

Subject

V3000XX Compressor Replacement

SYSTEM OR PARTS AFFECTED

- All V3000XX compressor systems
 - P130001 • P130007
 - P130003 • P130008
 - P130004 • P130009
 - P130006 • P130010

BACKGROUND

The UNDERHOOD™ 30 compressor series has been replaced by the UNDERHOOD™ 40 compressor series. Compressor part numbers P130001 through P130010 and all parts for this series of compressors are now obsolete and have been superseded by the compressor part numbers listed below.

The new compressor design is 25% more efficient than the UNDERHOOD™ 30 and as such will produce full system output (30 cfm) at lower engine speeds; this translates to reduced fuel consumption and wear and tear on the engine, while also reducing clutch failures.

All parts purchased from VMAC are warranted against manufacturer defects for one year.

Failure to reduce the engine speed to the values listed below will cause erratic performance (including excessive oil carryover) and could lead to permanent compressor damage.



In order for the replacement compressor to operate correctly, the VMAC throttle control must be adjusted to the values presented in the table below.

Compressor	Replacement for	Maximum RPM
P13R001	V300001	1,700
P13R003	V300003	1,700
P13R004	V300004	2,100
P13R006	V300005	1,800
	V300007	
	V300015	
P13R007	V300006	1,700
	V300009	2,100
	V300014	
P13R008	V300008	2,300
P13R009	V300011	1,700
P13R010	V300012	2,000

See the application list at www.vmacair.com for more information (scan or click on the QR code below).



Compressors damaged by operating at a speed exceeding the VMAC specified engine speed will not be eligible for warranty.

Instructions for adjusting the throttle control can be found in the UNDERHOOD™ Lite owners manual starting on page 34 (scan or click on the QR code below).



Version	Document	Department	Revision Details	Revised by	Tech.	Eng.	Implemented
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