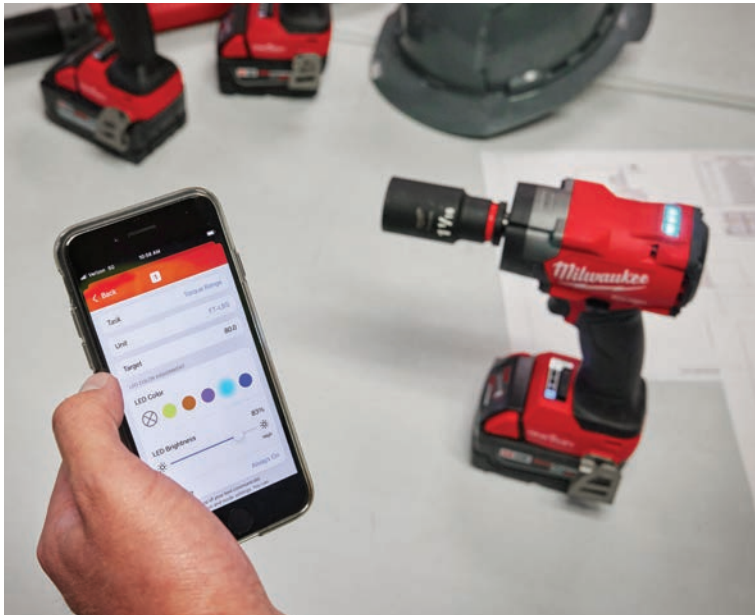# Milwaukee®

ONE-KEY™

CUSTOMIZE. TRACK. MANAGE.™

M18 FUEL™ CONTROLLED TORQUE IMPACT WRENCHES w/ TORQUE-SENSE™

3060-20, 3061-20, 3061P-20,
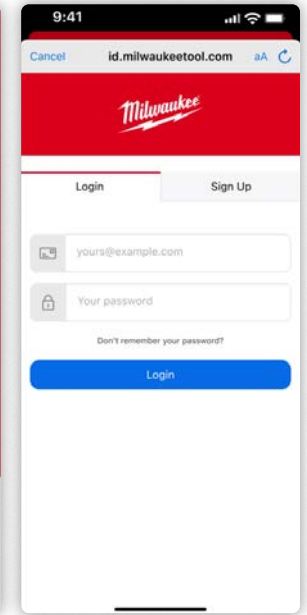3062-20, 3062P-20

QUICK START GUIDE

Download on the App Store

GET IT ON Google Play

1 MOBILE APPLICATION

- Download the MILWAUKEE® ONE-KEY™ app from the Apple Store app or from Google Play

- Open MILWAUKEE® ONE-KEY™ app

SIGN IN

- Create a MILWAUKEE® ONE-KEY™ user account OR login to an existing account that you have created

2 PAIR APP w/ TOOL

- Click the button in the top left (green circle) to search for nearby tools

- Ensure your tool has a charged M18™ Battery Pack connected to it

- If you are not seeing your tool, make sure to check that Bluetooth is enabled both on your phone AND within the MILWAUKEE® ONE-KEY™ app settings

- If you are still not seeing it, pull the trigger (with an attached battery) to wake it up from shipping mode
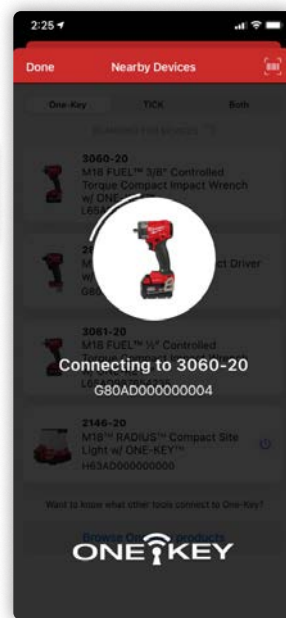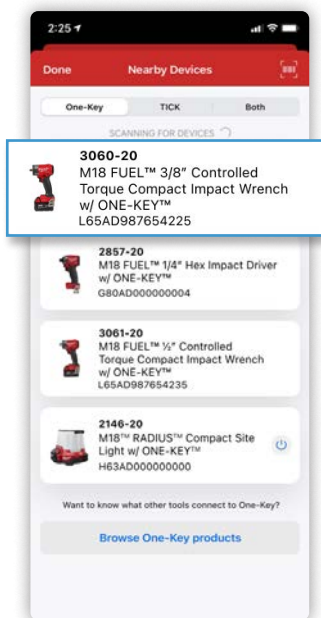
3 CONFIRM CONNECTION SUCCESSFUL

- Wireless connection blue light will blink on the bottom of the tool and the shadow-less lighting will flash when connection is successful

- You can also click **"Blink"** in the app to identify that your tool is connected
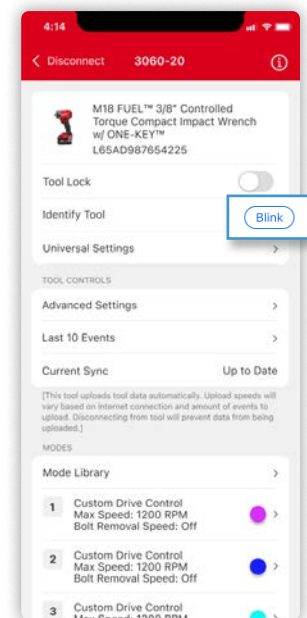
4 4-MODE SETTINGS

- Scroll down on the in-app screen when you are connected to the tool
- Mode library – location of saved torque programs
- Mode settings 1 – 4 are below
- Custom Drive Control is default setting
- Click the Mode # that you would like to program
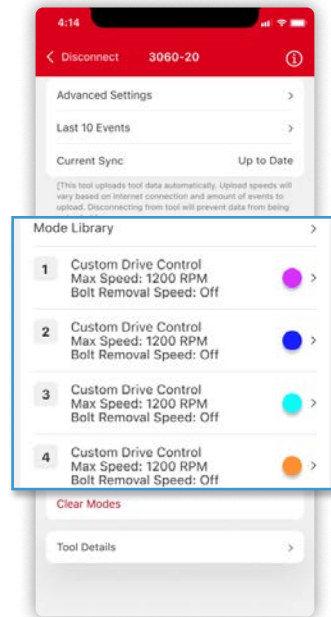
5 SELECT MODE

- Click **"Custom Drive Control"** within the mode menu at the top of the screen
- Select **"TORQUE-SENSE™"** to begin programming the tool at your target torque
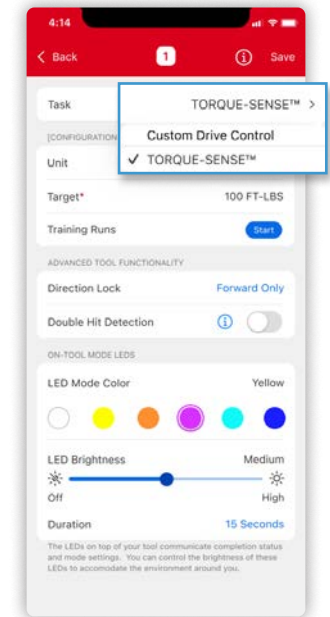
6 INPUT TARGET TORQUE

- Select the preferred units for your mode (ft-lbs or Nm)
- Input the target torque you would like the tool to operate at
- Compact range: 50 – 150 ft-lbs
- Mid-size range: 50 – 250 ft-lbs
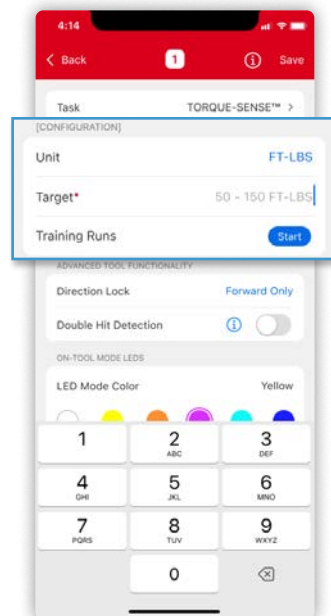
7 FINALIZE TOOL SETTINGS

- Select preferred tool top LED color, brightness, and duration
- Select **"Double Hit Detection"** off and **"Direction Lock"** off
  – **Double Hit Detection** helps prevent already tight bolts from being impacted on again, though it is not 100% fool proof
  – **Direction Lock** prevents a user in TORQUE-SENSE™ from using a tool in a certain direction, if desired
- Select **"Start"** to begin training the tool on your application at your target torque
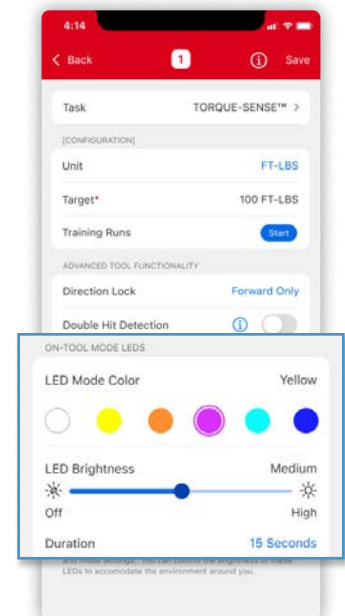
Digital Torque Wrench

8 BEGIN TOOL TRAINING PROCESS

- 10 Training Rundowns required to dial in tool repeatability

  – Tool will automatically shut off during rundown

  – After tool stops, shows green light, release finger from trigger

  – Measure torque applied to application with a Digital Torque Wrench

  – When 10 runs have been successful and audited, click **"Submit Training"**
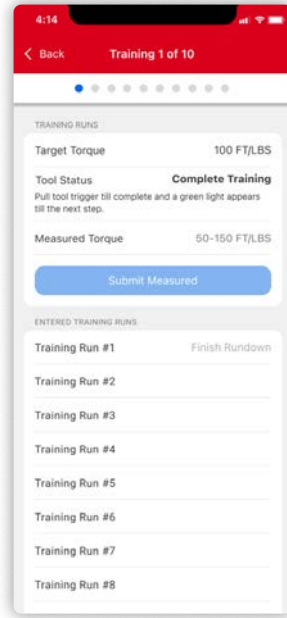
  TIP – Use new hardware for each of the 10 training rundowns

4:14
Back — Training 1 of 10

TRAINING RUNS

Target Torque — 100 FT/LBS

Tool Status — Complete Training
Pull tool trigger till complete and a green light appears till the next step.

Measured Torque — 50-150 FT/LBS

Submit Measured

ENTERED TRAINING RUNS

Training Run #1 — Finish Rundown
Training Run #2
Training Run #3
Training Run #4
Training Run #5
Training Run #6
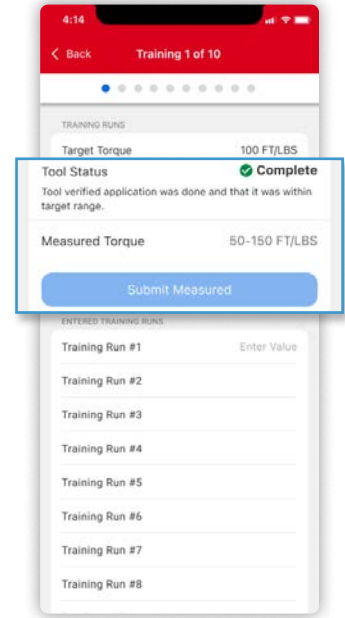Training Run #7
Training Run #8

9 COMPLETE RUNDOWN #1

- When connected to the tool, put your tool on your application and hold trigger to complete the rundown

- Tool will automatically stop and show a green light when it's rundown is complete

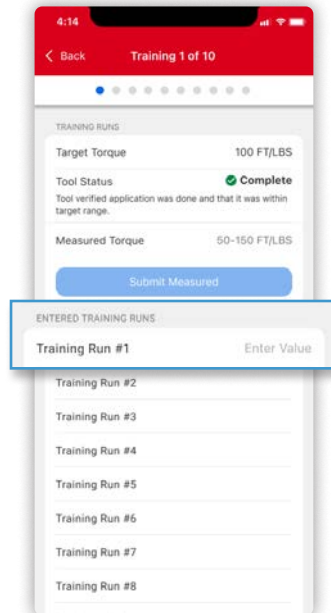- If a red light appears, re-do the application rundown with new hardware

NOTE – By design, the tool will not get exactly to your target torque every training run. TORQUE-SENSE™ is designed to go above and below your target torque during the training process

4:14
Back — Training 1 of 10

TRAINING RUNS

Target Torque — 100 FT/LBS

Tool Status — ✓ Complete
Tool verified application was done and that it was within target range.

Measured Torque — 50-150 FT/LBS

Submit Measured

ENTERED TRAINING RUNS

Training Run #1 — Enter Value
Training Run #2
Training Run #3
Training Run #4
Training Run #5
Training Run #6
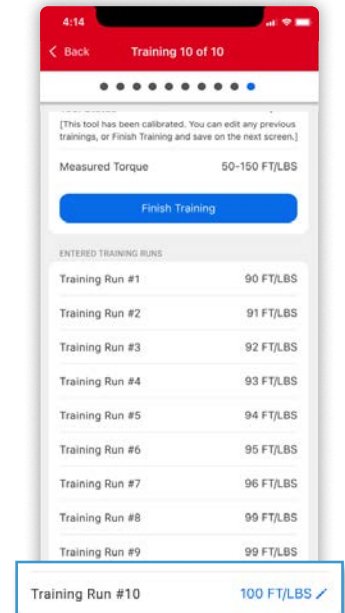Training Run #7
Training Run #8

10 AUDIT RUNDOWN #1

- Use your Digital Torque Wrench to measure the amount of torque that your impact applied on your application

- An audit value can be taken by loosening or tightening the bolt, but one needs to ensure that you note the torque value the **instant** the bolt moves

  – For the first rundown, the tool is designed to reach 50 – 80% of your target torque

  – If red light shows, re-do the application

- Input that torque value you just got with the Digital Torque Wrench into the 'measured torque' line in the MILWAUKEE® ONE-KEY™ app and click **"Next Rundown"**

4:14
Back — Training 1 of 10

TRAINING RUNS

Target Torque — 100 FT/LBS

Tool Status — ✓ Complete
Tool verified application was done and that it was within target range.

Measured Torque — 50-150 FT/LBS

Submit Measured

ENTERED TRAINING RUNS

Training Run #1 — Enter Value
Training Run #2
Training Run #3
Training Run #4
Training Run #5
Training Run #6
Training Run #7
Training Run #8

11 REPEAT 10 AND 11 UNTIL YOU HAVE AUDITED 10 BOLTS SUCCESSFULLY

- We recommend to always use new hardware on each of your 10 training runs for best results

- Always complete a green light rundown and torque audit before completing another rundown with the impact wrench

- Complete this process of fastening, auditing, and inputting torque into the app until you have 10 training runs complete

- The tool will not always get the target torque exactly, you will notice that it gets some above and some below the target torque

4:14
Back — Training 10 of 10

[This tool has been calibrated. You can edit any previous trainings, or Finish Training and save on the next screen.]

Measured Torque — 50-150 FT/LBS

Finish Training

ENTERED TRAINING RUNS

Training Run #1 — 90 FT/LBS
Training Run #2 — 91 FT/LBS
Training Run #3 — 92 FT/LBS
Training Run #4 — 93 FT/LBS
Training Run #5 — 94 FT/LBS
Training Run #6 — 95 FT/LBS
Training Run #7 — 96 FT/LBS
Training Run #8 — 99 FT/LBS
Training Run #9 — 99 FT/LBS
Training Run #10 — 100 FT/LBS ✎

12 FINISH TOOL TRAINING

- Once 10 training runs are complete, click "Finish Training"

- A pop-up should appear asking you to acknowledge the product performance and limitations
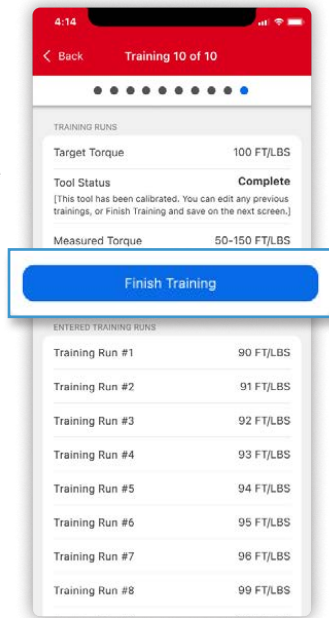
13 MODE SAVE AND BROADCASTING

- Click **"Save"** in the top right of the mode screen

- You can name your preferred mode for your application and add it to the Mode Library that is shared within your MILWAUKEE® ONE-KEY™ app tool inventory

- Identical model numbers can access this saved application mode within the Mode Library without having to configure or train other tools in your inventory

- If you select, **"Save to All Modes"** OR **"Save and Apply to All"**, you can push your torque training to other tools or modes. This can save time on tool setup

- If you forget to save to your mode library, tapping **"Back"** will automatically save your mode selection

NOTE – If you make changes to **"Unit"**, **"Target"**, or **"Task"**; this will require a new training setup of the mode
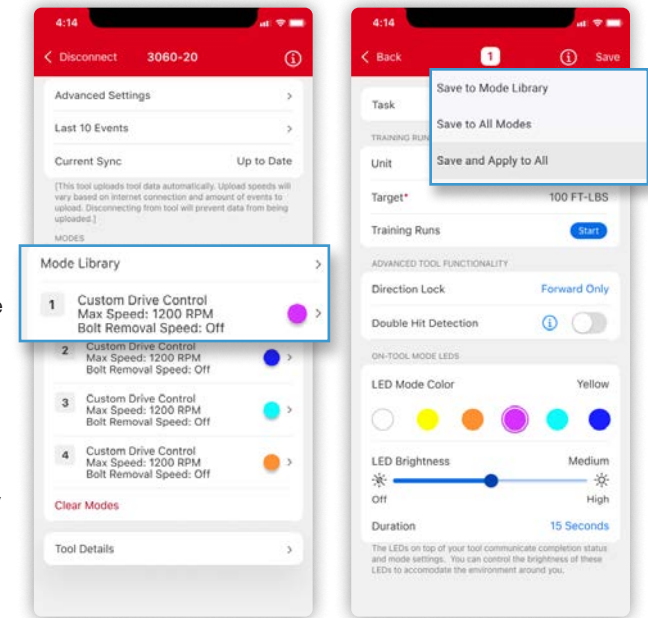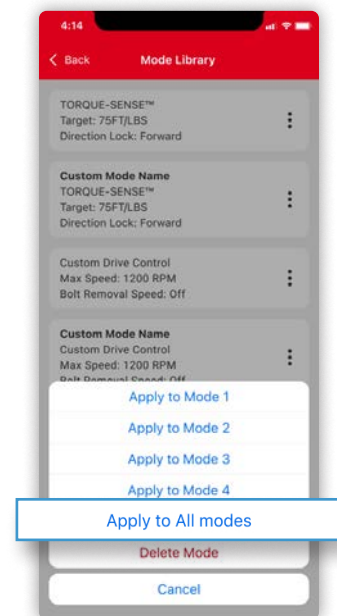
14 MODE LIBRARY

- Tapping **"Back"** on the top left of the screen, you will return to the tool's main page

- Tap **"Mode Library"** in the middle of the screen. Your mode library will display all saved modes that are accessible by your tool main page

- When you find the mode you would like to apply to your tool, click the three dots

NOTE – Modes can only be shared between identical tool models, MILWAUKEE® cannot ensure quality tool performance and recommends that tool performance is verified with a digital torque wrench
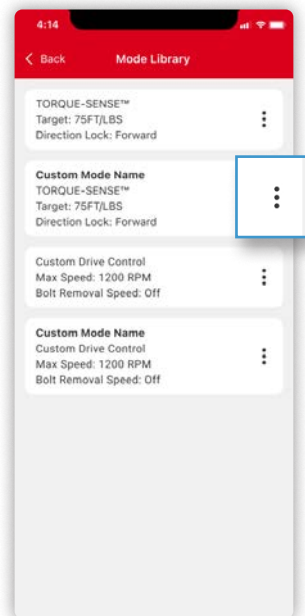
15 MODE SHARING

- Make your selection based on your preference. If you would like the tool to only have one setting, then we recommend copying the mode to **"Apply to All Modes"** within the mode library

LED LIGHT CODE MATRIX

Flash Pattern	LED Light Pattern	Mode Available	Error Code	Function	Action
	Red & Green Alternating	TORQUE-SENSE™ Custom Drive Control	Low Battery Voltage Detection	This tool ensures consistent output over battery discharge and will alert you when it is time to change the battery.	Install a fully charged M18™ Battery
	Red Flash	TORQUE-SENSE™	Double Hit	When enabled, Double-hit Prevention detects if your application is already fastened. Milwaukee Tool recommends that you operate the tool with both hands for repeatable double-hit prevention on your applications. Double-hit prevention cannot correctly detect 100% of the time. Always rely on visual observation or a digital torque wrench to be certain your application is in spec.	Educate tool operator of functionality, or disable in the app if no longer desired
		TORQUE-SENSE™	Early Let Go	Indicates full fastening cycle was not achieved.	Instruct operator to hold trigger until full fastening cycle is complete and tool automatically shuts off
		Universal Settings	Forward/Reverse Lock Off	Indicates tool was operated in direction that was locked out.	Instruct operator on tool settings
	Red & White Alternating	TORQUE-SENSE™	Application Retraining Timer	When enabled, the tool will operate until the inputted application count is reached. The tool will not operate and LED's will flash red and white until tool connection is made. You have the option to reset the timer, change the application count, or turn off the feature. Milwaukee Tool recommends that you check your tool's torque output on your application regularly with a digital torque wrench to ensure continued proper tool performance.	Connect tool to the MILWAUKEE® ONE-KEY™ app, select the notification and follow prompt
		TORQUE-SENSE™	Service Timer – Approaching Service Interval (95% Complete)	Indicates your tool is approaching end of life. We recommend having a replacement tool ready to minimize down time.	Connect tool to the MILWAUKEE® ONE-KEY™ app, select the notification and follow prompt
		TORQUE-SENSE™ Custom Drive Control	Sensor Error	A sensor malfunction is detected. To ensure repeatable performance, we require that you send the tool in for service. Contact 1-800-SAWDUST or visit Milwaukeetool.com/support to begin service process.	Connect tool to the MILWAUKEE® ONE-KEY™ app, select the notification and follow prompt
	Green Light	TORQUE-SENSE™ Custom Drive Control	OK Event	Tool has completed its full fastening cycle. Green light only indicates tool has completed full cycle, not a guarantee of torque target achieved. To ensure proper output, validate with a calibrated torque wrench.	No action necessary
	Mode Colors	TORQUE-SENSE™ Custom Drive Control	Customizable LED Indication Lights	Customizable LED lights can be selected and assigned during tool setup based on preference. For example, lights could indicate specific mode settings, assigned operator or crew, etc.	No action necessary