

## **Technical Support**

#### **Subject**

A700066 Front Gear Case Assembly

#### System or Parts affected

• Underhood70 (V90000x) compressors.

#### **Overview**

- If an input shaft seal is leaking or input shaft bearing wear is noted in an Underhood 70 compressor, two options are available to remedy the problem:
  - o Oil leaking past seal only: part number A700161 Seal Retainer Assembly.
  - o Oil leak and bearing or shaft wear: part number A700066 Front Gear Case Assembly.

#### A700066 Front Gear Case Assembly

The A700066 Front Gear Case Assembly (*Figure 1*) is ready to install and comes with a fastener pack including:

- Case screws x7
- O-ring
- Woodruff Key
- Dowel pins x2



The A700066 Gear Case Assembly fits VMAC aluminum case compressors. A700066 will not fit VMAC's older steel case compressors.



No warranty is expressed or implied when an A700066 Front Gear Case Assembly is sold to fit to a used compressor.

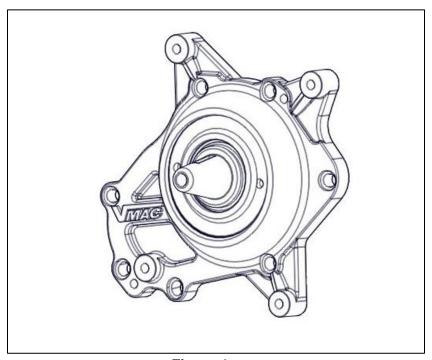


Figure 1

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EXT-VR-066   C   Tech   Afficie update   BDJ   MSP   N/A   16-		C 1	Tech	Article update	BDJ	MSP	N/A	16 Jun 2018

Knowledge Base: www.kb.vmacair.com

Email: tech@vmacair.com Web: www.vmacair.com Technical Support: 1(888)241-2289

Toll Free:1(800)738-8622 Fax: 1(877)740-3202



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#### A700161 Seal Retainer Assembly

NOTE

A700161 is included in the A700066 Front Gear Case Assembly

The A700161 Seal Retainer assembly (Figure 2) includes:

- Seal Retainer
- Shaft Seal
- Retainer O-Ring

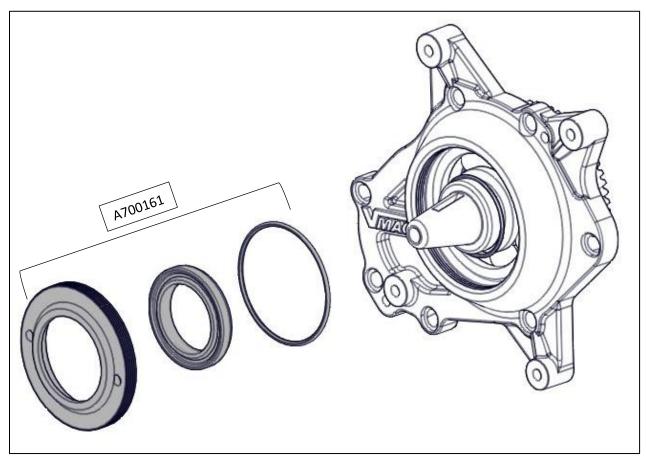


Figure 2

Document Version	Department	Revision Details	Revised by	Tech	Engineering	Implemented
EXT-VR-088 C	Tech	Article update	BDJ	MSP	N/A	16 Jun 2018