

## Campaign Work Procedure

## 40J2 Safety Recall

If there are questions regarding the work procedure, contact the Campaign Helpline at 1-800-741-2919.

### Parts:

#### Driveshaft Screw & Plate Replacement

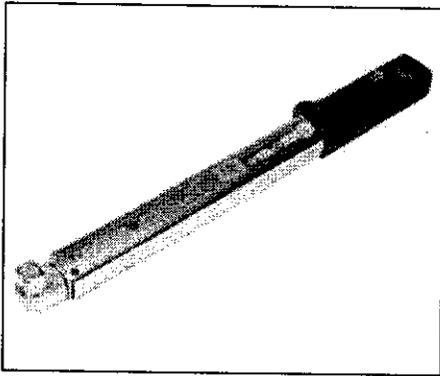
	<u>Qty</u>	<u>Part Number</u>	<u>Description</u>
One side replaced	6	N 909 91102	Driveshaft screw
	3	1K0 407 357D	Plate
Both sides replaced	12	N 909 91102	Driveshaft screw
	6	1K0 407 357D	Plate

#### Driveshaft Replacement

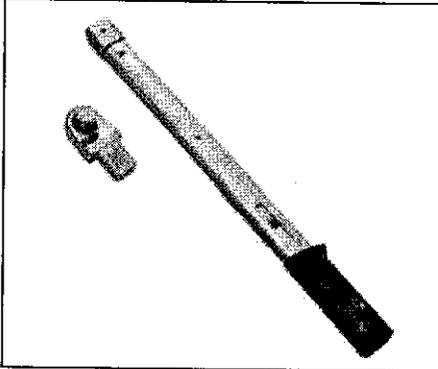
	<u>Qty</u>	<u>Part Number</u>	<u>Description</u>
One side replaced	1	1K0 407 451TX (OR ONLY IF TX is not available 1K0 407 271EE)	Driveshaft (left side)
		OR	
	1	1K0 407 454NX (OR ONLY IF NX is not available 1K0 407 272KJ)	Driveshaft (right side)
		AND	
	1	WHT 000 795	Wheel hub bolt
	3	N 103 32002	Ball joint nut
	6	N 909 91102	Driveshaft screw
	3	1K0 407 357D	Plate
		OR	
Both sides replaced	1	1K0 407 451TX (OR ONLY IF TX is not available 1K0 407 271EE)	Driveshaft (left side)
		OR	
	1	1K0 407 454NX (OR ONLY IF NX is not available 1K0 407 272KJ)	Driveshaft (right side)
		AND	
	2	WHT 000 795	Wheel hub bolt
	6	N 103 32002	Ball joint nut
	12	N 909 91102	Driveshaft screw
	6	1K0 407 357D	Plate

### Required Tools:

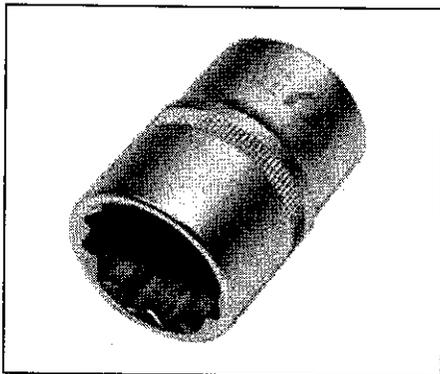
The information in this document is intended for use only by skilled technicians who have the proper tools, equipment and training to correctly and safely maintain your vehicle. These procedures are not intended to be attempted by "do-it-yourselfers," and you should not assume this document applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Volkswagen dealer. ©2009 Volkswagen Group of America, Inc. and Volkswagen Canada Inc. All Rights Reserved.



- V.A.G -1331 – Torque Wrench 5-50 Nm (or equivalent)

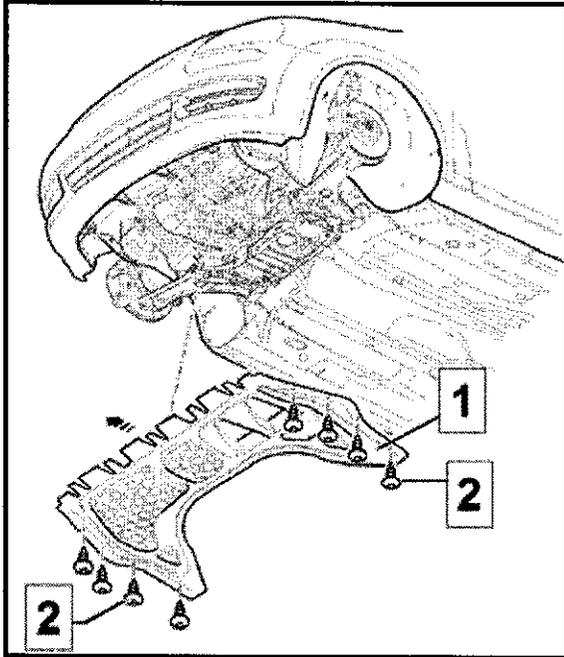


- V.A.G -1332 – Torque wrench 40-200 Nm (or equivalent)



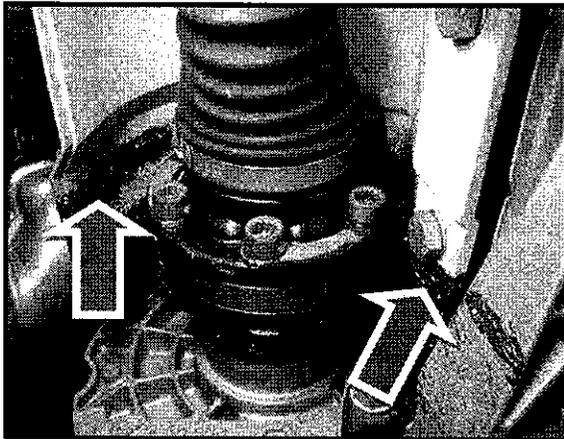
- T10361 – Socket 24mm (or equivalent)

## Work Procedure



## Section A – Inspect Driveshafts

- Raise vehicle on hoist
- ⇐ Remove noise insulation cover -1- by removing screws -2- and sliding cover toward the rear

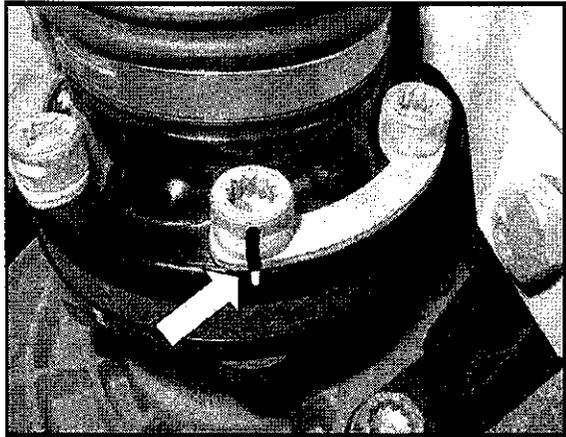


- ⇐ Check both inner driveshafts for grease contamination -arrows-
- If grease contamination is present on either driveshaft, that driveshaft must be replaced; go to Section C for driveshaft replacement
- If grease contamination is not present; continue with work procedure

## Section B – Check Driveshaft Bolt Torque on Both Driveshafts



Tip: Perform procedure on both driveshafts



← Mark all six screws in their current position -arrow- on each axle shaft

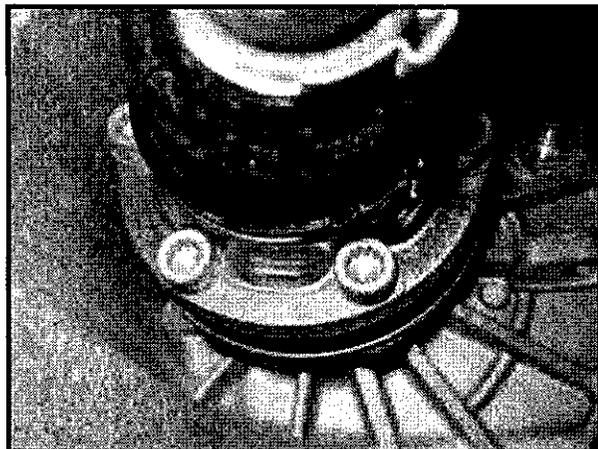
- Torque all six screws in a crosswise pattern to 50 Nm (37 lb-ft)
  - **IF** none of the six screws turn, torque all six screws on each respective driveshaft in a crosswise pattern to 70 Nm (52 lb-ft)
  - Reinstall noise insulation cover
  - Lower vehicle hoist

WORK IS COMPLETE

- **IF** any of the six screws turn, replace all six screws, part number N 909 91102, and all three bedplates, part number 1K0 407 357D, on each respective driveshaft
- Pre-tighten bolts, one at a time, in a crosswise pattern to 10 Nm (7 lb-ft), then torque bolts, one at a time, in a crosswise pattern to 70 Nm (52 lb-ft)
- Reinstall noise insulation cover
- Lower vehicle on hoist

WORK IS COMPLETE

## Section C – Replace Driveshaft



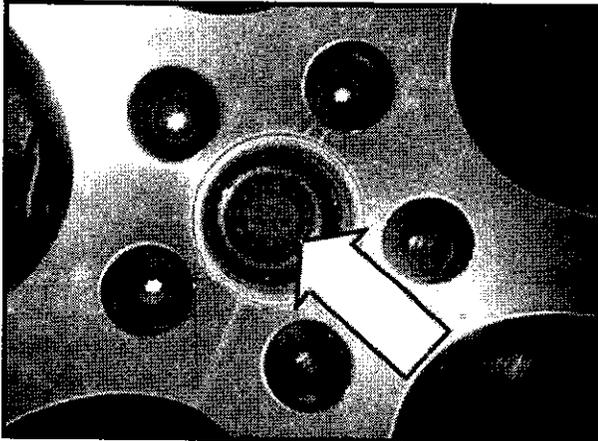
Tip: Replace driveshaft on one or both sides, as necessary



Note: Grease contamination must be cleaned prior to installing new drive shaft

- Remove driveshaft(s) from flange on transmission

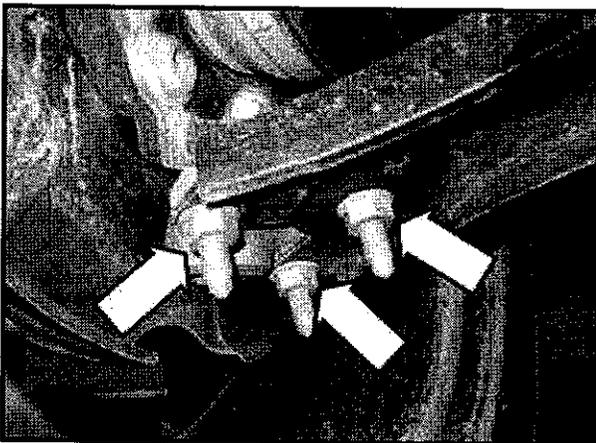
- ⇐ Lower vehicle on hoist and loosen driveshaft to wheel hub bolts(s) -arrow- using T10361 (or equivalent) a maximum of 90°



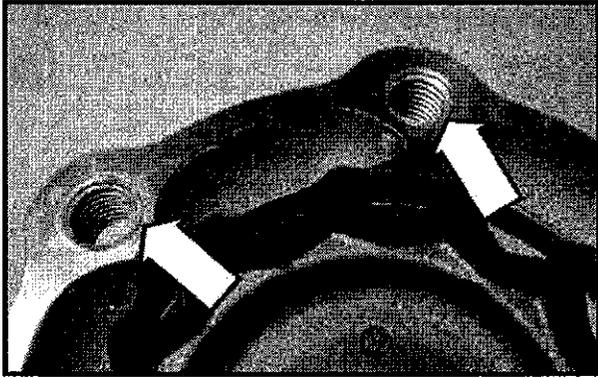
**Note:** DO NOT REMOVE driveshaft to wheel hub bolt with wheel bearings loaded by the vehicle's own weight. Damage to wheel bearings will occur under this condition and are not covered under this action

**Note:** Vehicles without a driveshaft must not be moved; otherwise, the wheel bearing will be damaged  
If the vehicle must be moved, always first install an outer CV joint in place of the driveshaft and torque to 120 Nm (89 ft-lbs)

- Raise vehicle on hoist until wheels hang freely
- ⇐ With the aid of a second technician, press brake pedal and remove driveshaft to wheel hub bolt -arrow- using T10361 (or equivalent)

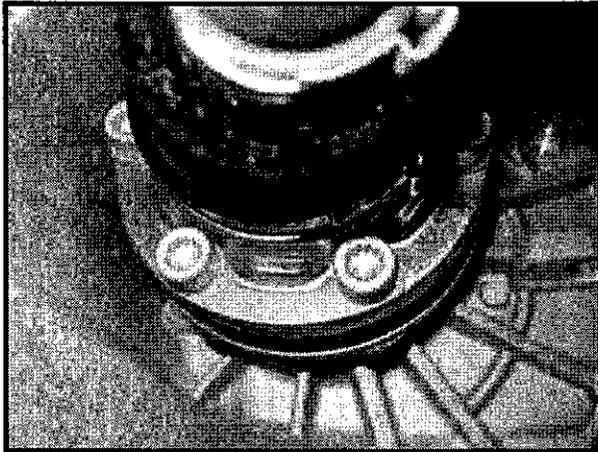


- Raise vehicle on hoist
- ⇐ Remove ball joint nuts -arrows-
- Remove lower control arm from ball joint studs
- Pull outer Constant Velocity (CV) joint out of the wheel hub
- Remove driveshaft(s) from vehicle



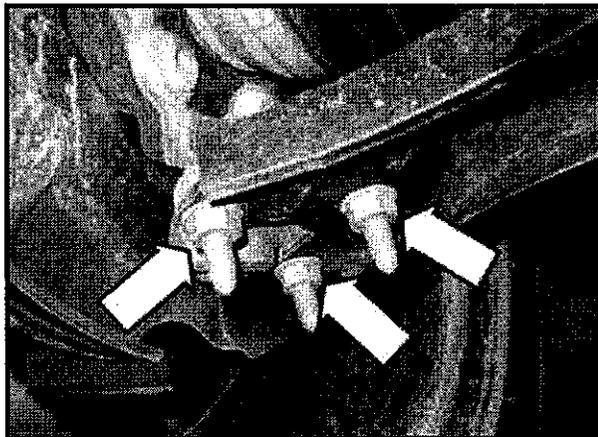
⇐ Examine the tapped holes -arrows- in the gearbox flange for damage

- If damages to gearbox flange are found and cannot be repaired, contact **Campaign Helpline at 1-800-741-2919**
- If no damage to gearbox flange is found, continue with work procedure

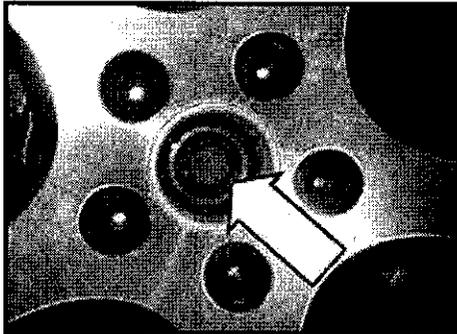
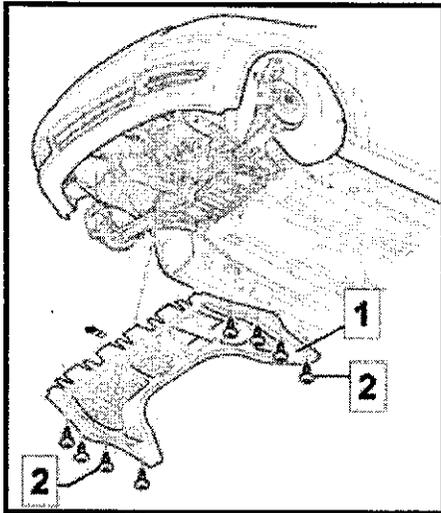


 **Tip:** Remove any paint residue and /or corrosion in threads/splines of outer CV joint and wheel hub

- Install new driveshaft(s) (*reference Parts chart on P.6*) and insert outer CV joint/splines into hub as far as possible
- Install all six new screws, part number, N 909 91102, and all three new bedplates, part number, 1K0 407 357D, on each respective driveshaft
- Pre-tighten bolts, one at a time, in a crosswise pattern to 10 Nm (7 ft-lbs), then torque bolts, one at a time, in a crosswise pattern to 70 Nm (52 ft-lbs)



- Reinstall the lower control arm(s) onto the ball joint studs
- ⇐ Install new ball joint nuts, part number, N 103 32002, -arrows- and torque to 60 Nm (44 ft-lbs)



← Reinstall noise insulation cover -1- and screws -2-



Tip: Reinstall wheel(s), if removed

- Lower vehicle on hoist but do not let wheels touch the ground
- With the aid of a second technician, press the brake pedal

← Tighten driveshaft to wheel hub bolt(s), part number WHT 002 795, -arrow- to 70 Nm (52 ft-lbs) using T10361 (or equivalent) and torque wrench V.A.G 1332 (or equivalent)

- Lower vehicle onto its wheels
- Turn bolt(s) an additional 90°

#### Section D – Parts Return ONLY FOR REPLACED Driveshafts

Attach a copy of the repair order to removed driveshafts **which must include removed screws and bedplate**, and ship according to the applicable Volkswagen instructions below.

**USA Dealers:** Prior to shipping the part(s) from your dealership, the form on P. 13 **must** be filled out completely to provide the necessary information for receipt of the part(s) at the Warranty Parts Return Center.

#### **IMPORTANT!**

**When returning parts under this action, do not include any other items you need to send to the Warranty Parts Return Center with your shipment. Unrelated items shipped with returned driveshafts will not be acknowledged or returned.**

#### **USA Dealers ship to:**

*VW Warranty Parts Return Center.  
3800 Hamlin Road  
Auburn Hills, MI 48326*

#### **CANADA Dealers:**

*Follow the normal parts return process.  
Please include the campaign identification:  
40J2/S4 Parts Return*

- **ALL WORK IS COMPLETE**



VWoA Product Compliance

Phone: (800) 741-2919

Fax: (248) 754-5093

## 40J2/S4 Safety Recall (USA) Dealer Parts Return Form

Driveshafts replaced as part of the 40J2/S4 safety recall are requested to be returned to the Volkswagen Group of America Product Compliance department. Parts should be returned upon submission of the campaign claim in SAGA. No SAGA barcode will be generated for this part return request.

Prior to shipping the part(s) from your dealership, this form **must** be filled out in its entirety to provide the necessary information for receipt of the part(s) at the Warranty Parts Return Center.

- Please attach a **copy** of this form and other relevant documents such as repair order, diagnostic logs with the part(s) being shipped.
- Part(s) should be returned to the Warranty Parts Return Center through the free shipping program. The free shipping program guidelines should be followed for return of requested campaign parts.
- Only the part(s) for one claim should be returned in a package.
- When returning parts under this action, do not include any other items you need to send to the Warranty Parts Return Center with your shipment. Unrelated items shipped with returned driveshafts will not be acknowledged or returned.
- Reference the claim number and campaign code on the free shipping label.
- Part(s) should be shipped to the following address:  
**VW Warranty Parts Return Center**  
**3800 Hamlin Road**  
**Auburn Hills, MI 48326**

<b>Dealer Number:</b>	<b>Repair Order Number:</b>
<b>VIN:</b>	<b>Vehicle Repair Date:</b>
<b>Part Number(s):</b>	<b>Part Description(s):</b>
<b>Tracking Number:</b>	<b>Does this part have a core value?</b> Yes / No