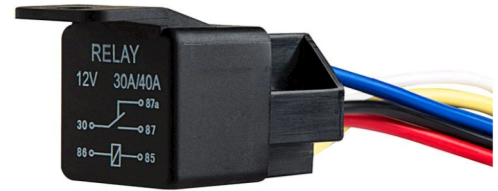


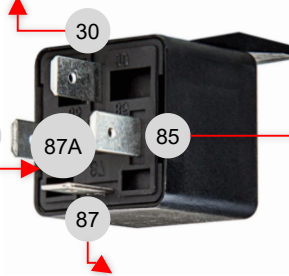
Porch Light Relay



Blue wire from relay to Ford C1035G, Pin 41, SBB41, RD, BJB Fuse 41 (30A), in upfitter bundle under dash

White wire from relay to Ford C201, Pin 16, CBB48, GY/YE, BJB fuse F48 (20A) keyswitch power, under hood.

Black wire from relay to ground stud on truck under dash.

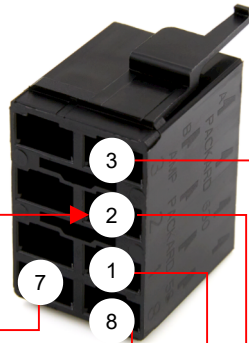


Red wire from relay to Pin 2 of porch / work light 3 way switch in cab

Yellow wire from relay is de-pinned and removed.



Porch / Work Light 3 Way Switch in cab



Pin 3 - Ford BCL33A, GY/RD - Switch

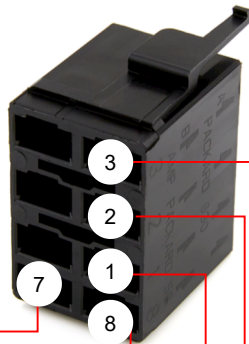
Key-OFF Power ONLY
Pin 2 - Red Wire - From Relay

Pin 1 - Ford BCL32A, VT/RD - Switch

Pin 7 - Ground to ground stud on truck

Pin 8 - Ford BCL31A, BU/GN - Indicator Light

Porch / Work Light 3 Way Switch in cab



Pin 3 - Ford BCL33A, GY/RD - Switch

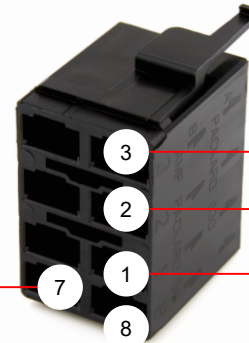
Key-OFF Power ONLY
Pin 2 - Red Wire - From Relay

Pin 1 - Ford BCL32A, VT/RD - Switch

Pin 7 - Ground to ground stud on truck

Pin 8 - Ford BCL31A, BU/GN - Indicator Light

Cargo / Dome Light 3 Way Switch in cab



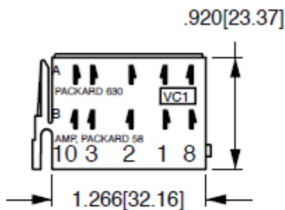
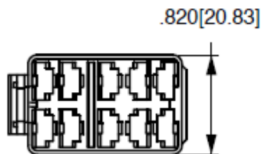
Pin 7 - Ground to ground stud on truck

Pin 8 - Ford BCL35A, YE/RD - Indicator light

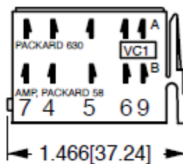
Pin 1 - Ford BCL34A, WH/RD - Switch

Pin 2 - Ford C240, Pin 1, SBP32, VT/RD, BCM fuse 32 (20A) constant power

Pin 3 - Ford BCL36A, BK/WH - Switch



MARKING DETAIL
FRONT VIEW

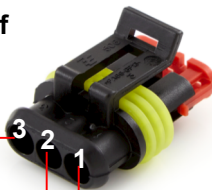


MARKING DETAIL
REAR VIEW

VC1
CONNECTOR HOUSING



Porch / Work Light connector at end of frame



Pin 3 - Ford BCL31A, BU/GN - Indicator Light

Pin 2 - Ford BCL32A, VT/RD - Switch

Pin 1 - Ford BCL33A, GY/RD - Switch

Cargo / Dome Light connector at end of frame



Pin 1 - Ford BCL35A, YE/RD - Indicator light

Pin 2 - Ford BCL34A, WH/RD - Switch

Pin 3 - Ford BCL36A, BK/WH - Switch

NATIONAL FLEET SERVICES
Safety, Quality, Delivery

UPS Ford F650
MY2024 Rev 4
LED switches to
Work light &
Dome light w/relay

PARTS

Supplier Part Number	Description	Source
NFSO-0112	rocker switch plug & pin assembly	NFS supplier
NFSO-0113	3-pin male plug housing, pins, cable seal at rear of frame	NFS supplier
NFSO-0114	3-pin female plug housing, pins, cable seal at rear of frame	NFS supplier
NFSO-0115	12V DC 30/40A 5-pin relay & 5-pin relay socket pigtail	NFS supplier
46023533	Cargo rocker switch	Morgan Olson
46029057	Work light rocker switch	Morgan Olson
230027404	Metal switch plate	Morgan Olson