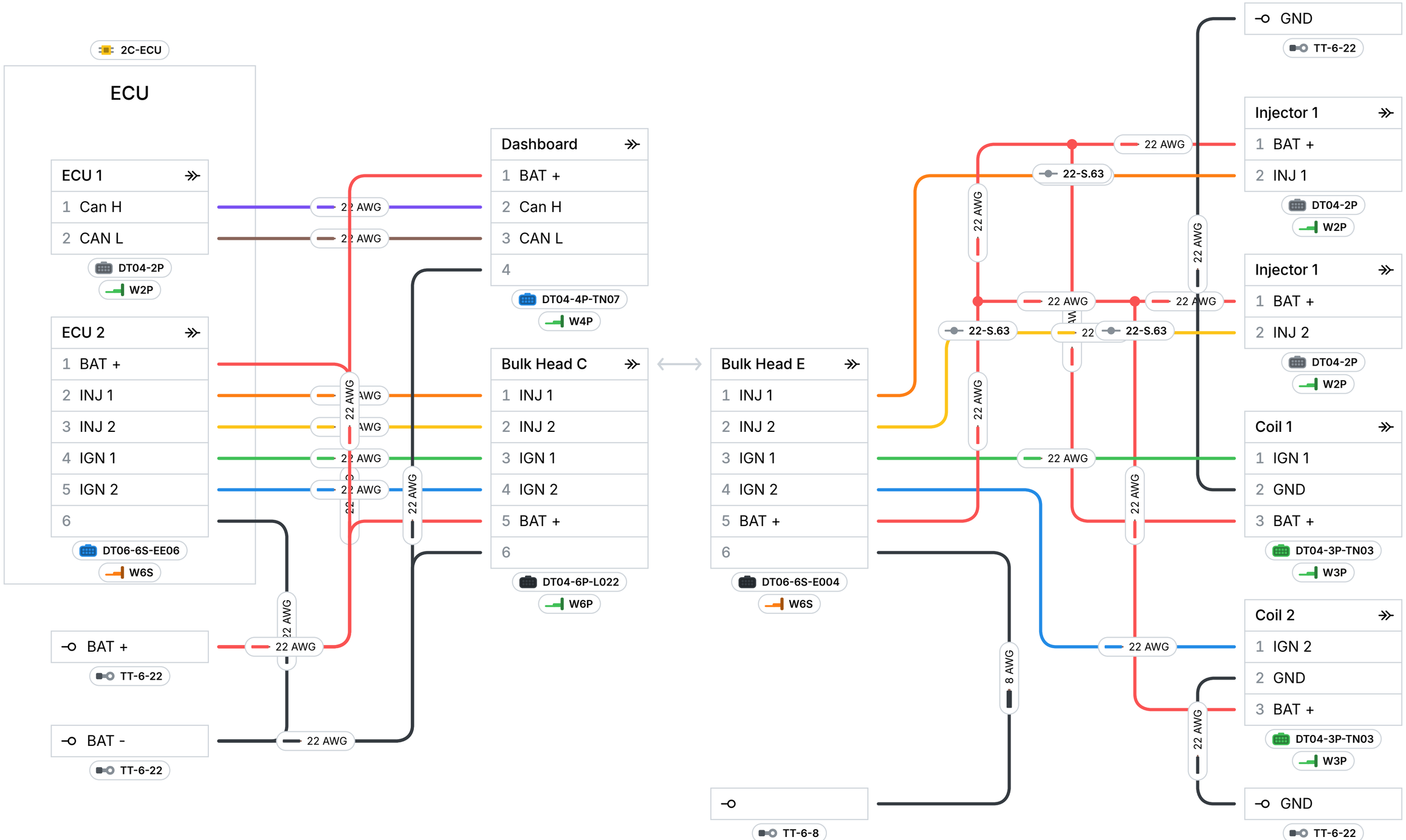
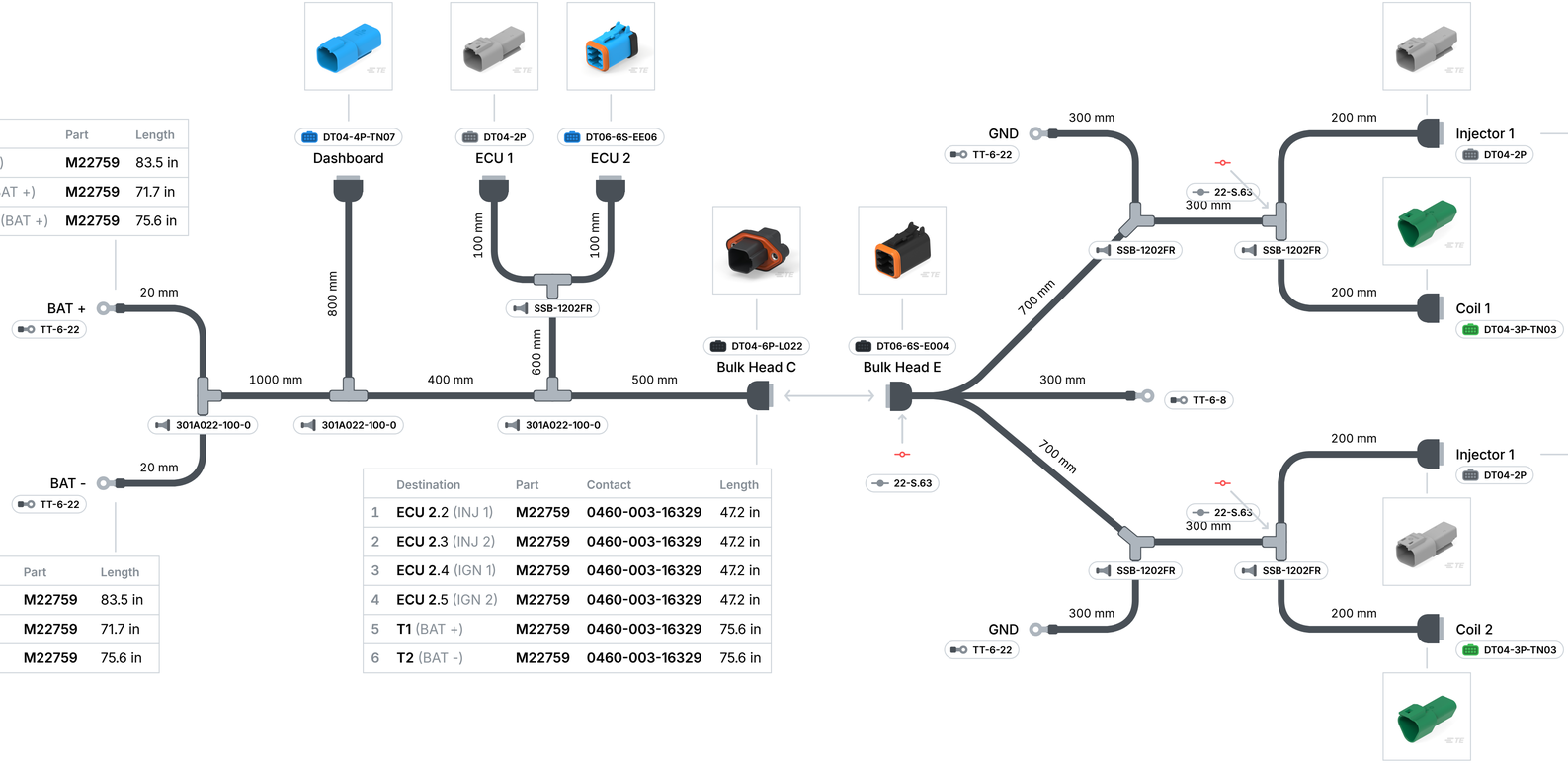


Schematic

All bundle tolerance are ±5 mm

UNCLE SAM'S RACING	COMPANY Uncle Sam's Racing	TITLE Engine Harness
DATE 9/8/2026	DRAWN BY Sam	



Destination	Part	Length
ECU 2.1 (BAT +)	M22759	83.5 in
Dashboard.1 (BAT +)	M22759	71.7 in
Bulk Head C.5 (BAT +)	M22759	75.6 in

Destination	Part	Length
ECU 2.6	M22759	83.5 in
Dashboard.4	M22759	71.7 in
Bulk Head C.6	M22759	75.6 in

	Destination	Part	Contact	Length
1	ECU 2.2 (INJ 1)	M22759	0460-003-16329	47.2 in
2	ECU 2.3 (INJ 2)	M22759	0460-003-16329	47.2 in
3	ECU 2.4 (IGN 1)	M22759	0460-003-16329	47.2 in
4	ECU 2.5 (IGN 2)	M22759	0460-003-16329	47.2 in
5	T1 (BAT +)	M22759	0460-003-16329	75.6 in
6	T2 (BAT -)	M22759	0460-003-16329	75.6 in

	Destination	Part	Contact	Length
1	S2 (BAT +)	M22759	0460-003-16329	7.9 in
2	Bulk Head E.1 (INJ 1)	M22759	0460-003-16329	47.2 in

	Destination	Part	Contact	Length
1	Bulk Head E.3 (IGN 1)	M22759	0460-003-16329	47.2 in
2	T4 (GND)	M22759	0460-003-16329	31.5 in
3	S2 (BAT +)	M22759	0460-003-16329	7.9 in

	Destination	Part	Contact	Length
1	S3 (BAT +)	M22759	0460-003-16329	7.9 in
2	Bulk Head E.2 (INJ 2)	M22759	0460-003-16329	47.2 in

	Destination	Part	Contact	Length
1	Bulk Head E.4 (IGN 2)	M22759	0460-003-16329	47.2 in
2	T5 (GND)	M22759	0460-003-16329	31.5 in
3	S3 (BAT +)	M22759	0460-003-16329	7.9 in

Layout

All bundle tolerance are ±5 mm

UNCLE SAM'S RACING	COMPANY Uncle Sam's Racing	TITLE Engine Harness
DATE 9/8/2026	DRAWN BY Sam	

Parts

	Part Number	Manufacturer	Details	Description	Quantity	Price	Total Price
Connectors							
	DT04-2P	TE Connectivity DEUTSCH	2 cavities, Male	DEUTSCH DT series, size 16, N seal.	2	$3.20	$6.40
	DT04-3P-TN03	TE Connectivity DEUTSCH	3 cavities, Male	DEUTSCH DT series, size 16, N seal, 2 rows. TE PN 2-2448110-2.	2	$3.80	$7.60
	DT04-4P-TN07	TE Connectivity DEUTSCH	4 cavities, Male	DEUTSCH DT series, size 16, N seal, 2 rows. TE PN 2-2448112-3.	1	$4.40	$4.40
	DT04-6P-L022	TE Connectivity DEUTSCH	6 cavities, Male	DEUTSCH DT series, size 16, N seal, flange, panel mount, 3 rows. TE PN 2484670-3.	1	$6.80	$6.80
	DT06-6S-E004	TE Connectivity DEUTSCH	6 cavities, Female	DEUTSCH DT series, size 16, N seal, 2 rows.	1	$5.20	$5.20
Terminals							
	TT-6-22	TerminalTech	#8, 24–20 AWG		4	$1.80	$7.20
	TT-6-8	TerminalTech	#8, 10–6 AWG		1	$1.80	$1.80
Wires							
	M22759	WireMnf	Red, 22 AWG		≥340.92 in	$0.85 /	$7.36
	M22759	WireMnf	Blue, 22 AWG		94.48 in	$0.85 /	$2.04
	M22759	WireMnf	Black, 22 AWG		293.7 in	$0.85 /	$6.34
	M22759	WireMnf	Brown, 22 AWG		74.8 in	$0.85 /	$1.61
	M22759	WireMnf	Orange, 22 AWG		94.48 in	$0.85 /	$2.04
	M22759	WireMnf	Yellow, 22 AWG		94.48 in	$0.85 /	$2.04
	M22759	WireMnf	Green, 22 AWG		94.48 in	$0.85 /	$2.04
	M22759	WireMnf	Violet, 22 AWG		74.8 in	$0.85 /	$1.61
	M22759	WireMnf	Black, 8 AWG		11.81 in	$0.85 /	$0.25
Splices							
	22-S.63	TogetherTech		Standard Splice	3	$0.40	$1.20
Contacts							
	0460-003-16329	TE Connectivity DEUTSCH	Crimp, Male, 24–22 AWG	DEUTSCH Common Contact, size 16.	20	$0.85	$17.00
	0462-006-1631	TE Connectivity DEUTSCH	Crimp, Female, 24–20 AWG	DEUTSCH Common Contact, size 16.	6	$0.90	$5.40
Group Parts							
	2C-ECU	FastTech		ECU	1	$460.00	$460.00
Locks							
	W2P	TE Connectivity DEUTSCH		DEUTSCH DT series secondary lock.	2	$0.55	$1.10
	W3P	TE Connectivity DEUTSCH		DEUTSCH DT series secondary lock.	2	$0.55	$1.10
	W4P	TE Connectivity DEUTSCH		DEUTSCH DT series secondary lock.	1	$0.60	$0.60
	W6S	TE Connectivity DEUTSCH		DEUTSCH DT series secondary lock.	1	$0.80	$0.80
	W6P	TE Connectivity DEUTSCH		DEUTSCH DT series secondary lock.	1	$0.80	$0.80
Boots							
	SSB-1202FR	TE Connectivity		RAYCHEM cable transition, straight, 2 branches, adhesive precoat, modified polyolefin, body 11.43 – 40.64 mm.	5	$18.50	$92.50
	301A022-100-0	TE Connectivity		RAYCHEM cable transition, T shape, 3 branches, low fire hazard material, body 6.9 – 13.2 mm.	3	$12.00	$36.00
Total							**$681.23**