



INSTRUCTIONS FOR: STEERING TURN TABLES AND RAMPS Model No: **GA44**

Thank you for purchasing a Sealey product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE OR PERSONAL INJURY, AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

1.1 GENERAL SAFETY

- ❑ **WARNING!** Ensure Health & Safety, local authority, and general workshop practice regulations are adhered to when using this equipment.
- ✓ Maintain the turn tables in good condition (use an authorised service agent).
- ✓ Replace or repair damaged parts. Use genuine parts only. Non-authorized parts may be dangerous and will invalidate the warranty.
- ✓ Locate turn tables in a suitable working area, keep area clean and tidy and free from unrelated materials.
- ❑ **WARNING!** Use turn tables on level and solid ground.
- ✓ Keep the turn tables clean to ensure accurate performance.
- x **DO NOT** use outside in damp or wet weather conditions.
- x **DO NOT** allow untrained persons to operate the turn tables.
- x **DO NOT** leave a vehicle unattended on the the turn tables.
- ❑ **WARNING!** When setting front end alignment on commercial vehicles never make adjustments to drop arms or interconnecting links. Doing so could result in serious tyre, wheel and steering problems.
- ✓ Any alignment changes deemed necessary as a result of using this equipment must be made strictly in accordance with the vehicle manufacturer's recommendations.



2. INTRODUCTION & SPECIFICATION

The GA44 steering turntables are supplied as a pair and enable the accurate measurement of **toe out** on turns, **wheel lock angle** and **full lock**. Because measurements are taken with the vehicle stationary the turntables are provided with a low profile two way sliding action to accommodate the complex turning movement of the vehicles steering geometry. Locking pins are provided to lock the sliding action whilst the vehicle is positioned onto the turntables.

The GA44 is also a valuable accessory to be used in conjunction with the GA42 gauge set for accurate measurement of castor and king pin alignment. The GA44 is provided with two pairs of ramps to assist the vehicle onto the turntables and to keep the vehicle level. The turntables will measure up to 60° rotation in either direction. The maximum loading for a pair of turntables is 1525kg (30cwt).

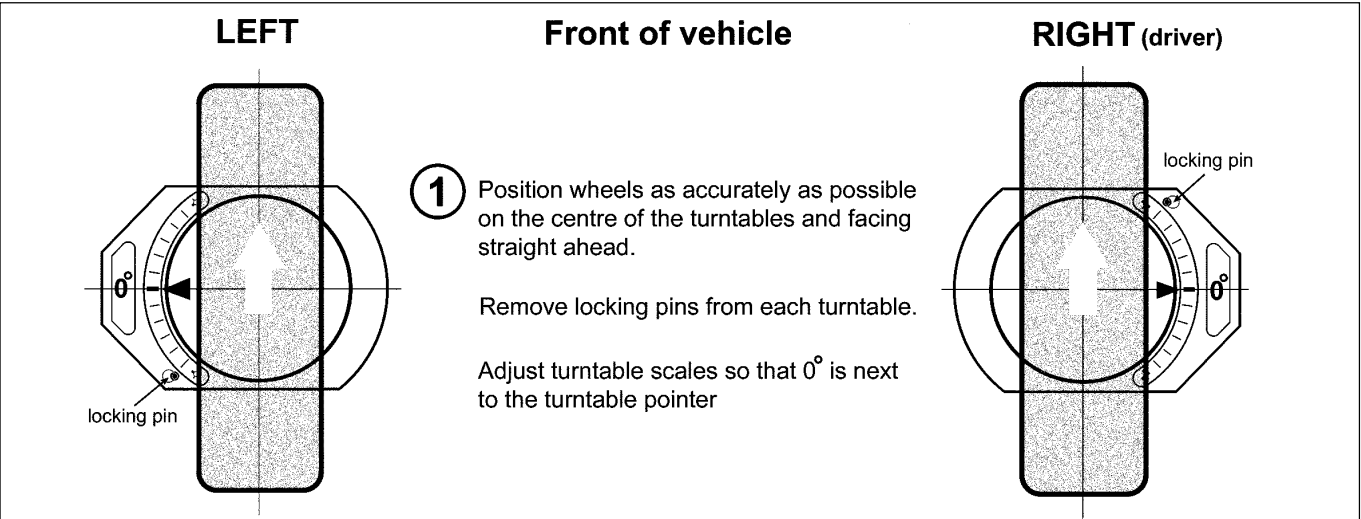
3. CONTENT

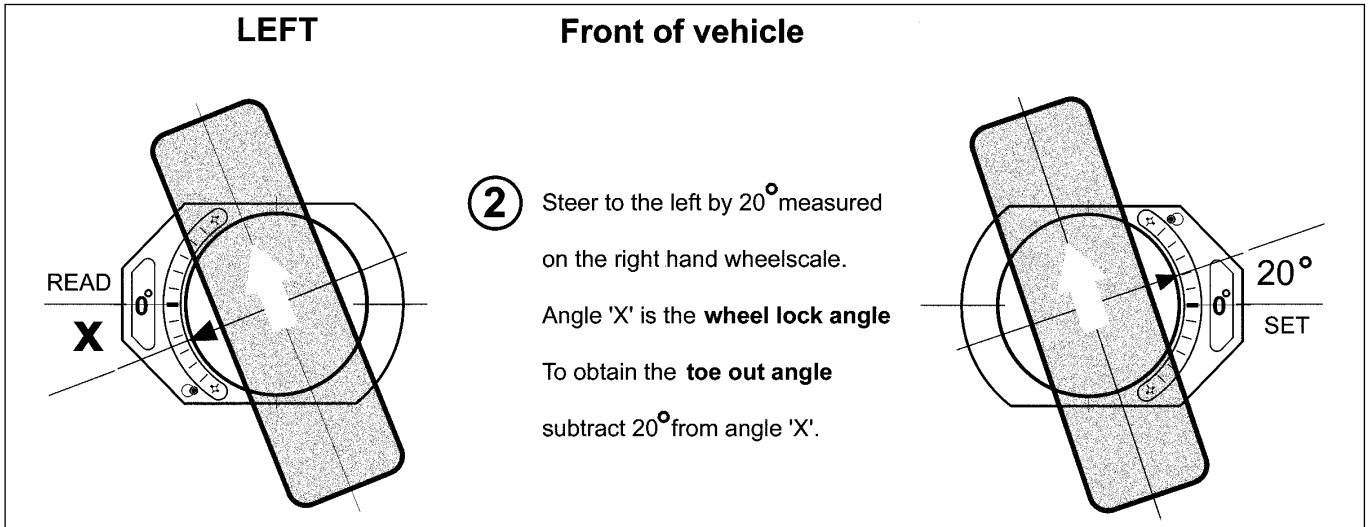
Carefully unpack the contents of the box. If anything is missing or damaged contact your Sealey dealer immediately.

Contents : Two turntables with locking pins. Two short wooden ramps (rubber backed). Two long wooden ramps (rubber backed)

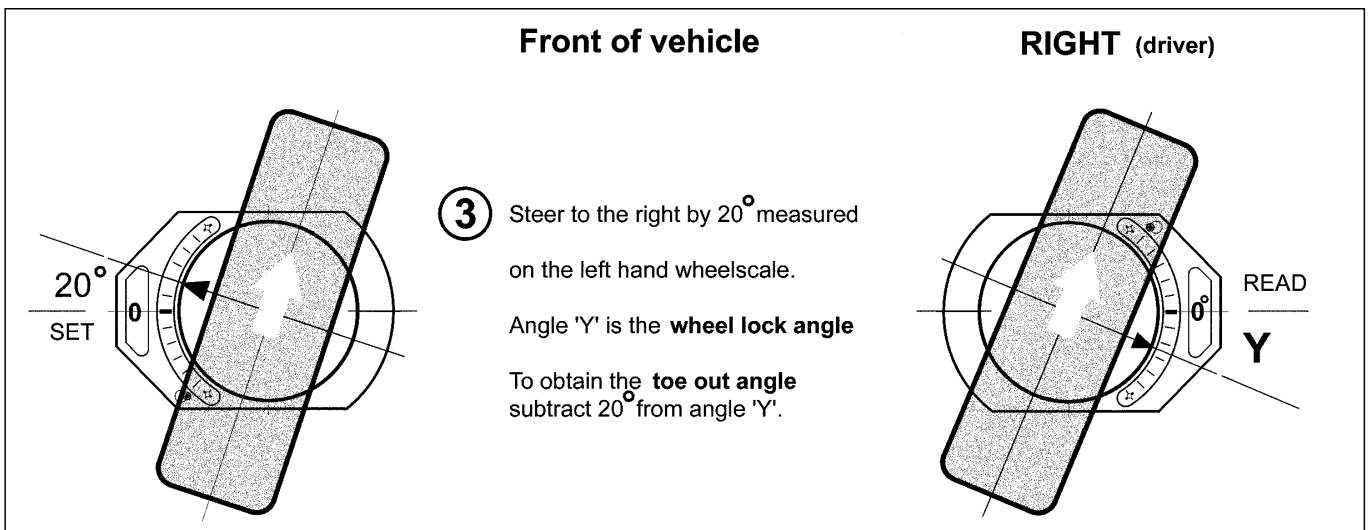
4. PREPARATION AND USE

- 4.1 Before use, lock the sliding action of each turntable by inserting the locking pin. Centralise each scale in relation to its fixing points and set each turntable pointer to zero.
- 4.2 Place the shorter 'run on' ramps directly in front of the front wheels. Place a turntable in front of each ramp with the turntable itself centred on the tyre. Place the long ramps in front of each rear wheel so that the rear of the car rises to the same height as the front. With the locking pins still in position, drive the vehicle onto the turntables until the centres of the wheels are positioned over the centres of the respective turntables.





4.3 Measure the **WHEEL LOCK ANGLE** and the **TOE OUT ANGLE** for both left and right steering as described above and below. **COMPARE YOUR READINGS WITH THE VEHICLE MANUFACTURERS RECOMMENDATIONS.**



- 4.4 To measure **FULL LOCK** set the equipment up as described above in sections 4.1 and 4.2 and as shown in diagram 1.
- 4.5 Remove the turntable locking pins and adjust the turntable scales so that zero is next to the turntable pointer.
- 4.6 Steer the wheels to **FULL LEFT LOCK** and take a reading from the right hand wheel.
- 4.7 Steer the wheels to **FULL RIGHT LOCK** and take a reading from the left hand wheel.
- 4.8 **COMPARE READINGS AND CHECK WITH THE VEHICLE MANUFACTURERS RECOMMENDATIONS.**

5. MAINTENANCE

- 5.1 The GA44 is lubricated for life and should be maintenance free if correctly used.
- 5.2 Do not exceed the recommended loading for a pair of turntables of 1525kg (30cwt).
- 5.3 Do not use outdoors in wet conditions.
- 5.4 In the event of any problems do not dismantle the turntable. Return it to your local Sealey dealer.

NOTE: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.
IMPORTANT: No liability is accepted for incorrect use of this product. **WARRANTY:** Guarantee is 12 months from purchase date, proof of which will be required for any claim. **INFORMATION:** Call us for a copy of our latest catalogue on 01284 757525 and leave your full name and address including your postcode.

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