E T I N



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If Motorcraft is not available, you **must** use 5W-30 motor oils that meet API SN requirements and displays the API certification mark for gasoline engines. Do not use oil labeled with API SN service category, unless the label also displays the API certification mark.



Oil that displays the symbol above conforms to the current engine, emission system, and fuel economy performance standards of the International Lubricants Specification Advisory Committee (ILSAC).

If you use oil and fluids that do not meet the defined specification and viscosity grade, this may lead to:

- Component damage which is not covered by the vehicle warranty
- Longer engine cranking periods
- Increased emission levels
- Reduced engine performance
- Reduced fuel economy

Do not use supplemental engine oil additives. Engine oil additives are unnecessary and could lead to engine damage that may not be covered by your vehicle warranty.

The new, required oil fill cap labeled 5W-30 is enclosed. This cap should be installed upon receipt.

Parts List		
Part Number	Description	Quantity
10050830	Cap, Oil, Engine, 5W-30	1

Labor time to replace the oil fill cap labeled 5W-30 is 0.1 hour (6 minutes) per bus.