

ALL CIRCUIT NEUTRAL CONDUCTORS NOT SHOWN FOR CLARITY

Diagram illustrating the wiring connections for a 16-circuit load center (LC) to a generator output circuit breaker and a 240VAC main distribution panel.

Connections to the 240VAC TO MAIN DISTRIBUTION PANEL:

- WHT (White) - NEUTRAL
- RED (Red) - MAIN 2
- BLK (Black) - MAIN 1
- GRN (Green) - GRD (Ground)

Connections to the EXTERNAL CONNECTION BOX (TO GENERATOR OUTPUT CIRCUIT BREAKER):

- WHT (White) - NEUTRAL
- GRN (Green) - GRN (Ground)
- BLK (Black) - MAIN 1
- RED (Red) - MAIN 2

Internal Connections within the 16-Circuit Load Center:

- WHT (White) - NEUTRAL
- WHT (White) - MAIN 1
- BLK (Black) - MAIN 2
- RED (Red) - MAIN 2

Internal Connections within the 16-Circuit Load Center (Circuit Breakers):

- CIRCUIT 1, 3, 5, 7, 9, 11, 13, 15 - WHT (White) - NEUTRAL
- CIRCUIT 2, 4, 6, 8, 10, 12, 14, 16 - BLK (Black) - MAIN 1

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- NEUTRAL (WHT)
- MAIN 2 (RED)
- MAIN 1 (BLK)
- GRD (GRN)

Connections to the EXTERNAL CONNECTION BOX (TO GENERATOR OUTPUT CIRCUIT BREAKER):

- WHT
- GRN
- BLK
- RED

Internal Connections within the Load Center:

- WHT (Neutral)
- WHT (Ground)
- BLK (Main 1)
- RED (Main 2)
- LC (Load Center)
- A (Circuit 16)
- B (Circuit 14)

Circuit Breaker Connections:

- CIRCUIT 1
- CIRCUIT 3
- CIRCUIT 5
- CIRCUIT 7
- CIRCUIT 9
- CIRCUIT 11
- CIRCUIT 13
- CIRCUIT 15
- CIRCUIT 16
- CIRCUIT 14
- CIRCUIT 12
- CIRCUIT 10
- CIRCUIT 8
- CIRCUIT 6
- CIRCUIT 4
- CIRCUIT 2

Notes:

- ALL CIRCUIT NEUTRAL CONDUCTORS NOT SHOWN FOR CLARITY
- WHT: White (Neutral)
- RED: Red (Main 2)
- BLK: Black (Main 1)
- GRN: Green (Ground)
- LC: Load Center
- A, B: Circuit Breaker Labels

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- GRN (Green) - GRN (Ground)
- BLK (Black) - MAIN 1
- RED (Red) - MAIN 2

Internal Connections within the 16-Circuit Load Center:

- WHT (White) - NEUTRAL
- WHT (White) - MAIN 1
- BLK (Black) - MAIN 2
- RED (Red) - MAIN 2

Internal Connections within the 16-Circuit Load Center (Circuit Load Centers):

- CIRCUIT 1, CIRCUIT 3, CIRCUIT 5, CIRCUIT 7, CIRCUIT 9, CIRCUIT 11, CIRCUIT 13, CIRCUIT 15
- CIRCUIT 16, CIRCUIT 14, CIRCUIT 12, CIRCUIT 10, CIRCUIT 8, CIRCUIT 6, CIRCUIT 4, CIRCUIT 2

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Internal Connections within the 16-Circuit Load Center (Circuit Load Centers):

- CIRCUIT 1, CIRCUIT 3, CIRCUIT 5, CIRCUIT 7, CIRCUIT 9, CIRCUIT 11, CIRCUIT 13, CIRCUIT 15
- CIRCUIT 16, CIRCUIT 14, CIRCUIT 12, CIRCUIT 10, CIRCUIT 8, CIRCUIT 6, CIRCUIT 4, CIRCUIT 2

