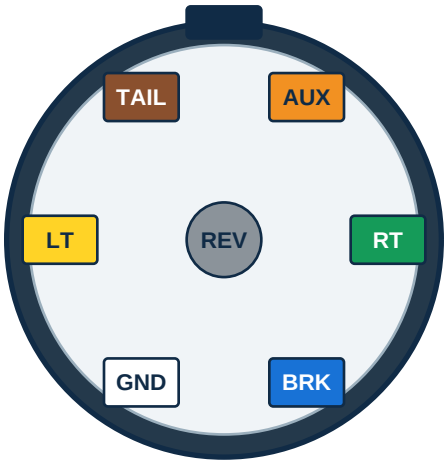
U.S. 7-WAY RV BLADE

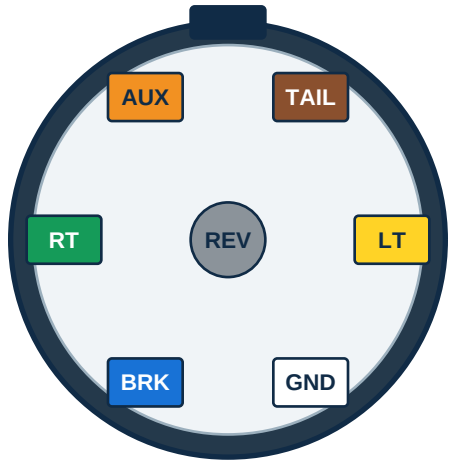
GOOSENECK + TAG EQUIPMENT TRAILERS | 12V DC | FLAT BLADE CONTACTS

KEY / LATCH AT TOP



TRUCK SOCKET - CONTACT FACE

KEY / LATCH AT TOP



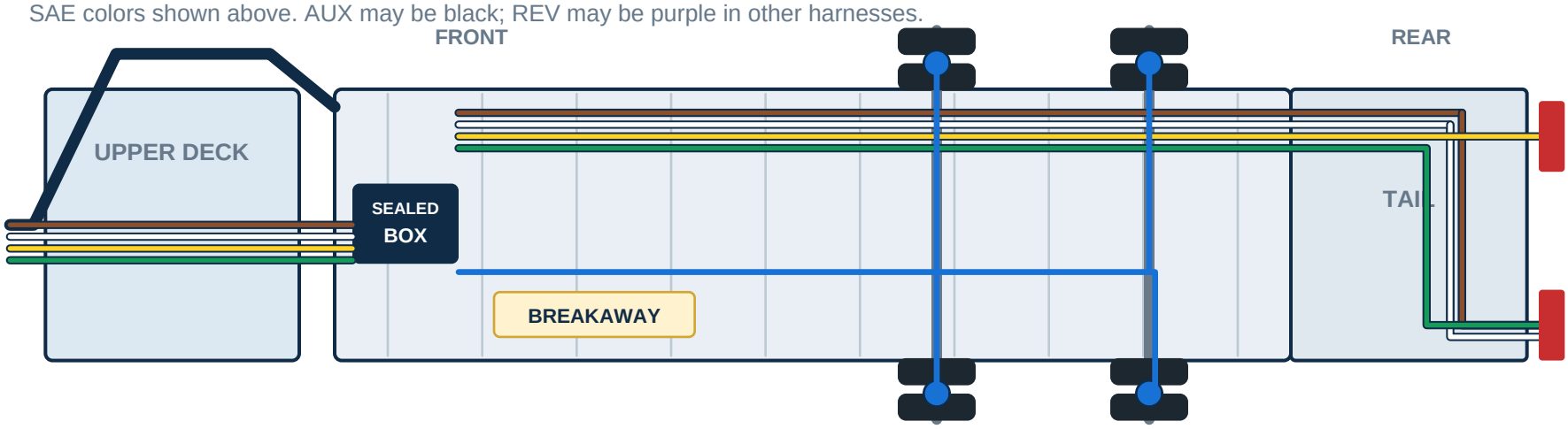
TRAILER PLUG - CONTACT FACE

Looking straight into the mating faces. The trailer face is mirrored.

CIRCUIT KEY - WIRE BY FUNCTION; COLORS VARY BY HARNESS

ID	FUNCTION	SAE COLORS	RV COLORS	CLOCK: TRUCK / PLUG
GND	Ground / dedicated return	White	White	7 / 5
TAIL	Tail / marker / license lamps	Brown	Green	11 / 1
LT	Left turn + left stop lamp	Yellow	Red	9 / 3
RT	Right turn + right stop lamp	Green	Brown	3 / 9
BRK	Brake-controller output	Blue	Blue	5 / 7
AUX	Fused +12V auxiliary supply	Orange	Black	1 / 11
REV	Reverse lamps (if equipped)	Gray	Yellow	Center

SAE colors shown above. AUX may be black; REV may be purple in other harnesses.



Lighting + electric-drum routing overview; AUX / REV branches and breakaway wiring omitted.

INSTALL + TEST

Use AWG wire sizes. Select gauge and fusing for load, run length and component instructions.
Use a compatible brake controller. EOH: blue is the command; actuator needs its own power.
Breakaway battery and switch must operate with the truck disconnected. Test before towing.
Verify tail, left/right stop-turn, reverse, auxiliary power, ground and brake operation.

Connector function reference: CURT Towing 101. Diagram is a functional schematic, not to scale.

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