

SPECIFICATIONS

Part no.	BS5421	BS5422	BS5423
Square drive	1/4"	3/8"	1/2"
Torque range	10-50Nm	20-100Nm	40-200Nm
Length (approx.)	390mm		490mm
Unit selection	kg-cm; kg-m; in-lb; ft-lb; Nm		
Accuracy(clockwise only) ISO0789-1992-12-01	±4.0%		
Battery Type	CR2032		
Battery Voltage	3V		
Approx. life continuous	55hrs		
Auto shut off (non-operation)	60 seconds		



DIGITAL READING TORQUE WRENCH



APO TOOL INTERNATIONAL LTD.
No.38 Ping An St, Changhua, Taiwan 50055
T: +886 4 7514888 / F: +886 4 7524888
Website : www.bikeservice.com.tw
E-mail : service@bikeservice.com.tw

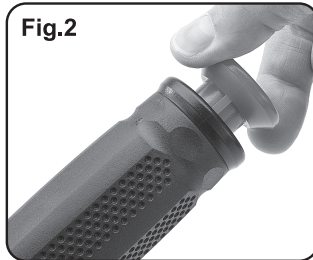
Represent.

BS5421 1/4". SQ. DR. 72 teeth, 10~50Nm
BS5422 3/8". SQ. DR. 72 teeth, 20~100Nm
BS5423 1/2". SQ. DR. 72 teeth, 40~200Nm

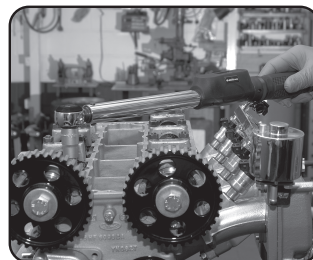
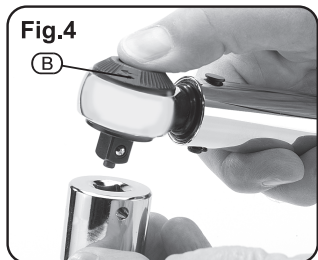
OPERATION

CAUTION: This torque wrench is designed for use with clockwise (right hand) threads ONLY. DO NOT use on anti-clockwise (left hand) threads as this will cause irreparable damage to the torque wrench.

NOTE: If the torque dial is adjust below the rated range the display will show the minus “-“ sign. DO NOT use above or below the rated range.



1. Press the power/function button to activate the display. **(Fig.1)**
2. Press the power/function button again until the desired unit of measure is selected.
3. Unlock the torque dial by releasing the adjustment lock at the end of the handle. Rotate the handle clockwise or anticlockwise to set the desired torque. Push the adjustment lock back to lock in the desired torque setting. **(Fig. 2,3)**



4. Push the quick release button (B) to attach or detach a socket. Do not use extensions or drive adaptors as these will affect the torque applied. **(Fig. 4)**
5. Using the ratchet ring ensure the ratchet is set in the CLOCKWISE direction only. **(Fig. 5)**
6. Once in use, as the applied torque is reached, this will be indicated by an audible click and the handle will be felt to break away.

INTRODUCTION



- The Bikeservice instruction manual has been produced to ensure correct use and function of the Bikeservice torque wrench range.
- The information contained within the manual has been produced by Bikeservice to ensure safe and correct operation of the wrench and a long service life of the product.
- Each Bikeservice torque wrench is supplied with its own Calibration Certificate in accordance with ISO and Din Standards.
- Note : Due to continuous product improvements Bikeservice reserves the right to modify or alter the product without notification.

MAINTENANCE AND STORAGE

Battery Replacement

1. Use a 1.3mm hex key for opening the battery cover
2. Remove the discharged battery and replace it with a new 3V CR2032 battery
3. Refit the battery cover and secure with hex screw



Calibration

NOTE: When the torque wrench is not in use, ensure adjustment is at the lowest torque setting. Failure to do so will damage the calibration of this tool.

If the torque wrench has not been used i.e. new or has been in storage for some time, operate it several times at a low torque setting. This will allow the internal lubrication to recoat working parts.

It is recommended that a re-calibration schedule be put in place by the user to ensure the accurate operation within designed criteria.

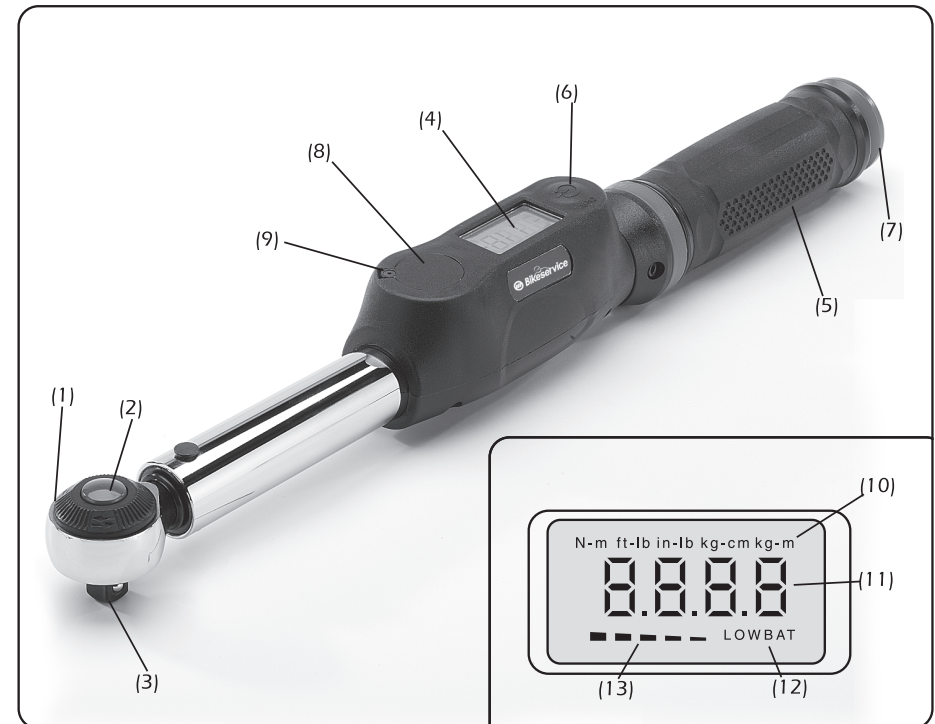
Disposal

Should this product require disposal, ensure this is done in line with national regulations. Contact your local authority for details of collection schemes in your area.

In all circumstances DO NOT:

- Dispose of power tools with domestic waste
- Incinerate
- Abandon in the environment
- Dispose of Waste Electrical & Electronic Equipment (WEEE)

TORQUE WRENCH FEATURES



- | | |
|-----------------------------|--------------------------|
| 1. Ratchet direction ring | 8. Battery cover |
| 2. Quick release button | 9. Cover screw |
| 3. Ratchet square drive | 10. Unit selection |
| 4. LCD | 11. Display range |
| 5. Anti-slip handle | 12. Low charge indicator |
| 6. Power on/function button | 13. Battery meter |
| 7. Adjustment Lock | |