

FAULT · POWER

F-01

Dead battery

Runs fine on USB. Unplug it and it goes dark.

YES: A B C D E G H I · NO: F

Hi, Bot

FAULT · POWER

F-02

Blown fuse

No power reaches anything. Nothing works at all.

YES: none · NO: A B C D E F G H I

Hi, Bot

FAULT · POWER

F-03

Broken USB cable

The battery runs everything, but it can't charge.

YES: A B C D E F G H · NO: I

Hi, Bot

FAULT · SENSE

F-04

Cracked camera

It can't see, so it can't name colors or remember cards.

YES: A B C E F G I · NO: D H

Hi, Bot

FAULT · SENSE

F-05

Deaf microphone

It can't hear claps.

YES: A C D E F G H I · NO: B

Hi, Bot

FAULT · SENSE

F-06

Blind distance sensor

It can't tell how close the wall is.

YES: A B C D F G H I · NO: E

Hi, Bot

FAULT · THINK

F-07

Stuck timer

It loses track of time, so it never stops by itself.

YES: A B C D E F H I · NO: G

Hi, Bot

FAULT · THINK

F-08

Wiped memory

It forgets every card it has already seen.

YES: A B C D E F G I · NO: H

Hi, Bot

FAULT · THINK

F-09

Frozen program

The power is on, but the brain has stopped deciding anything.

YES: A F I · NO: B C D E G H

Hi, Bot

FAULT · ACT

F-10

Jammed wheels

Everything else works, but it can't move.

YES: A B D F H I · NO: C E G

Hi, Bot

FAULT · ACT

F-11

Broken speaker

It can't make any sound.

YES: A C D E F G I · NO: B H

Hi, Bot

FAULT · ACT

F-12

Dead screen

The screen stays blank.

YES: A B C E F G H I · NO: D

Hi, Bot

TEST

A - Light

Switch it on. Does the status light glow?

TEST A

The Bot answers YES or NO from their Fault card.

Hi, Bot

TEST

B - Clap

Clap once. Does it beep back?

TEST B

The Bot answers YES or NO from their Fault card.

Hi, Bot

TEST

C - Drive

Press GO. Do the wheels turn?

TEST C

The Bot answers YES or NO from their Fault card.

Hi, Bot

TEST

TEST D

D - See

Hold up a red card. Does the screen say RED?

The Bot answers YES or NO from their Fault card.

Hi, Bot

TEST

TEST E

E - Wall

Press GO facing a wall. Does it drive, then stop before it bumps?

The Bot answers YES or NO from their Fault card.

Hi, Bot

TEST

TEST F

F - Unplug

Pull out the USB cable. Does the status light stay on?

The Bot answers YES or NO from their Fault card.

Hi, Bot

TEST

TEST G

G - Wait

Press GO and wait. Does it drive, then stop by itself after 10 seconds?

The Bot answers YES or NO from their Fault card.

Hi, Bot

TEST

TEST H

H - Repeat

Show the red card twice. Does it say "again!" out loud?

The Bot answers YES or NO from their Fault card.

Hi, Bot

TEST

TEST I

I - Charge

Plug the USB cable back in. Does the charge light come on?

The Bot answers YES or NO from their Fault card.

Hi, Bot