

PLEASE NOTE: CJB IS LOCATED UNDER DASH AND THE BJB IS LOCATED OUTSIDE ON FIREWALL UNDER HOOD

2015 FORD OEM FUSE BLOCK DIAGRAM FR3 MODELS

CIRCUIT - D10 (GRN) IGNITION HOT IT POWERS: BACKUP CAMERA
CIRCUIT - D15 (YEL) IGNITION HOT IT POWERS: SHADE W/ IGN ON (VISOR)

CENTRAL JUNCTION BOX (CJB)

EXCEPT UPS

DAYTIME RUNNING LAMPS (DRL) PARK BRAKE RELAY

DAYTIME RUNNING LAMPS (DRL) ENABLE RELAY

ACCESSORY FEED 2, DIODE

BRAKE SHIFT INTERLOCK (BSI), DIODE

20 AMP
OEM TIE-IN: BRN/PNK STRIPE
CIRCUIT - BAT (RED)

THIS CIRCUIT IS BATTERY HOT
IT POWERS: RADIO MEMORY, SHADE OPTION

NOTE: 12V OUTLET IS NOW ON

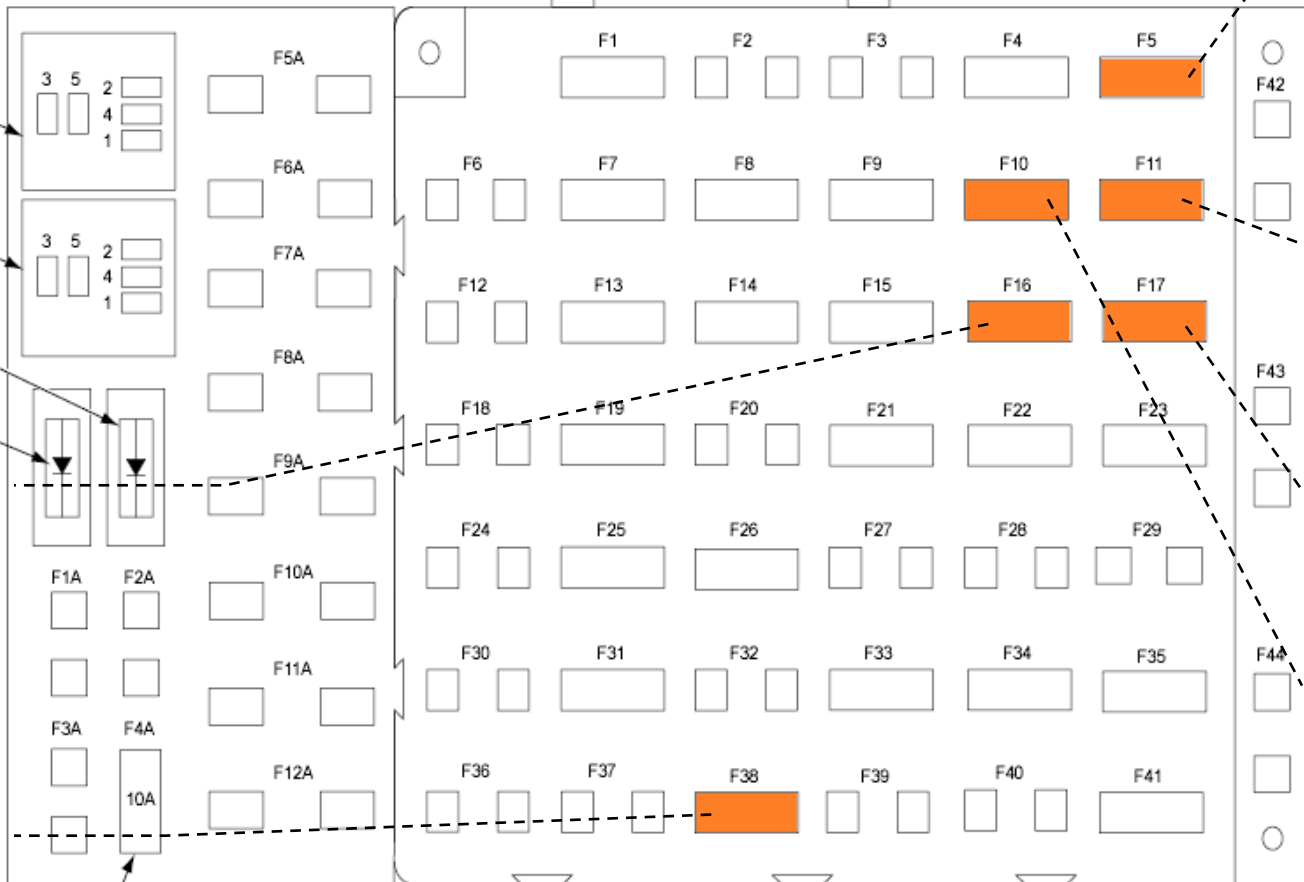
10 AMP
OEM TIE-IN: WHT/BLU STRIPE
CIRCUIT - IGN (GRY)

THIS CIRCUIT IS IGNITION HOT

IT POWERS: LIPPERT LEVELING

LED ACCENT LIGHTS & WINDSHIELD LOGO LIGHT
(SEE PAGE 3)

NOTE: MODELS AFTER UNIT (23868)



BRAKE SHIFT INTERLOCK (BSI), FUSE

LED HALO ACCENT LIGHTS IN HEADLIGHTS, FOG LIGHTS AND LED AWNING LIGHT
(SEE PAGE 3)

NOTE: MODELS BEFORE UNIT (23868)

TRAILER TOW RELAY, RIGHT TURN

TRAILER TOW RELAY, LEFT TURN

TURN RELAY, RIGHT

TURN RELAY, LEFT

10 AMP
OEM TIE-IN: WHT/PNK STRIPE
CIRCUIT - CSP (RED)

THIS CIRCUIT IS IGNITION HOT IT TRIGGERS: D10, D15, (RF75 AWNING LOCKOUT)

(NOTE FOG LIGHT SWITCH POWER HAS MOVED SEE PAGE 3 & 4)

30 AMP
IGNITION HOT
FORD WIPER CONTROL MODULE

THERE IS ALSO 4 AUTO RESET BREAKERS OUTSIDE UNDER THE HOOD FOR WIPER MOTOR 5A, 5A, 5A, 5A

RADIO
5 AMP
OEM TIE-IN: YEL/BLK STRIPE
CIRCUIT-RPI (RED/WHT)

THIS CIRCUIT IGNITION HOT IT POWERS RADIO

MAP LIGHTS
10 AMP
OEM TIE-IN: BLK/BLU STRIPE
CIRCUIT-DMAP (BLACK)

THIS CIRCUIT IS BATT HOT
SWITCH IS THUMB ROLLER ON FORD HEADLIGHT PANEL



PLEASE NOTE: MODELS AFTER (23950) HAVE NEW EVANS ELECTRIC HVAC SYSTEM AND THERE IS AN ADDITION FUSE (25A) BETWEEN THE FORD OEM (40A) AND THE EVANS TEMPCON SYSTEM IT IS LOCATED ON THE STEERING COLUMN JUST ABOVE THE PARK BRAKE.

2015 FORD OEM FUSE
BLOCK DIAGRAM FR3 MODELS

CENTRAL JUNCTION BOX (CJB)

EXCEPT UPS

*Body builder fuses

Fuse	Amps	Circuits protected	Fuse	Amps	Circuits protected
F1	20	Multifunction switch	F23	10	Instrument Cluster (IC)
F2	-	Not used	F24	-	Not used
F3	-	Not used	F25	10	*Right front low beam lamp feed
F4	10	Instrument Cluster (IC)	F26	10	Brake shift interlock
F5	10	*Accessory feed 1	F27	-	Not used
F6	-	Not used	F28	-	Not used
F7	15	Blower motor relay	F29	-	Not used
F8	10	Multifunction switch, Stoplamps feed, Trailer brake control module	F30	-	Not used
F9	20	Brake Pedal Position (BPP) switch, Multifunction switch	F31	10	*Left front low beam lamp feed
F10	10	Instrument Cluster (IC)	F32	-	Not used
F11	30	Wiper Control Module (WCM), Windshield wiper motor	F33	10	*Reversing lamps
F12	-	Not used	F34	10	*Trailer Reversing lamps, Trailer Reversing lamps switch
F13	10	Anti-lock Brake System (ABS) module	F35	20	*High beam lamp feed, Instrument Cluster (IC)
F14	10	Instrument Cluster (IC), Anti-lock Brake System module (ABS) (3 channel ABS)	F36	-	Not used
F15	15	Turn relay, left	F37	-	Not used
F16	20	*Fused battery feed	F38	10	*Run power circuit, Accessory feed 2
F17	5	*Radio feed	F39	-	Not used
F18	-	Not used	F40	-	Not used
F19	5	Daytime Running Lamps (DRL) park brake relay	F41	10	Main light switch illumination
F20	-	Not used	F42	-	Not used
F21	15	Turn relay, right	F43	-	Not used
F22	20	Trailer tow relay, left turn, Trailer tow relay, right turn	F44	-	Not used
			F4A	10	Brake Shift Interlock (BSI), diode

2015 FORD OEM FUSE BLOCK DIAGRAM FR3 MODELS

BATTERY JUNCTION BOX (BJB)

EXCEPT UPS

20 AMP
OEM TIE-IN: LTBLUE/WHT STRIPE
CIRCUIT – CIG (ORG)

THIS CIRCUIT IS BATTERY HOT
IT POWERS:
12V OUTLETS IN DASH

NOTE: THE 12V OUTLET HAS A 7.5 AMP INLINE
FUSE IN THE WIRING 6 INCHES BEHIND THE
OUTLETS.

20 AMP
OEM TIE-IN: HEADLIGHT HARNESS
CIRCUIT – MKR (BROWN)

THIS CIRCUIT IS HOT WITH PARKING LIGHTS ON
IT POWERS: ALL PARKING, MARKER, TAIL &
LICENSE PLATE LIGHTS & THE FOG LIGHT
SWITCH

PLEASE NOTE: (IGNITION POWER NO LONGER
POWERS FOG LIGHT SWITCH) FOG LIGHTS WILL
ONLY COME ON WHEN THE HEADLIGHT SWITCH
IS ENGAGED IN ATLEAST THE PARKING LIGHT
POSITION

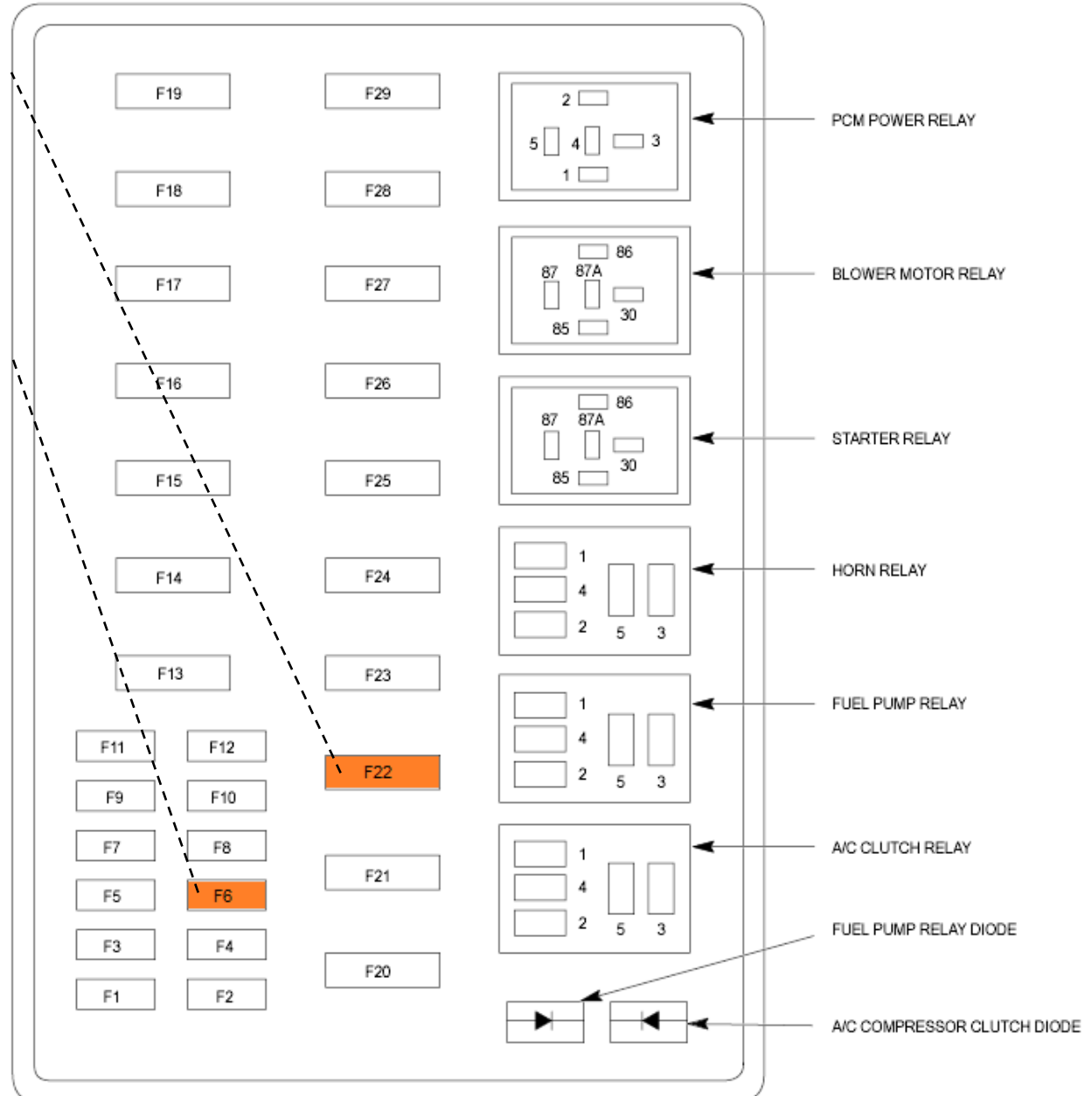
*FOG LIGHT RELAY POWER IS AN 15A FUSE IN A
INLINE FUSE HOLDER CONNECTED TO A STUD
LOCATED ON THE SIDE OF THIS FUSE BLOCK*

**HALO LED ACCENT LIGHTS AND LED AWNING LIGHT
ARE POWERED BY 7.5A FUSE IN AN INLINE FUSE
HOLDER CONNECTED TO SAME STUD AS FOG LIGHTS ON
SIDE OF THIS FUSE BLOCK.**

NOTE: MODELS BEFORE UNIT (23868)

**LED ACCENT LIGHTS AND LED WINDSHIELD LOGO ARE
POWERED BY 7.5A FUSE IN AN INLINE FUSE HOLDER
CONNECTED TO SAME STUD AS FOG LIGHTS ON SIDE OF
THIS FUSE BLOCK. AWNING SWITCH MOVED TO ENTRY
AREA POWERED BY (H08) CIRCUIT 7.5A FUSE IN THE
DISTRIBUTION PANEL.**

**NOTE: MODELS AFTER UNIT (23868) WITH NEW FRONT
CAP**



2015 FORD OEM FUSE
BLOCK DIAGRAM FR3 MODELS

BATTERY JUNCTION BOX (BJB)

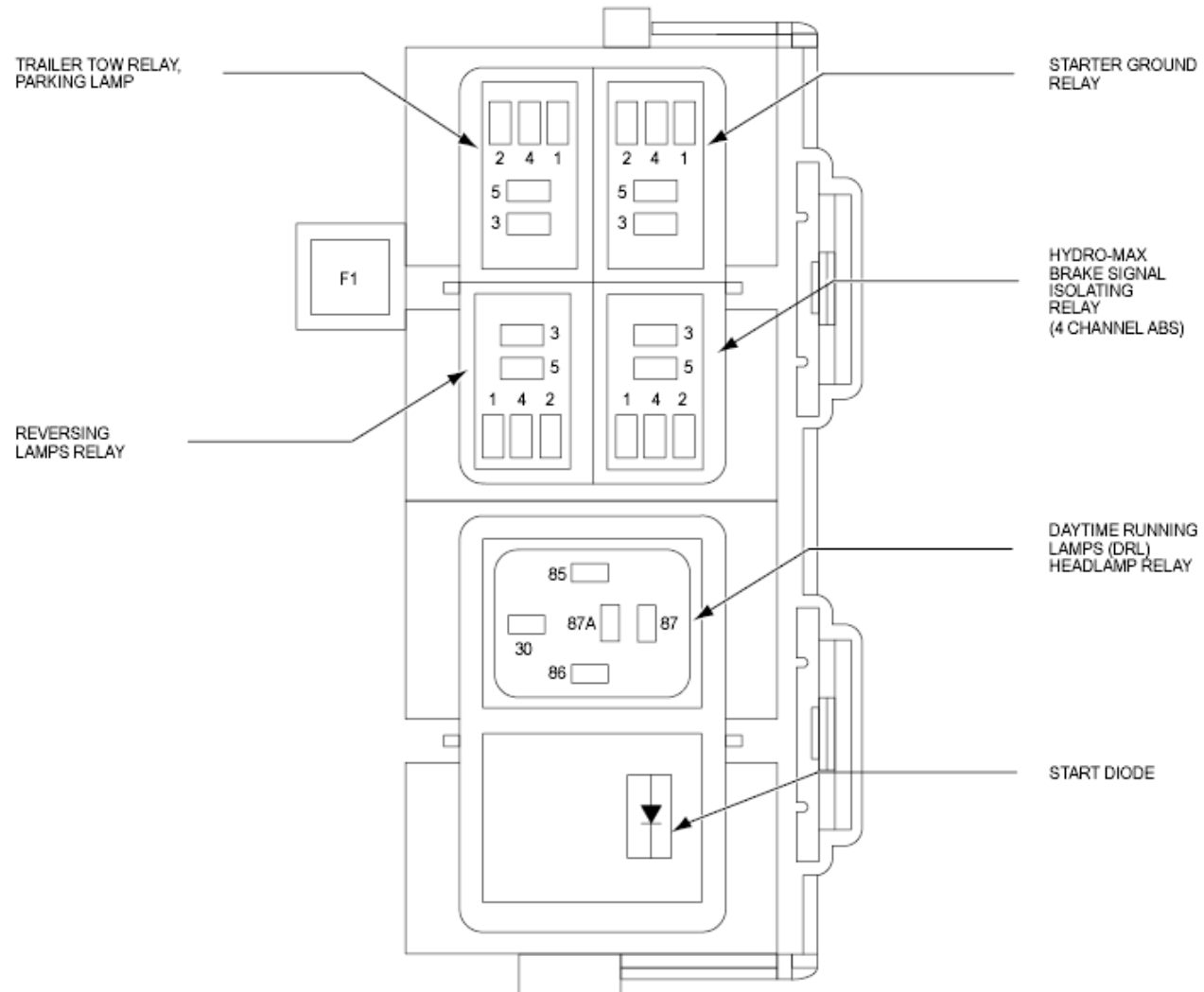
EXCEPT UPS

Fuse	Amps	Circuits protected
F1	5	Anti-lock Brake System (ABS) module (4 channel ABS)
F2	10	A/C clutch relay
F3	20	Evaporative Emission (EVAP) purge valve, A/C clutch relay, Universal Heated Oxygen, (HO2S) sensors, Mass Airflow/Intake Air Temperature (MAF/IAT) sensor, Intake Manifold Tuning Valve (IMTV)
F4	5	Powertrain Control Module (PCM), PCM power relay, Evaporative Emissions (EVAP) canister vent valve
F5	20	Powertrain Control Module (PCM)
F6	20	Main light switch, Parking, Rear and license lamps, Trailer tow relay, Parking lamps
F7	20	Coil on plugs, Ignition transformer capacitor
F8	30	Anti-lock Brake System (ABS) module (4 channel ABS)
F9	10	Starter relay, Starter ground relay, Powertrain Control Module (PCM), Start Diode
F10	20	Daytime running lamps resistor, Non-daytime running lamps jumper, Daytime running lamps (DRL) headlamps relay
F11	20	Fuel pump relay diode, Powertrain Control Module (PCM)
F12	25	Reversing lamps relay
F13	30	Trailer electronic brake control module
F14	60	Central Junction Box (CJB) - F9, F15, F21
F15	20	Trailer tow relay, parking lamp
F16	60	Anti-lock Brake System (ABS) module (4 channel ABS)
	40	Anti-lock Brake System (ABS) module (3 channel ABS)
F17	20	Horn relay
F18	20	Transmission control switch, Reversing lamps relay
F19	-	Not used
F20	30	PCM power relay
F21	20	Fuel pump relay
F22	20	Cigar lighter, Data Link Connector (DLC)
F23	40	Blower motor relay
F24	50	Central Junction Box (CJB) - F4, F10, F16, F22
F25	40	Ignition switch
F26	40	Ignition switch
F27	30	Multifunction switch, Main light switch
F28	30	Starter relay
F29	60	Hydro-max relay (4 channel ABS), Auxiliary relay box 1 - F1 (4 channel ABS)
	40	Anti-lock Brake System (ABS) module (3 channel ABS)

**2015 FORD OEM FUSE
BLOCK DIAGRAM FR3 MODELS**

AUXILIARY RELAY BOX 1

EXCEPT UPS



Fuse	Amps	Circuits protected
F1	10	Hydro-max brake signal isolating relay (4 channel ABS)