

# **Technical Bulletin**

ſ						
	Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
	Jetta Hybrid	2013-2014	1.4L (CNLA)	All	All	All

# Condition

**93 13 01** March 5, 2013 **2033196 Required Parts for E-Machine / Traction Motor Replacement or Re-installation** 

# **Technical Background**

Special parts and tools will be needed whenever an electric motor replacement is performed on the Jetta Hybrid. This bulletin lists all parts that will be required when performing the following repairs. Always use the required tools outlined in the repair procedures.

# **Production Solution**

Not Applicable.

### Service

**Note**:

Replacement of the traction motor on the Jetta Hybrid may **only** be performed by high-voltage certified technicians.

Page 1 of 3

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.

# **Technical Bulletin**



# 

#### Danger of damaging the components.

- Always follow the guidelines for clean working conditions when working on the electro-drive drive motor
- Secure the engine to the scissor lift table -VAS 6131- with mount -VAS 6131/13-7- when installing the electrodrive drive motor.
- Counter-hold the E-machine mounting hub with the counter-holder -T10516- and a suitable lever when tightening the central bolt.
- Remove and attach the electro-drive drive motor to the engine only with the guide pins -T10515- installed.
- The central bolt has a <u>left-hand thread</u>.
- The correct tools must be used to tighten the central bolt due to the high torque needed.

Please **<u>carefully</u>** follow repair procedures published in repair manual group 10 engine assembly for:

- 1. Engine Removal
- 2. Engine and Transmission Separating
- 3. Electro-Drive Drive Motor Separating from Engine
- 4. Attaching New Electro-Drive Drive Motor (or Re-Installing to Engine)
- 5. Engine and Transmission Attaching
- 6. Engine Installing

### Warranty

Information only.

© 2013 Volkswagen Group of America, Inc.

Page 2 of 3

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.



# **Required Parts and Tools**

Part Number	Part Description	Quantity Required	
5C0 901 152 B	Traction Motor (If Replacing)	1	
5C0 198 352	Adjustment Washer Set (If Replacing)	1	
03H 105 313	Needle Bearing	1	
03M 115 112	Sealing Bushing for K0 Clutch	1	
03M 121 215	Sealing Bushing for Coolant Lines to E-Machine	2	
N 911 457 01	Center Bolt M16x1.5LHx85mm	1	
WHT 005 467	Hub Bolt M10x1.00x18.5mm	6	

# **Additional Information**

All part and service references provided in this Technical Bulletin are subject to change and/or removal. Always check with your Parts Dept. and Repair Manuals for the latest information.

© 2013 Volkswagen Group of America, Inc.

Page 3 of 3

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, lnc., 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.