Bill of Materials

DESCRIPTION	PART NUMBER	QUANTITY
12V Battery		1
Fuse		1
Buck Converter		1
Arduino Uno		1
SD Card Shield Reader		1
Brake Pressure Sensor		2
Hall Effect Sensor		2
Push Button		1
LED		1
RTC		1
Screen		1

Connector Table

CONNECTOR ID	TYPE	PIN COUNT
C1	Deutsch	2 pin
C2	Deutsch	2 pin
C3	Deutsch	2 pin
C4	Deutsch	3 pin
C5	JST-XH	4 pin
C6	JST-XH	4 pin
C7	JST-VH	2 pin
C8	JST-VH	2 pin
C9	JST-VH	3 pin
C10	JST-VH	3 pin
C11	Deutsch	3 pin

Wire Table

WIRE TYPE	COLOR
18 AWG GXL	Red
18 AWG GXL	Black
22 AWG TXL	Orange
22 AWG TXL	Pink
22 AWG Shielded	Green

TITAN RACING BAJA 2026
CVT DYNO
CIRCUIT DIAGRAM

SIZE C
FSCM NO
DRAWING NUMBER TBD ###
REV 1
SCALE 1:1
SHEET 2 OF 2