



Condition

ATTENTION:
THIS IS A TECH TIP, NOT A TECHNICAL BULLETIN AS TITLED.
TECH TIPS ARE NOT ASSOCIATED WITH WARRANTY CLAIMING.

Applicable Vehicles					
Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
All	2015-2023	All	All	All	All

Revision Table			
Instance Number	Published Date	Version Number	Reason For Update
2055763/2	8/11/2022	87-19-02TT	Update to model and model year applicability.
2055763/1	7/26/2019	87-19-02TT	Original publication.

Technical Background

While verifying a low refrigerant condition the -**V454**- Air Conditioning Compressor sometimes appears to be leaking at the case seals (Figure 1).

The oil found at the bottom of the compressor (Figure 1) can be caused by a leaking low pressure compressor O-ring. (Figure 2-3).

Oil found at bottom of compressor.



Figure 1



Leak found at low pressure compressor connection.



Figure 2

Cause: O-ring torn on low pressure AC hose connection to compressor.



Figure 3

Service

Before the replacement of any compressor for a possible leak the leak must first be verified by injecting dye into the Air Conditioning system after refrigerant recovery to verify the refrigerant level.

Additional Information

© 2022 Volkswagen Group of America, Inc. All rights reserved. Information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Volkswagen Group of America, Inc., its affiliated companies and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites, without the prior expressed written permission of the publisher.