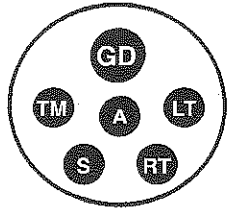
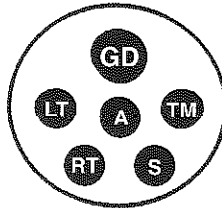


## ELECTRICAL AND WIRING

### TYPICAL WIRING DIAGRAM FOR 6-WAY ROUND CONNECTORS



TRUCK PLUG



TRAILER PLUG

TM TAIL LIGHTS	BROWN
GD GROUND	WHITE
LT LEFT TURN	YELLOW
RT RIGHT TURN	GREEN
S* BRAKES	BLUE
A* ACCESSORY	RED

\* Caution: Some manufacturers use "S" for accessory and "A" for brakes.  
Note: Locate wires by function only. Color coding is not standard among all manufacturers.

### ELECTRICAL AND WIRING

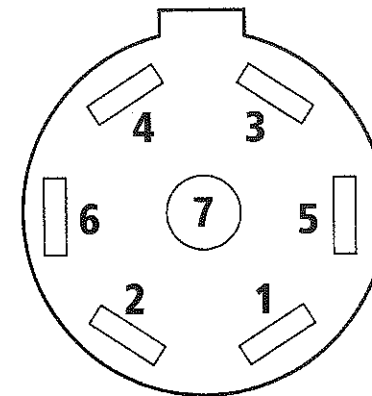
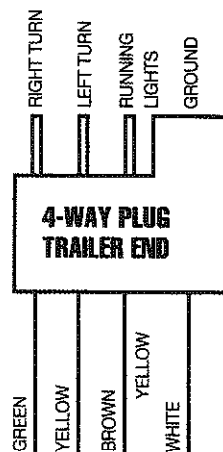
Tow vehicles must have the correct plug at the hitch and be connected to the correct tow vehicle circuits using acceptable practices in wire routing and connections. Titan uses two different types of plugs. Trailers that are not

equipped with brakes will have the 4-way flat plug like the wiring code pictured at right.

Trailers that have the larger 7-way plug which accommodates electric brakes and a separate line for inside lights. The inside lights are wired to the #4 post. The auxiliary center post is used for backup lights or other special order/use wiring.

**CAUTION**

THIS TRAILER IS EQUIPPED WITH 120 VOLT/60 HZ/AC (HOUSE CURRENT) ELECTRICAL POWER. UL APPROVED NON-METALLIC SHEATHED CABLE (IE. ROMEX) HAS BEEN INSTALLED IN THE WALL/ROOF CAVITY OF THE TRAILER. PROCEED WITH CAUTION WHEN ATTACHING EQUIPMENT TO THE TRAILER OR CUTTING INTO THE ROOF OR WALLS OF THE TRAILER.



TOW VEHICLE RECEPT.

BLUE	1	BRAKES
WHITE	2	GROUND
YELLOW	6	LEFT TURN
BROWN	4	RUNNING LIGHTS
RED	3	HOT/AUX
GREEN	5	R/H TURN
BLACK	7	AUXIL./BACKUP LIGHTS

It is important to ground the wiring properly. The ground wire should run from the plug and attach to tow vehicle's frame. Hitches, coupler/ball, safety chains and load leveling equalizer bars will NOT provide an adequate continuous ground and may result in electrical system failure. In addition, any hot line or auxiliary line should be run with an in-line fuse.

If an auxiliary battery is added to the trailer, there must be a fuse installed between the battery and the load.

Titan recommends that a separate fused line be run from the tow vehicle's battery, through a 20 Amp in-line fuse, to an aftermarket toggle switch mounted on the dash. This switch should have a 20 Amp capacity. Wiring should be run from the switch to the #3 post for running lights. Newer vehicles' wiring and headlight switches are many times marginal and do not have the capacity to carry the current required for larger trailers with lots of running lights. If your tow vehicle has amber turn signals, see your hitch & wiring specialist for installation of a relay or "splitter" to operate your trailer turn signals and brake lights. The hot line should have a 15 Amp in-line fuse installed between battery and tow vehicle plug.