

VW up!/Skoda Citigo/Seat Mii Rear Disc Brake Conversion Kit

Kit Contents

Qty - 2:	Brake Discs
Qty - 4:	Brake Pads
Qty - 2:	Brake Calipers
Qty - 2:	Brake Caliper Carriers
Qty - 2:	Brake Disc Dust Shields
Qty - 2:	Stub Axle Adaptor Plates
Qty - 2:	Handbrake Cables
Qty - 2:	Braided Brake Hoses
Qty - 8:	M8x40mm Hex Socket Stub Axle Bolts
Qty - 4:	M8x30mm Hex Socket Caliper Carrier Bolts
Qty - 4:	M6x22mm Hex Head Caliper Bolts

Tools Required

Torque Wrench + suitable sockets and spanners

Pliers

Brake Pipe and Pipe Making Equipment + Brake Pipe Flexi Clamps

Torx T20 Driver

Instructions

1. Jack up the rear of vehicle, and properly secure on axle stands. Remove the rear road wheels.



2. Remove the screw securing the rear brake drum, and the brake drum itself.



3. Remove the centre hub nut and slide off the hub bearing assembly.



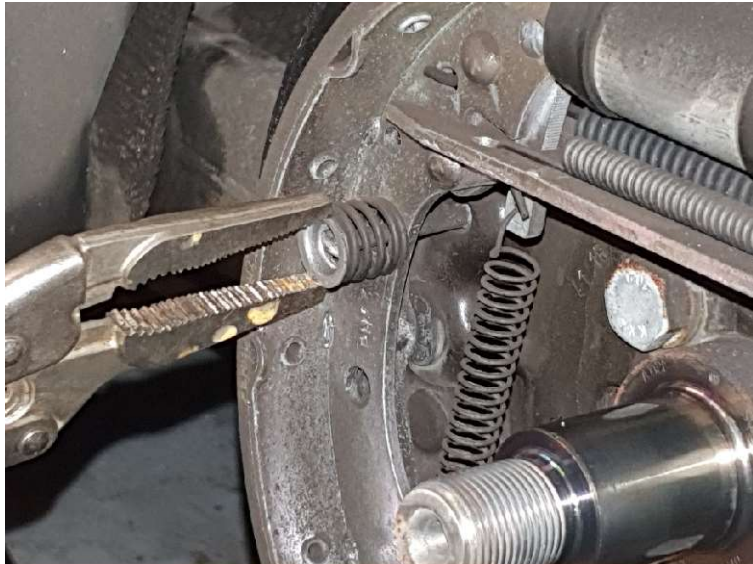
4. At the rear of the drum assembly, remove the ABS sensor retaining bolt, and the sensor itself.



5. Disconnect the drum brake fluid pipe.



6. Push in and quarter-turn the brake shoe retaining clips/springs and remove.



7. Remove the brake shoe assembly and disconnect the handbrake cable.



8. Remove the four stub axle bolts and lift away the drum backing plate and stub axle, revealing the 'pig face'. Clean any rust or rough surface off the pig nose, ears, and chin to provide a good surface for the stub axle adaptor plates.



9. Clamp off the body to axle brake flexis and remove the hard brake line connections from the flexis.



10. Fit the stub axle adaptor, stub axle, and brake dust shield, securing with four M8x40 Hex Socket Bolts (Torque Setting 60Nm).



11. Refit the hub bearing assembly and secure using the M20 Stub Bearing Nut (Torque Setting 70Nm plus 30 degrees). Refit the ABS sensor (Torque Setting 8Nm).



12. Fit the brake disc, and secure with the provided new retaining screw packaged with the new Brake Discs (Torque Setting 4Nm).



13. From the rear of the hub, fit the caliper carrier using two M8x30 Hex Socket Bolts (Torque Setting 80Nm).



14. Fit the brake pads into the caliper, using copper grease in the appropriate areas, and install the caliper onto the carrier using two M6x22mm Hex Bolts (Torque Setting 35Nm).



15. Secure the banjo end of the new braided caliper brake hose to the caliper (Torque Setting 30Nm).



16. You will need to make up new brake lines from the 'body to axle' flexi mounts to the new caliper flexi hoses. Use the existing drum brake lines as templates but terminate each pipe in a flare fitting just after the kick-up either side after the plastic retaining bracket.



17. Repeat steps 1 to 16 for the opposite side of the vehicle, then bleed the brake system in accordance with the manufacturers' guidelines.

18. Inside the vehicle, remove the handbrake surround by uncovering and unscrewing the Torx retaining screw in the base of the cupholder, then sliding the surround forward before lifting away.



19. Slacken the adjuster nut until the ends of the handbrake cables can be unhooked from the tensioning bracket.



20. Unclip the handbrake cable retainer on the underside of the beam axle and unhook from the retaining hooks. Pull the handbrake cable out of the vehicle and discard.



21. Clip the new handbrake cable into the caliper bracket and locate the ball end into the handbrake mechanism lever.



22. Thread the end of the handbrake cable into the guide tube until fully seated. Clip the cable back into the retaining hooks and re-install the retaining clip. It is not essential that the metal ring on the new handbrake cable aligns with the retaining clip.



23. Inside the vehicle, locate the end of the handbrake cable into the tensioning bracket. Repeat steps 20 to 22 for the opposite side of the vehicle, then adjust the handbrake for correct operation as per the manufacturers' guidelines. Once completed, reinstall the handbrake cover.

****Any modification of the braking system should only be attempted by competent and trained individuals. If in any doubt seek professional installation. up!grade haus cannot be held liable for any damage or injury caused by incorrect installation****