



Technical Tip

Topic	01-19-05TT – Engine Crank, No Start or No -J623- ECM Communication with DTC U0100 Stored in ECM Fault Memory
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Volkswagen
Date	April 29, 2019

Condition

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

Engine Crank, No Start or No -J623- ECM Communication with DTC U0100 Stored in ECM Fault Memory

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Atlas	2018 - 2019	All	All	All	All

Technical Background

DTC	Description
U0100	Lost Communication with ECM/PCM

When disconnecting the Battery during service, the **-J623-** (ECM) may become internally shorted as a result of the Positive Battery Terminal grounding out on the ECM case. DTC U0100 may set, as well as an engine crank with no start condition.



Figure 1



Figure 2



Service

When disconnecting or replacing a Battery, the Repair Manual procedure outlined in Elsa must be followed in its entirety. See Repair Manual Group 27. The Battery Ground Cable must always be disconnected prior to the Battery Positive Cable. Failure to do so may result in internal ECM damage.

Additional Information

Revision History		
Revision Number	Released Date	Reason For Update
2054867/2	4/29/19	Add figures 1 and 2.
2054867/1	4/26/19	Original publication.

© 2019 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.