

LASER[®]

Part No. 9532

Rear Brake Shoes Setting Tool Set

Volkswagen & Ford EV

Instructions



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Introduction

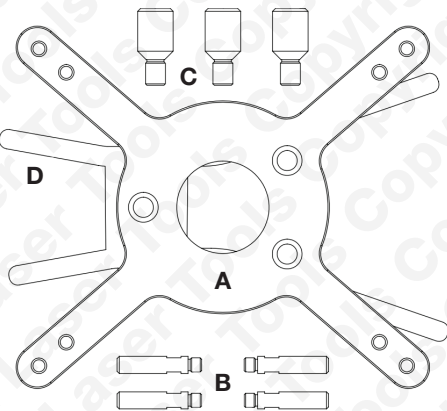
Laser Tools have introduced this brake shoe setting kit for Volkswagen and Ford electric vehicles that use rear drum brakes. Drum brakes are better suited to the unique characteristics of electric vehicles. The main reasons for this return to drum brake technology include: Minimal use: EVs rely primarily on regenerative braking, reducing the use of the conventional braking system. Reduced corrosion: Disc brakes can corrode heavily when used infrequently, whereas drum brakes offer better protection against corrosion. Lower rolling resistance and cost: Drum brakes are designed so that the brake shoes do not drag on the drum when not applied.

- Applications include: Audi Q4 e-tron (Sportback & SUV); Cupra Born & Tavascan; Ford Explorer EV & Capri EV; Skoda ELROQ & ENYAQ (Coupe & IV SUV); VW ID 3, 4, 5 & 7, ID Buzz Cargo & Bus).
- Designed to ensure the brake shoes are in the correct position to ensure the EPB is correctly set prior to fitting the drum.
- Supplied with shoe adjustment pliers to allow the shoe position to be set with ease.
- Equivalent to OEM: T10623 & T10635/1/2/3.

NOTE: Use in accordance with OEM instructions.

- Manufactured in Sheffield, UK Registered Design, UK Patent Pending. For drum brake wear measurement see Laser Part No. 5502.

Components



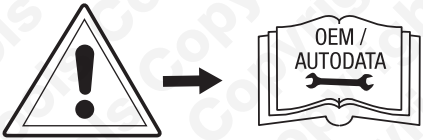
Ref.	Description	OEM No.
A	Brake Shoe Setting Plate	Equivalent to T10635/1/2/3
B	Positioning Rods x4	
C	Plate Mounting Screws x4	T10623
D	Brake Shoe Setting Pliers	

Applications

Make, Model, Year

Audi	Q4 e-tron Sportback (F4N)	From 2021
	Q4 e-tron SUV (F4B)	From 2021
Cupra	BORN (K1, K1G)	From 2021
	TAVASCAN (K1)	From 2024
Ford	CAPRI (CX740)	From 2024
	EXPLORER (CX740)	From 2024
Skoda	ELROQ (PY)	From 2024
	ENYAQ Coupe (5AC)	From 2021
	ENYAQ IV SUV (5AZ)	From 2020
Volkswagen	ID.3 (E11, E12, E13)	From 2019
	ID.4 (E21)	From 2021
	ID.5 (E39)	From 2021
	ID.7 (ED2)	From 2023
	ID.7 Tourer (ED5)	From 2024
	ID. Buzz Cargo (EBA)	From 2022
	ID. Buzz Bus (EBB, EBJ)	From 2022

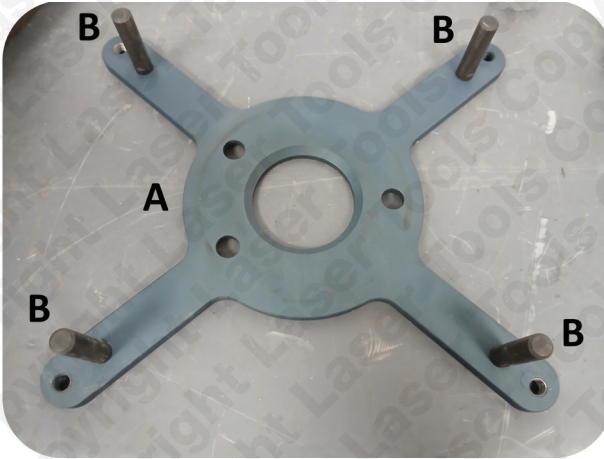
The following instructions are for guidance only. Please refer to OEM derived data such as the vehicles manufacturers own data or Autodata.



Instructions

- 1) To begin, ensure the brake shoes are installed in accordance with the OEM instructions.
- 2) Have the setting plate (Item A) and 4 pins (Item B) ready, then assemble the setting tool as shown in Figure 1.

FIG: 1



- 3) Ensure the pins are fitted into the holes corresponding to the size of the brake drum. Tighten the 4 pins securely with a 10mm spanner, as shown in Figure 2. Once fastened make sure all pins are perpendicular to the baseplate.

FIG: 2



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- 4) Offer the tool up to the hub, aligning it with the centring boss on the flange as shown in Figure 3.

FIG: 3



Look at the position of the new brake shoes, if the tool does not fit over the shoes; Check the automatic adjuster, it may need to be wound inwards to compensate for the increased thickness of the new brake material, using a small screwdriver turn the adjuster toothed wheel in an anticlockwise direction to shorten the adjuster (Seen in Figure 7).

- 5) Once the tool is correctly centred, fasten it to the hub using the 3 mounting bolts (Item C), as shown in Figure 4.

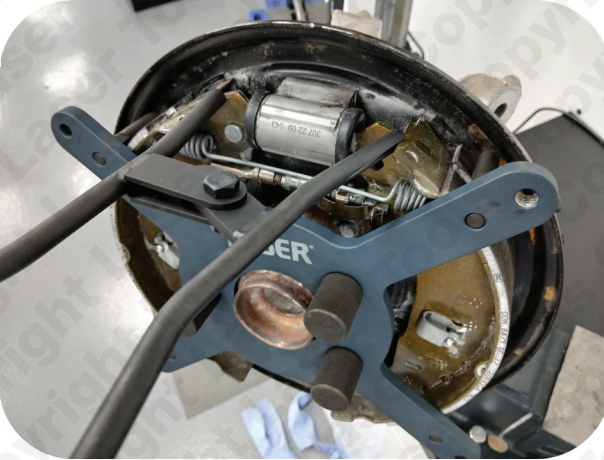
FIG: 4



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6) Now position the setting pliers (Item D) onto both brake shoes, as shown in Figure 5.

FIG: 5



Note: Ensure the pliers are adjusted to suit the size of the shoes/drum by removing the bolt and fitting it into the corresponding hole, as shown in Figure 6.

FIG: 6

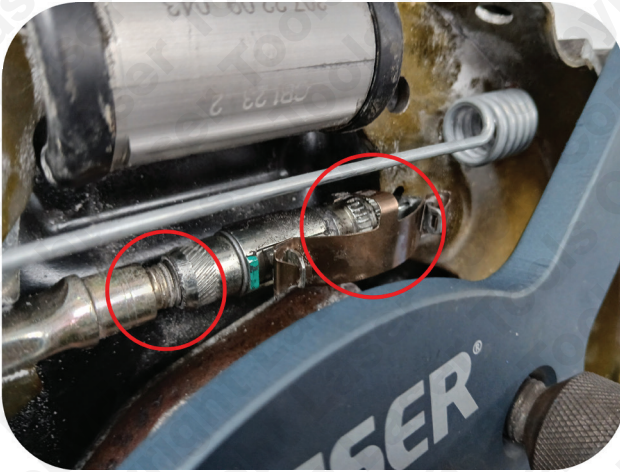


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- 7) Compress the pliers to expand the brake shoes.

This action operates the automatic adjuster and increases the resting spread of the brake shoes, as shown in Figure 7.

FIG: 7



It will be necessary to squeeze the pliers repeatedly until the automatic adjuster stops advancing. Once the adjuster stops rotating, the brake shoes are correctly adjusted.

- 8) Now remove the setting tool and mount the brake drum in accordance with the OEM instructions.



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