

Automotive – Style Technology Pushes Fusion Industry Forward



Technology Fun Facts:

- Plenty of people are afraid of technology. So much so it even has a name - "Technophobia"
- "Nomophobia" - the fear of being without your mobile phone
- "Cyberphobia" the fear computers
- We generally just suffer from "FOMO" though, the fear of missing out



What comes to mind as the
biggest change in recent
Automotive Technology?

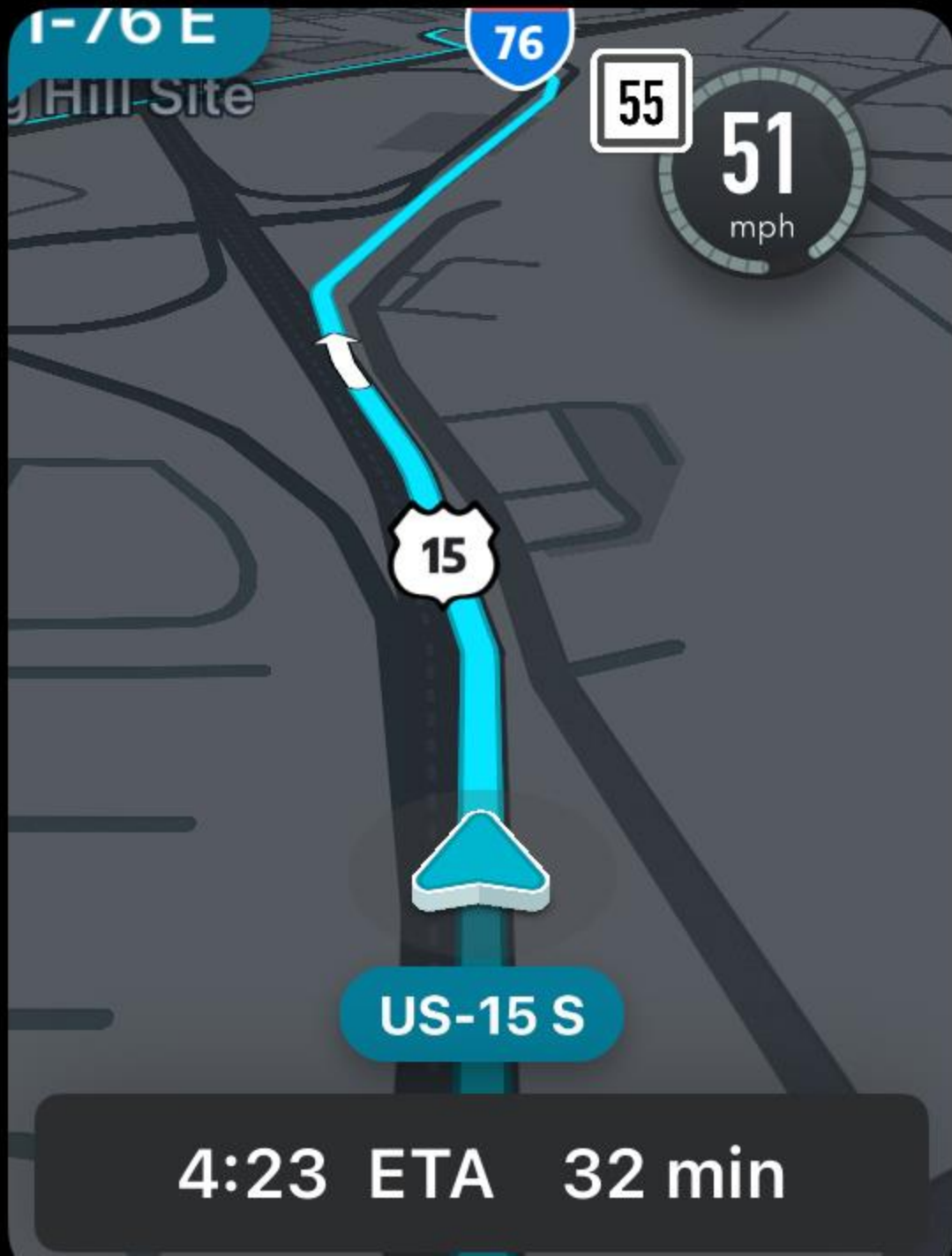


What is something else that comes to mind as the biggest change in recent Automotive Technology?



3:52

5G



1,025 ft

to I-76 / Penna. Tpk
» Pittsburgh /
Philadelphia



With the rise of self driving vehicles, it's only a matter of time before there's a Country song where the guy's truck leaves him.





UNDERGROUND CONSTRUCTION TECHNOLOGY
THE UNDERGROUND UTILITIES EVENT | February 7-9, 2023 | Orlando, FL



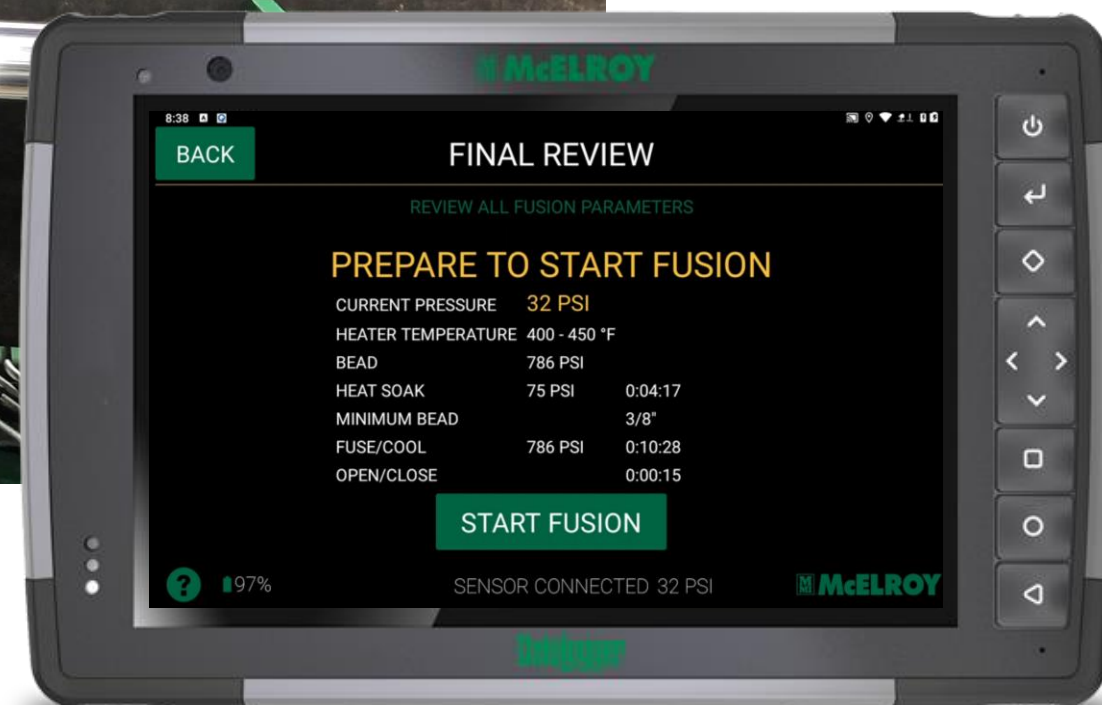




UNDERGROUND CONSTRUCTION TECHNOLOGY

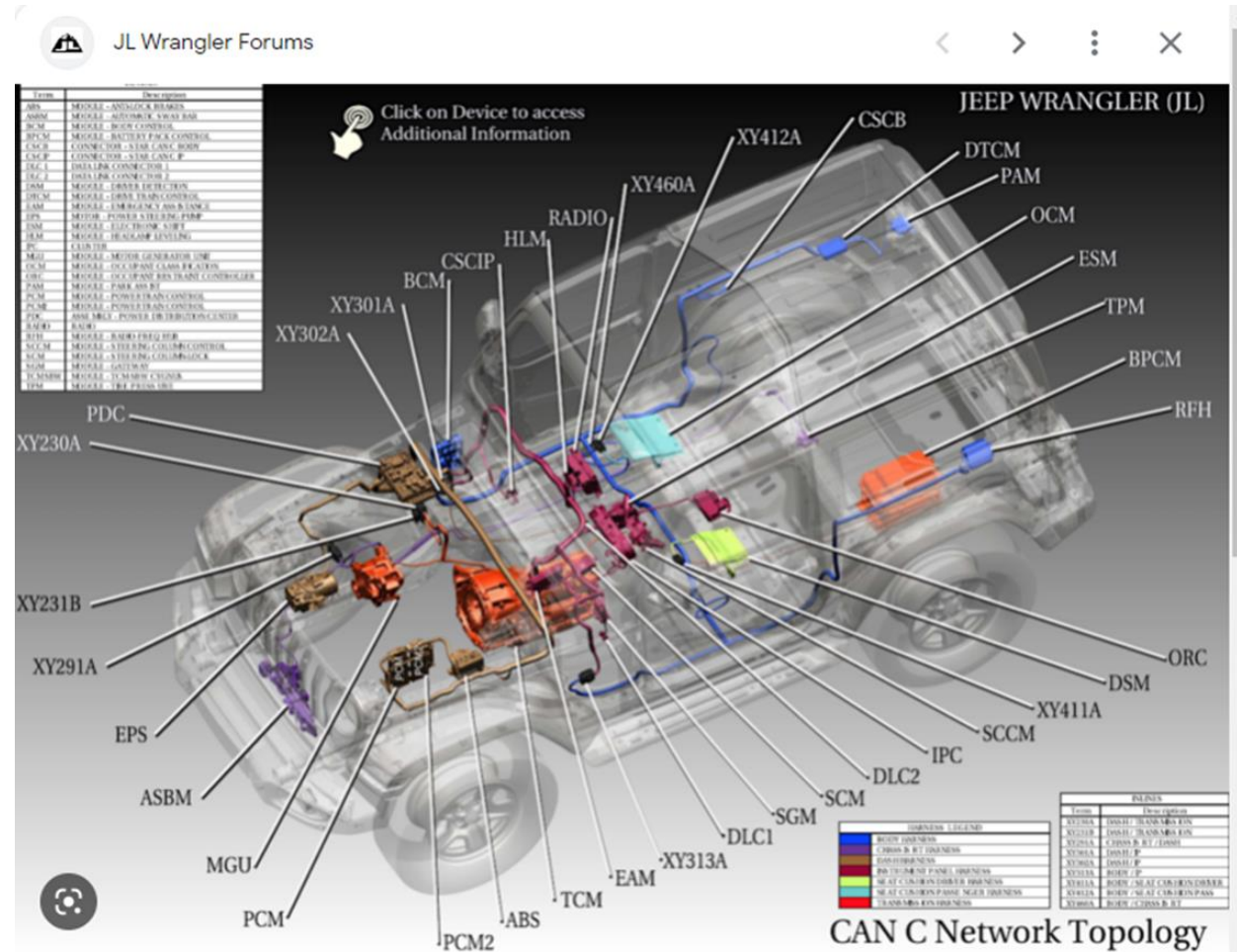
THE UNDERGROUND UTILITIES EVENT | February 7-9, 2023 | Orlando, FL





CAN BUS...?

Controller Area Network



wiring diagram – Jeep Wrangler (JL) News and Forum – JLWranglerforums.com
| Jeep Wrangler Forums (JL / JLU) - Rubicon, Sahara, Sport, 4xe, 392 -...

Visit

Images may be subject to copyright. [Learn More](#)

UNDERGROUND CONSTRUCTION TECHNOLOGY

THE UNDERGROUND UTILITIES EVENT | February 7-9, 2023 | Orlando, FL





12.4 V

MMI McELROY



LIGHTS



HEATER



TRACK ENABLE



PIPE LIFTS



OUTRIGGERS



SERVICE



12.0 V



McELROY

COOLANT
TEMP.

186°

FAHRENHEIT



HEATER TEMP.

401°

FAHRENHEIT



ENGINE SPEED

1794

RPM



SYSTEM PRESSURE

3073

PSI



OIL
PRESSURE

66

PSI



ENGINE
TORQUE

13

%



LIGHTS



HEATER



TRACK ENABLE



PIPE LIFTS



OUTRIGGERS



SERVICE



USER SETTINGS

BRIGHTNESS:



LANGUAGE:

ENGLISH

PRESSURE:

PSI

BAR

TEMPERATURE:

FAHRENHEIT

System Information



GFCI MODE



UL



NZ/AU



RCD

FACER MODE

Momentary / Continual

MOM.

CONT.

FACER ALARM

At Start / Continual

START

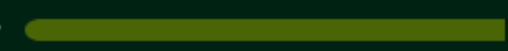
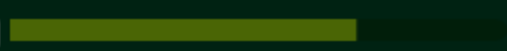
CONT.

GATE MODE

Required

YES

NO



12.0 V



McELROY

COOLANT
TEMP.

186°

FAHRENHEIT



HEATER TEMP.

401°

FAHRENHEIT



LIGHTS



DRIVE



WORK



BEACON



OUTRIGGERS

Select individual outriggers to raise and lower legs.

FRONT LEFT



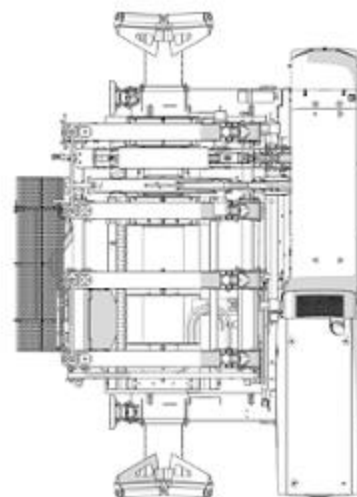
FRONT RIGHT



REAR LEFT



REAR RIGHT



RAISE ALL



HYDRAULIC OIL & FILTER



CURRENT
RUNTIME

230

Hours

TILL NEXT
SERVICE

5

Hours

EDIT

SPN 520315



WARNING



Carriage GCU
FMI 31

DESCRIPTION:

Indexer Control Not Reading Correctly. Indexer not able to move.

POTENTIAL CAUSES:

3 Jaw carriage harness, indexer paddle lever, & connectors

PINOUT & WIRE INFORMATION:

Carriage controller pin A059 & A103, WHT/PPL

MACHINE ACTION:

Disable Indexer Movement

DISMISS



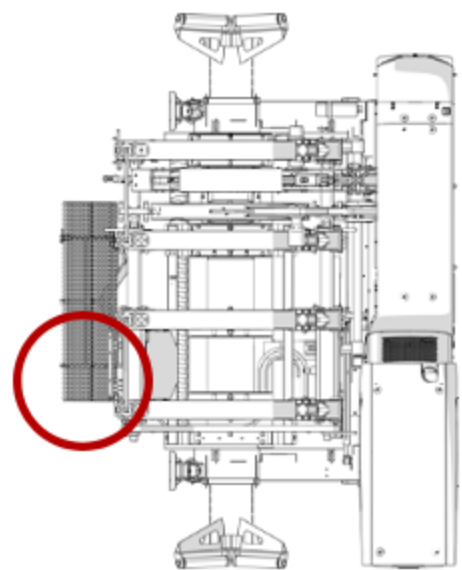
12.0 V



EMERGENCY STOP PRESSED



Emergency Stop has been pressed.
Check for safe conditions and reset
Emergency Stop to restore operations.



DISMISS

LIGHTS

HEATER

TRACK ENABLE

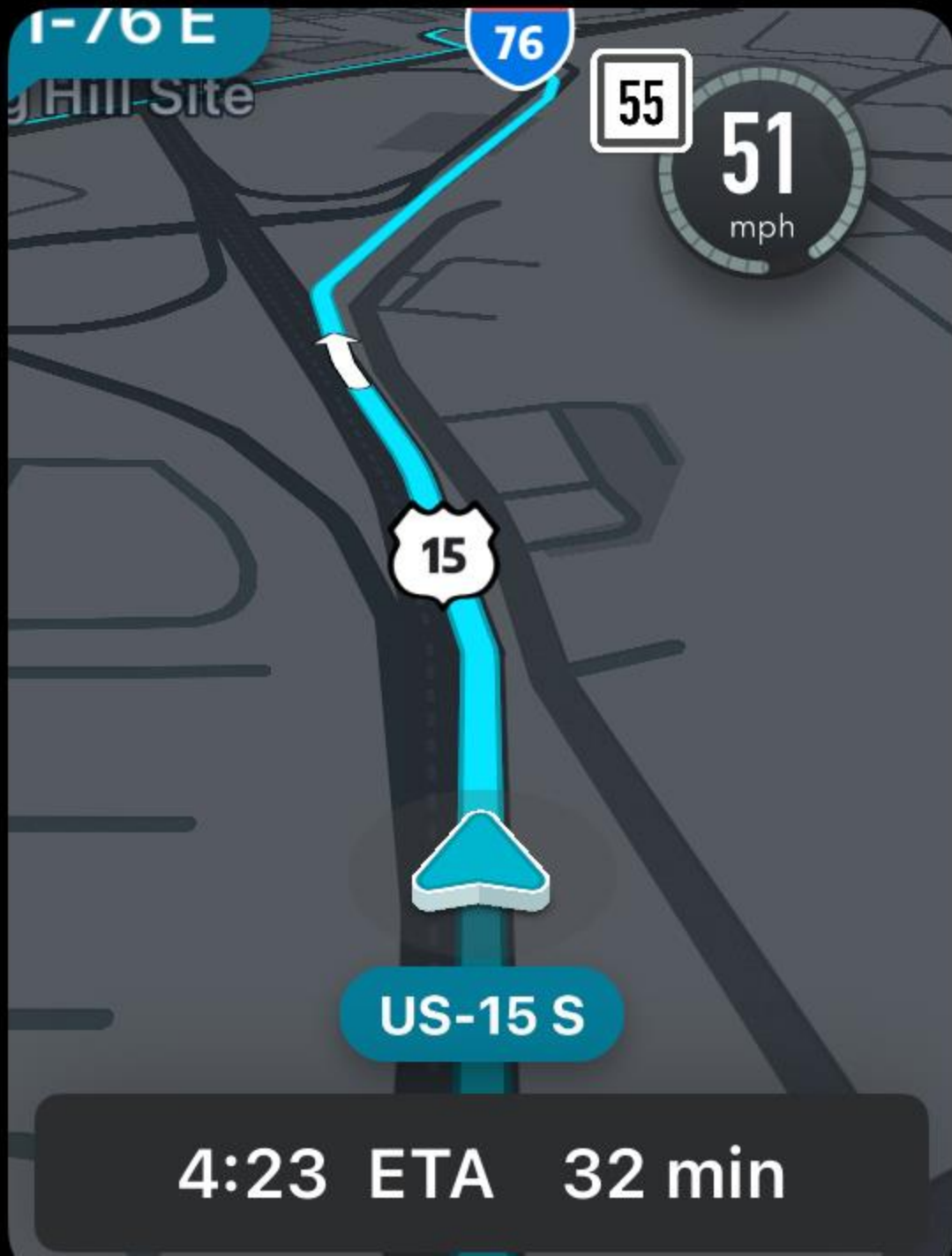
PIPE LIFTS

OUTRIGGERS

SERVICE

3:52

5G



US-15 S

4:23 ETA 32 min

1,025 ft

to I-76 / Penna. Tpk
» Pittsburgh /
Philadelphia





UNDERGROUND CONSTRUCTION TECHNOLOGY
THE UNDERGROUND UTILITIES EVENT | February 7-9, 2023 | Orlando, FL





TRACSTAR McELROY



Getac

ABORT

LOGGING

DONE

SETUP
BEAD 197 PSI
MINIMUM BEAD 3/16"

FUSE SETTINGS
OPEN/CLOSE 0:00:15
FUSE/COOL 197 PSI 0:02:37

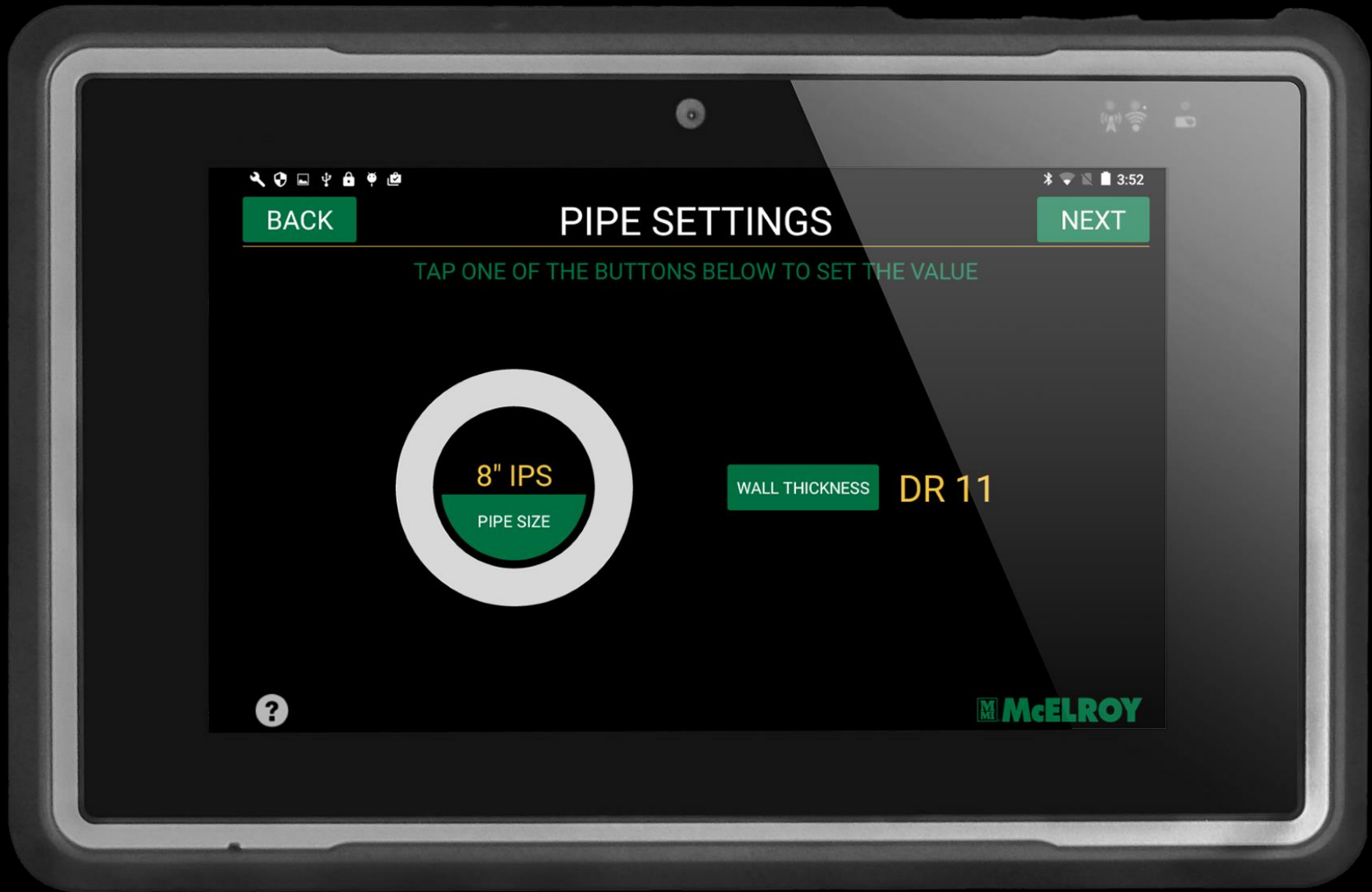
195 PSI
0:02:41

RESET TIMER

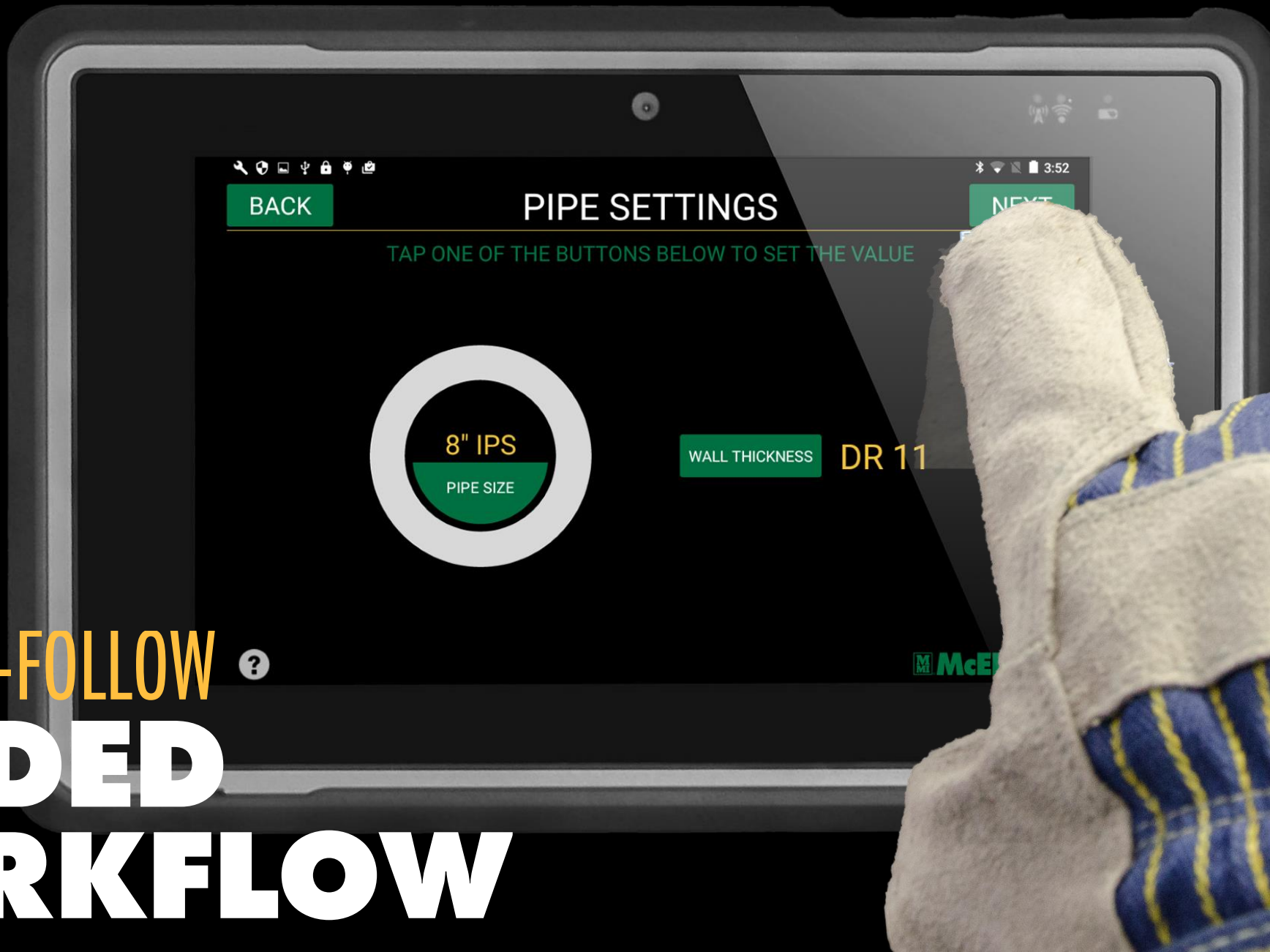


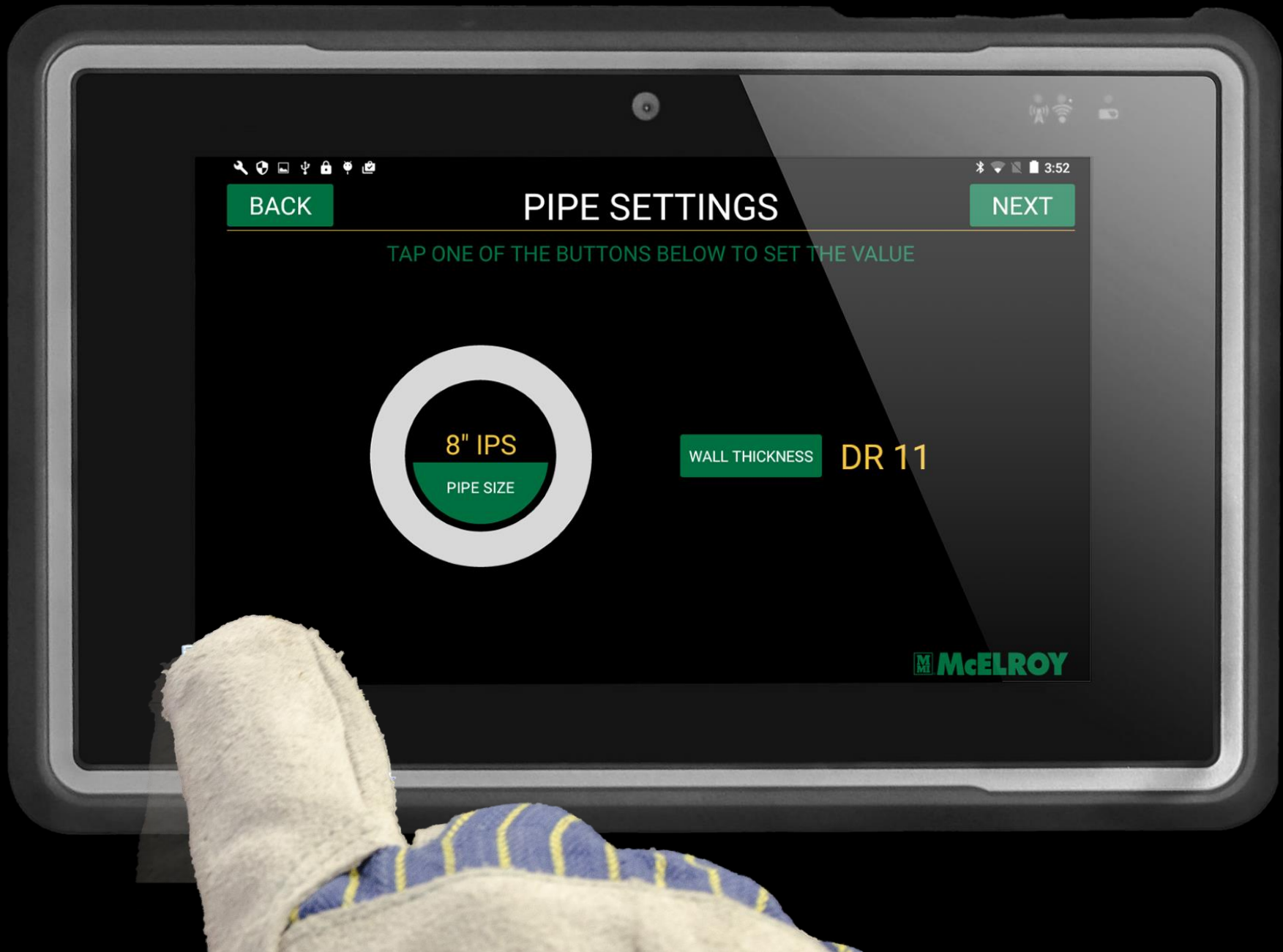
Getac





SIMPLE-TO-FOLLOW GUIDED WORKFLOW





BACK

PIPE SETTINGS

NEXT

TAP ONE OF THE BUTTONS BELOW TO SET THE VALUE

8" IPS

PIPE SIZE

WALL THICKNESS

DR 11



BACK

REVIEW

X

FUSION JOINT SHIFT SEQUENCE

SELECTOR
VALVE

FACING
PRESSURE

HEATING
PRESSURE

FUSING
PRESSURE

?

2:03

📶 🔋

BACK

FINAL REVIEW

REVIEW ALL FUSION PARAMETERS

PREPARE TO START FUSION

CURRENT PRESSURE	87 PSI	
HEATER TEMPERATURE	400 - 450 °F	
BEAD	153 PSI	
HEAT SOAK	31 PSI	
MINIMUM BEAD	3/16"	
FUSE/COOL	153 PSI	0:04:17
OPEN/CLOSE		0:00:10

START FUSION

? 88%

SENSOR CONNECTED 87 PSI

 **McELROY**

Technology...Who knows what the future holds...?



