

Section 5

Power and Signal Distribution

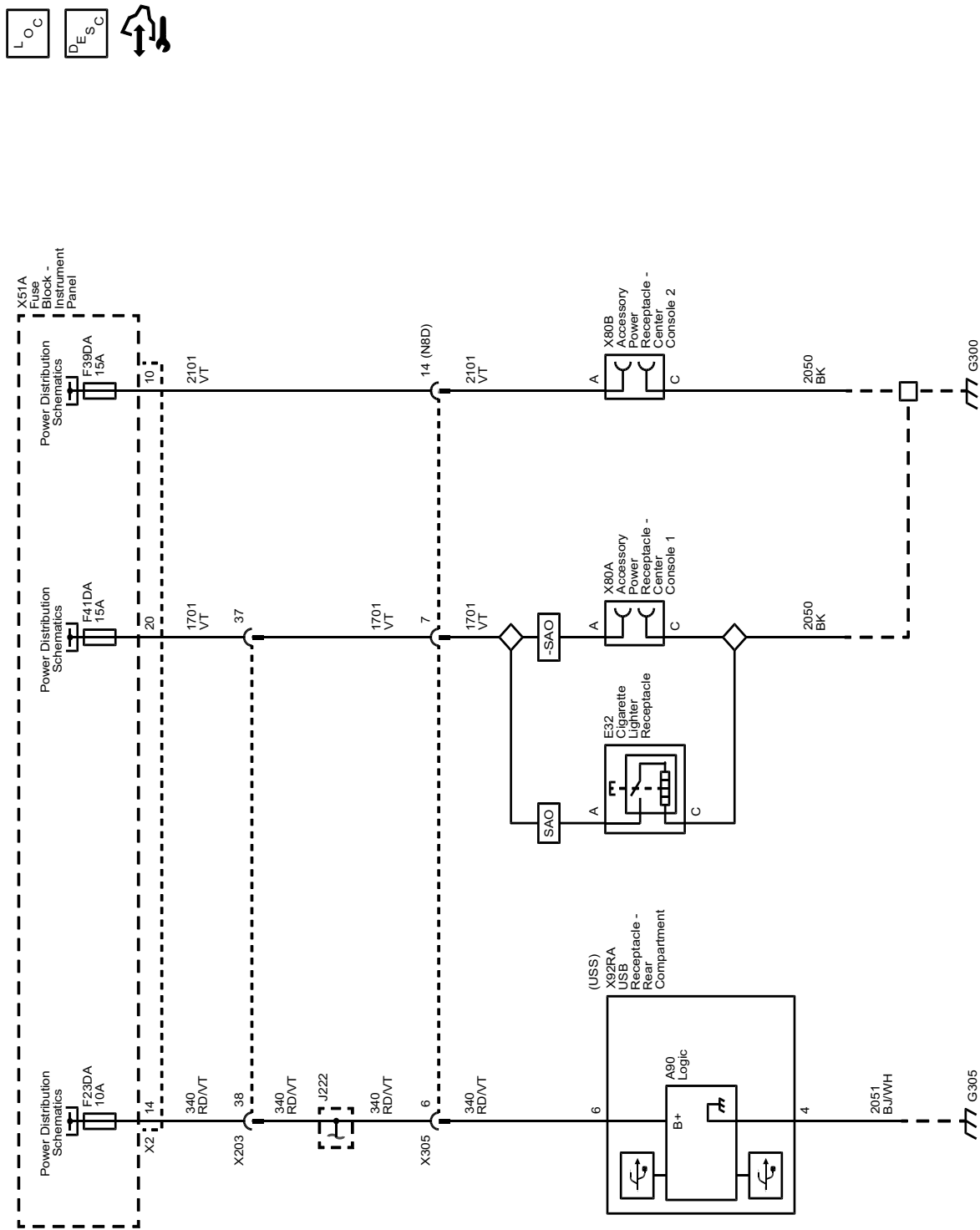
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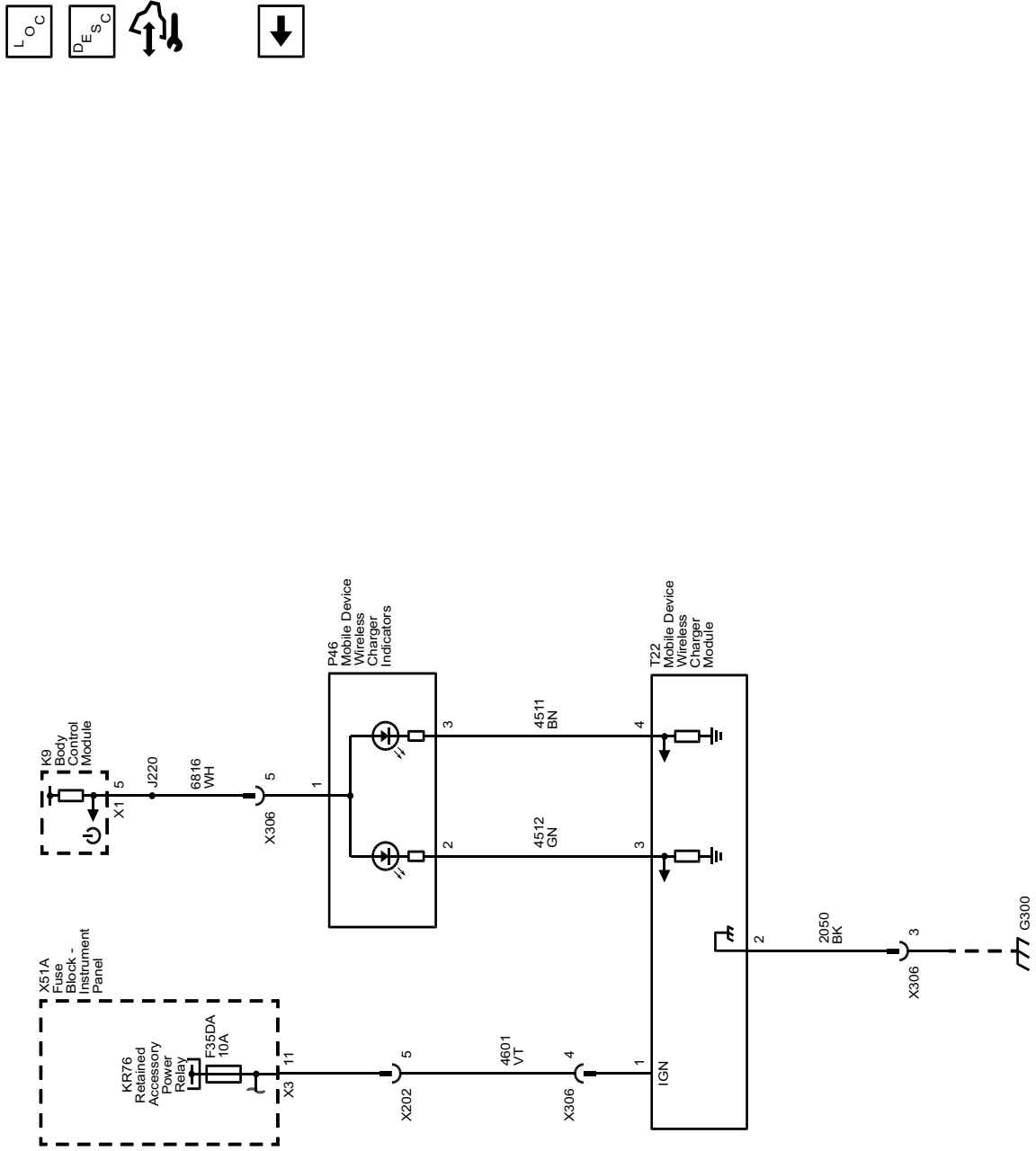
Power Outlets

Schematic and Routing Diagrams

Cigar Lighter/Power Outlet Schematics (12-Volt DC Power Outlets)



Cigar Lighter/Power Outlet Schematics (Wireless Charging (K4C))



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Description and Operation

Power Outlets Description and Operation

Power Outlet Receptacle Description and Operation

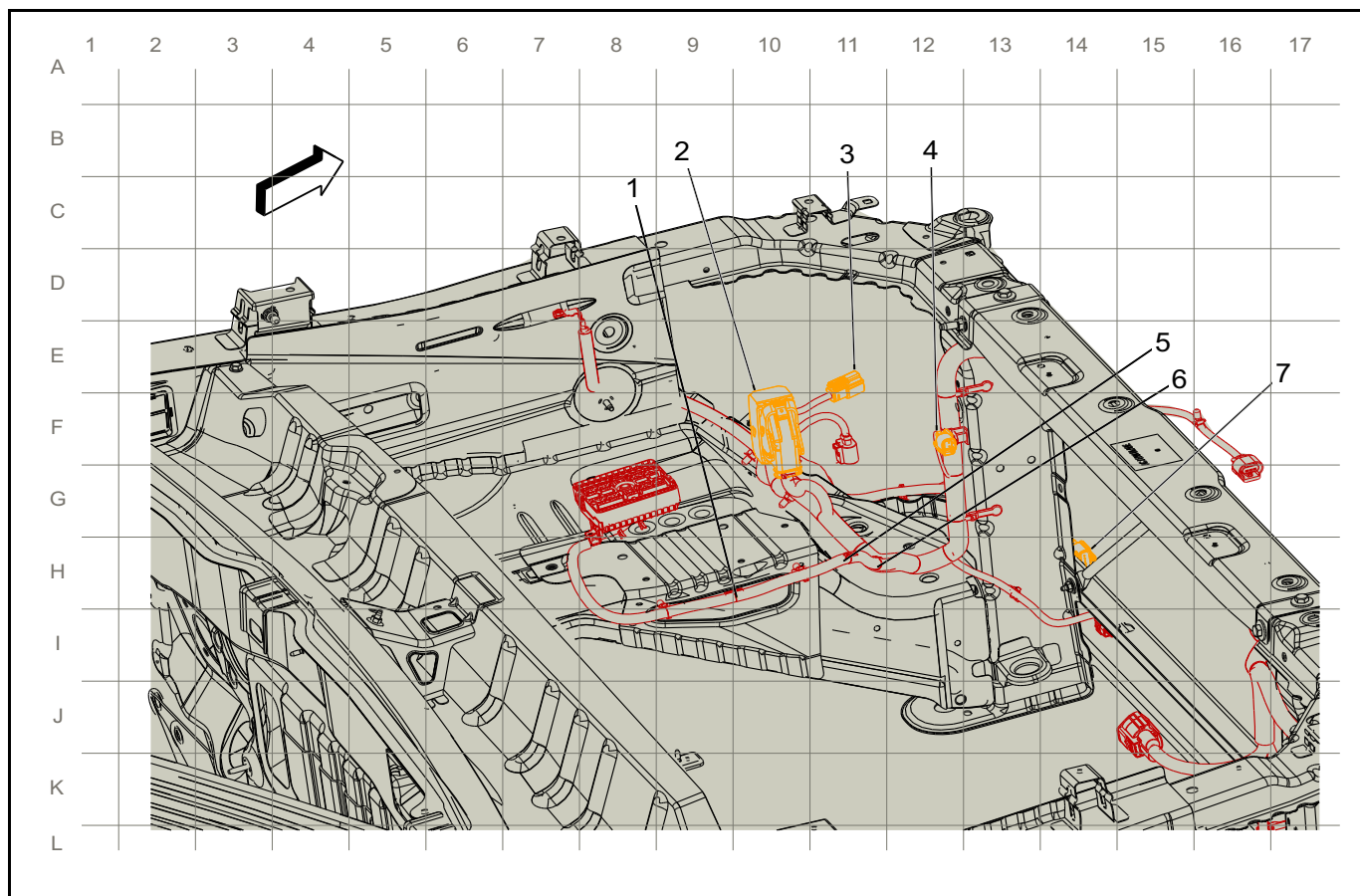
The vehicle is fitted with 12 V accessory power receptacles. The accessory power receptacles are controlled by an ignition operated relay. The accessory

power receptacles are operational when the ignition is turned to either the On or the Accessories positions. The accessory power receptacles may be configured to be operational when the ignition is Off by changing the position of the 50A fuse from the F44DA position to the F40DA position in the instrument panel fuse block.

Wiring Systems and Power Management

Schematic and Routing Diagrams

Harness Routing Views (Forward Lamp Harness Routing - Left Engine Compartment)

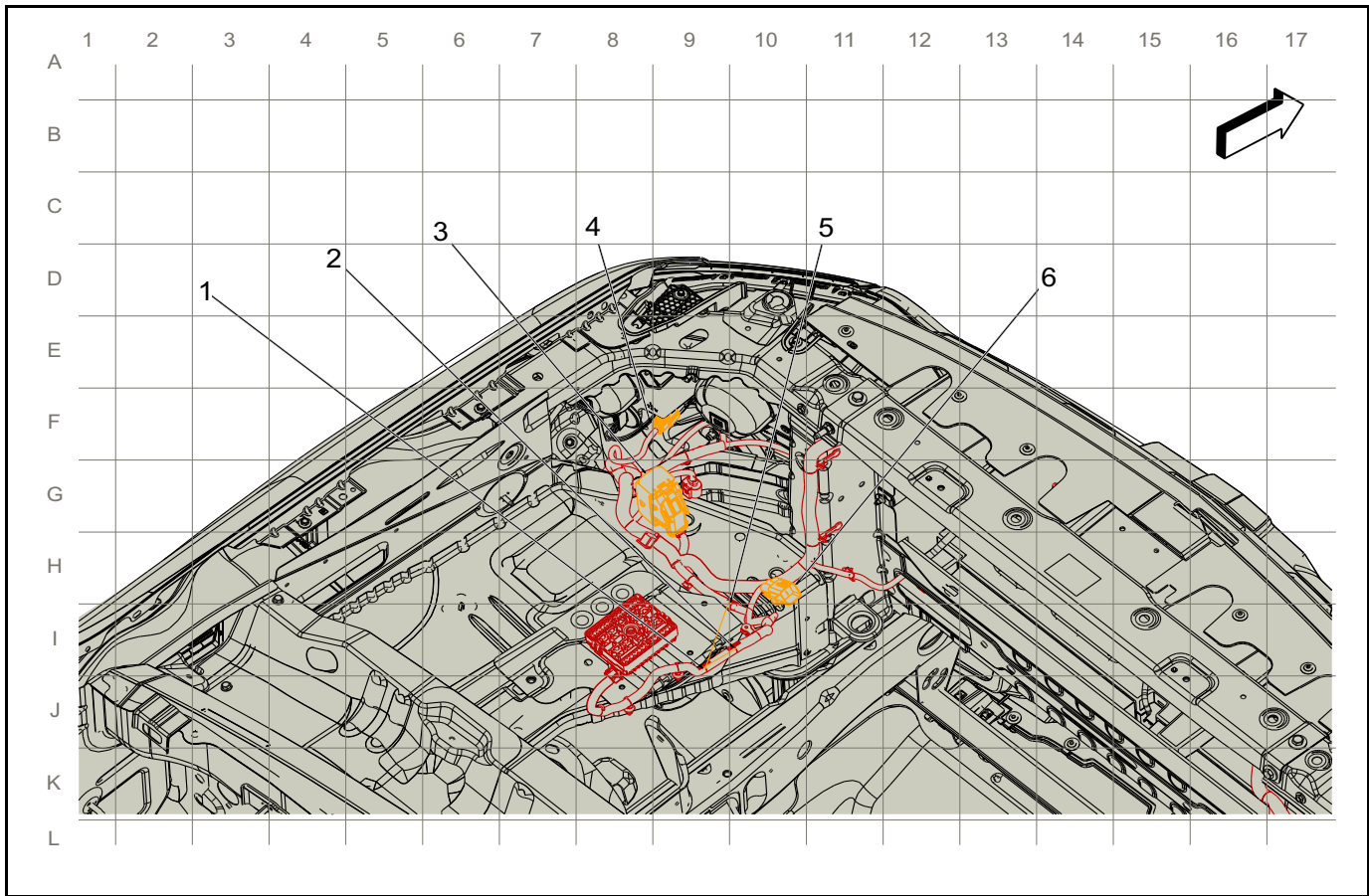


3924711

Items

- | | |
|--|--|
| (1) J117 Forward Lamp Harness | (5) J118 Forward Lamp Harness |
| (2) X102 Forward Lamp Harness to Body Harness (48 cavities) | (6) J119 Forward Lamp Harness |
| (3) X110 Forward Lamp Harness to Left Front Lamp Harness (6 cavities) | (7) X105 Forward Lamp Harness to Ambient Temperature Sensor Extension Harness (6 cavities) |
| (4) X104 Forward Lamp Harness to Forward Lamp Extension Harness (2 cavities) (LCV) | |

Harness Routing Views (Forward Lamp Harness Routing - Left Engine Compartment (LWN))

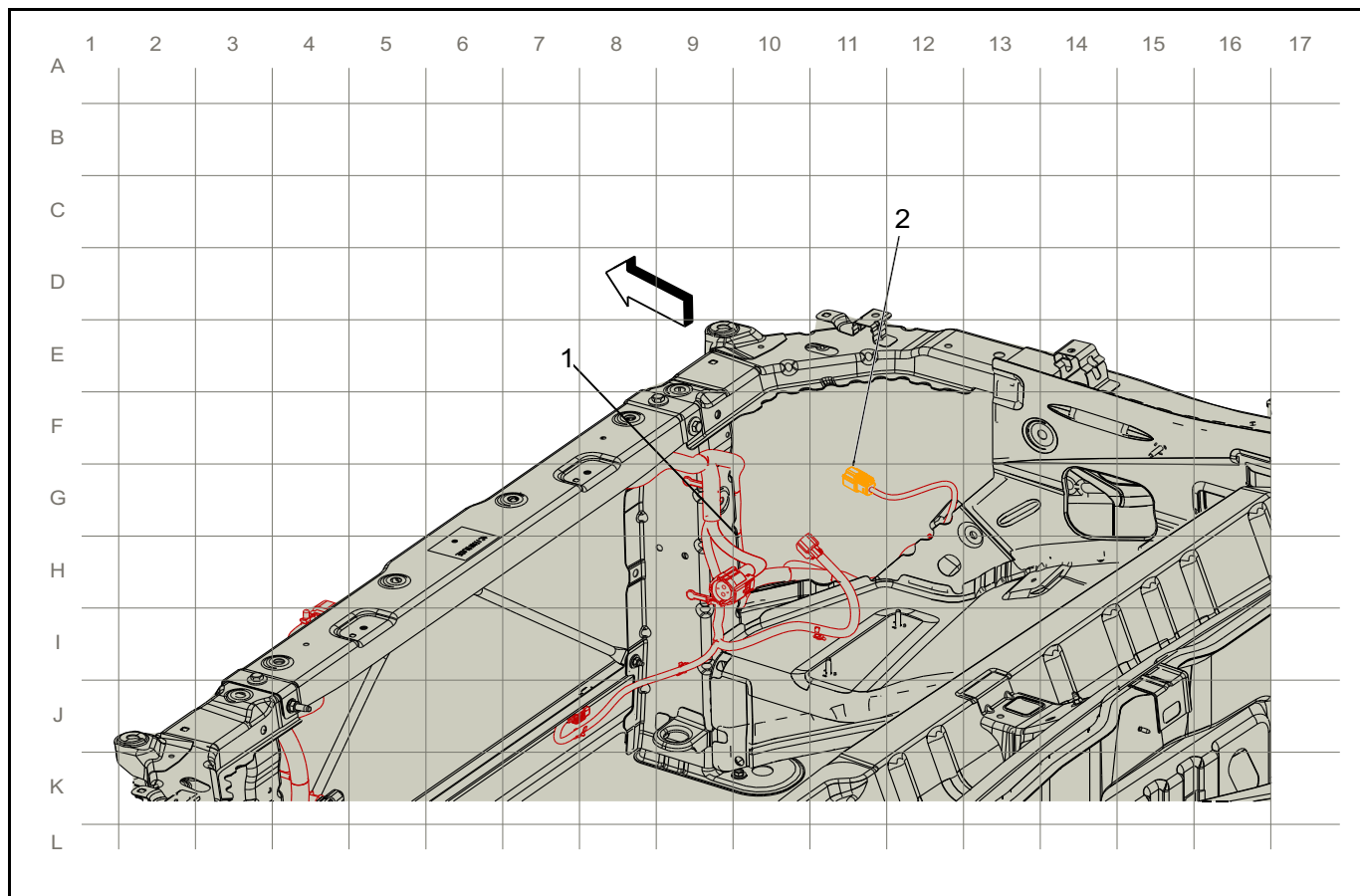


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Items

- | | |
|---|--|
| (1) J117 Forward Lamp Harness | (5) J119 Forward Lamp Harness |
| (2) J118 Forward Lamp Harness | (6) X109 Engine Harness to Forward Lamp Harness (4 cavities) (LWN) |
| (3) X102 Forward Lamp Harness to Body Harness (48 cavities) | |
| (4) X110 Forward Lamp Harness to Left Front Lamp Harness (6 cavities) | |

Harness Routing Views (Forward Lamp Harness Routing - Right Engine Compartment)

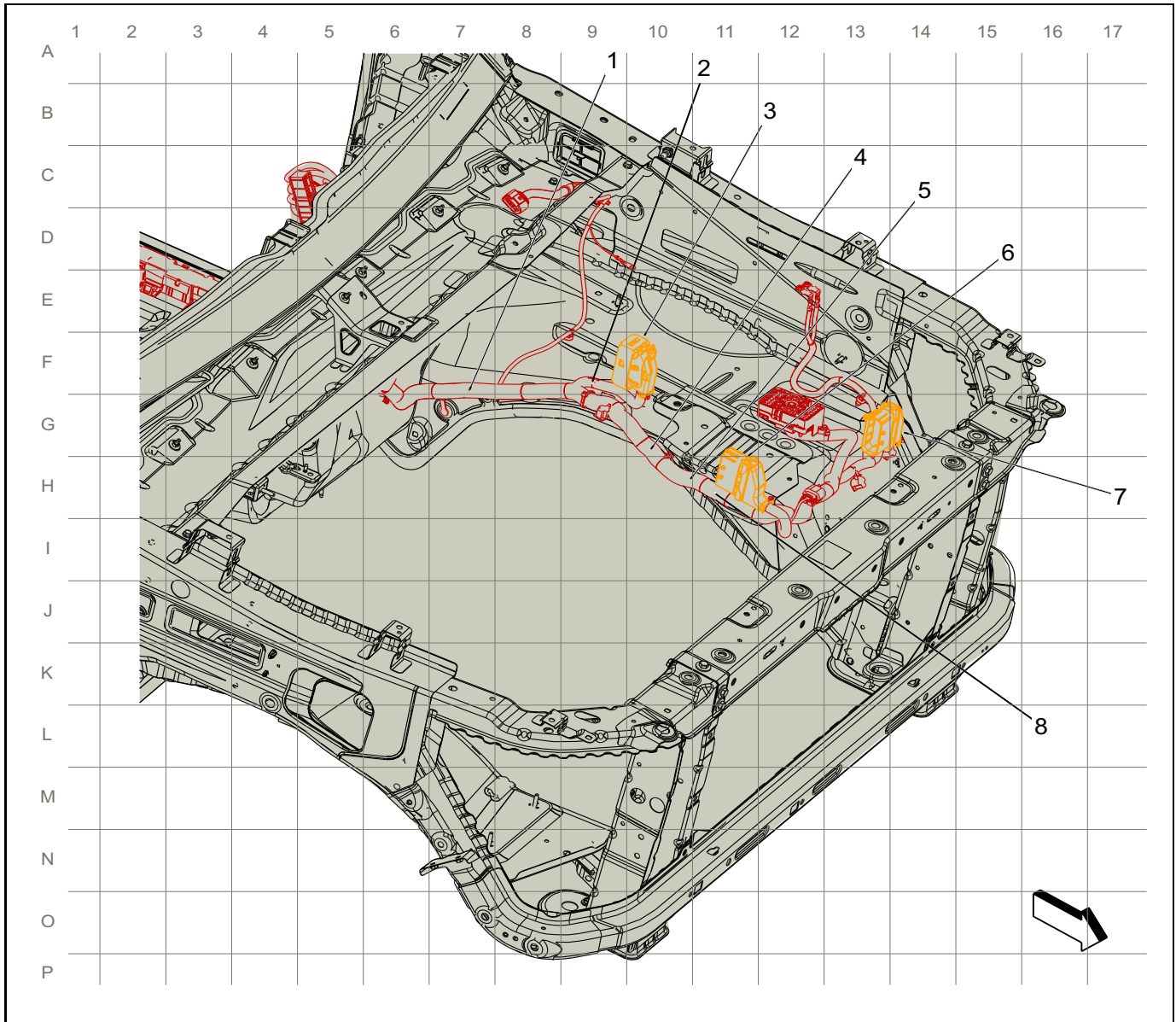


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Items

- (1) J120 Forward Lamp Harness
- (2) X120 Forward Lamp Harness to Right Front Lamp Harness (6 cavities)

Harness Routing Views (Body Harness Routing - Left Engine Compartment (LCV/LGZ))

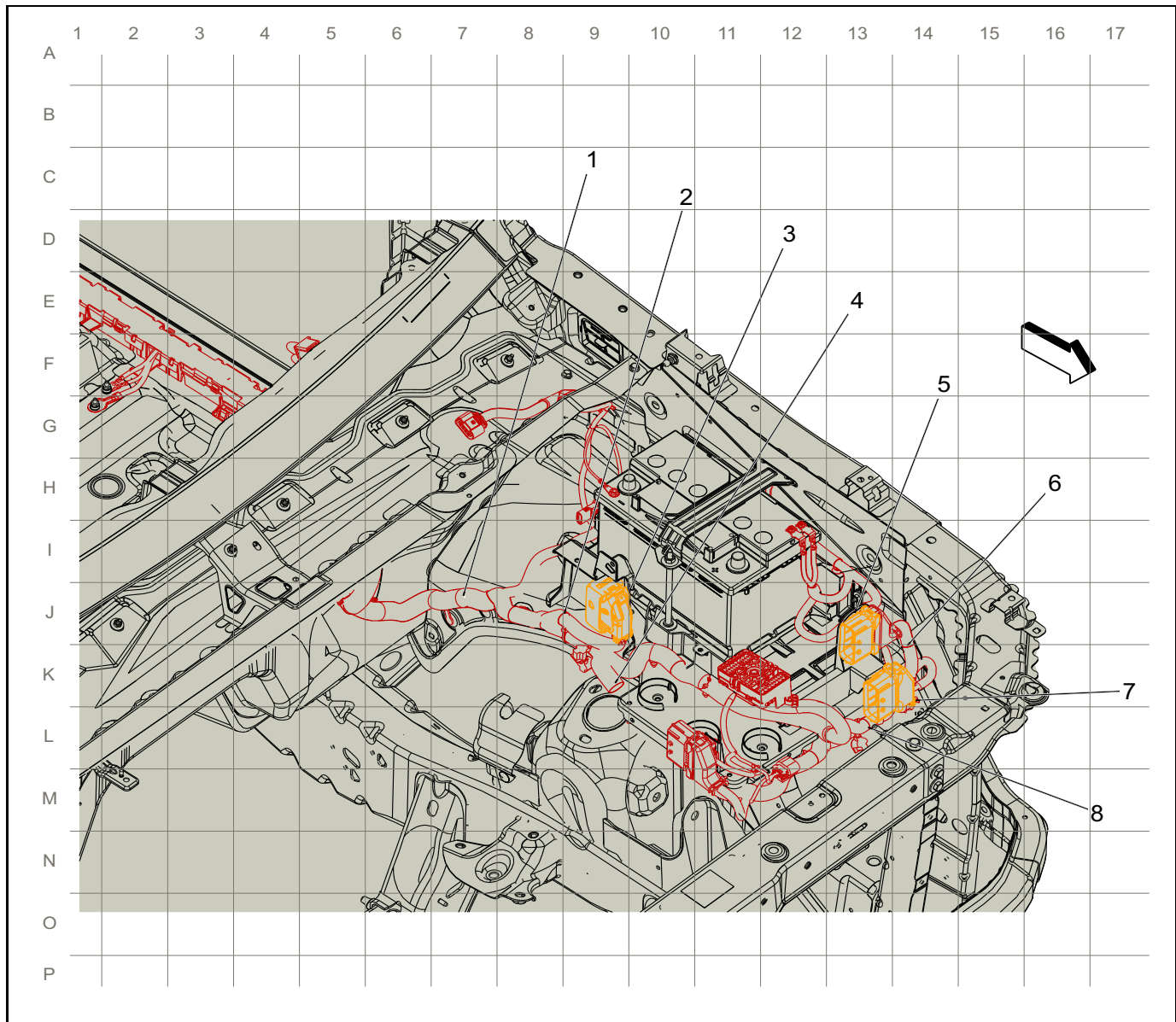


4122608

Items

- | | |
|--|---|
| (1) J103 Body Harness | (6) X101 Engine Harness to Body Harness (48 cavities) |
| (2) J102 Body Harness | (7) X102 Forward Lamp Harness to Body Harness (48 cavities) |
| (3) X106 Body Harness to Chassis Harness (48 cavities) | (8) J100 Body Harness |
| (4) J123 Body Harness | |
| (5) J101 Body Harness | |

Harness Routing Views (Body Harness Routing - Left Engine Compartment (LWN))

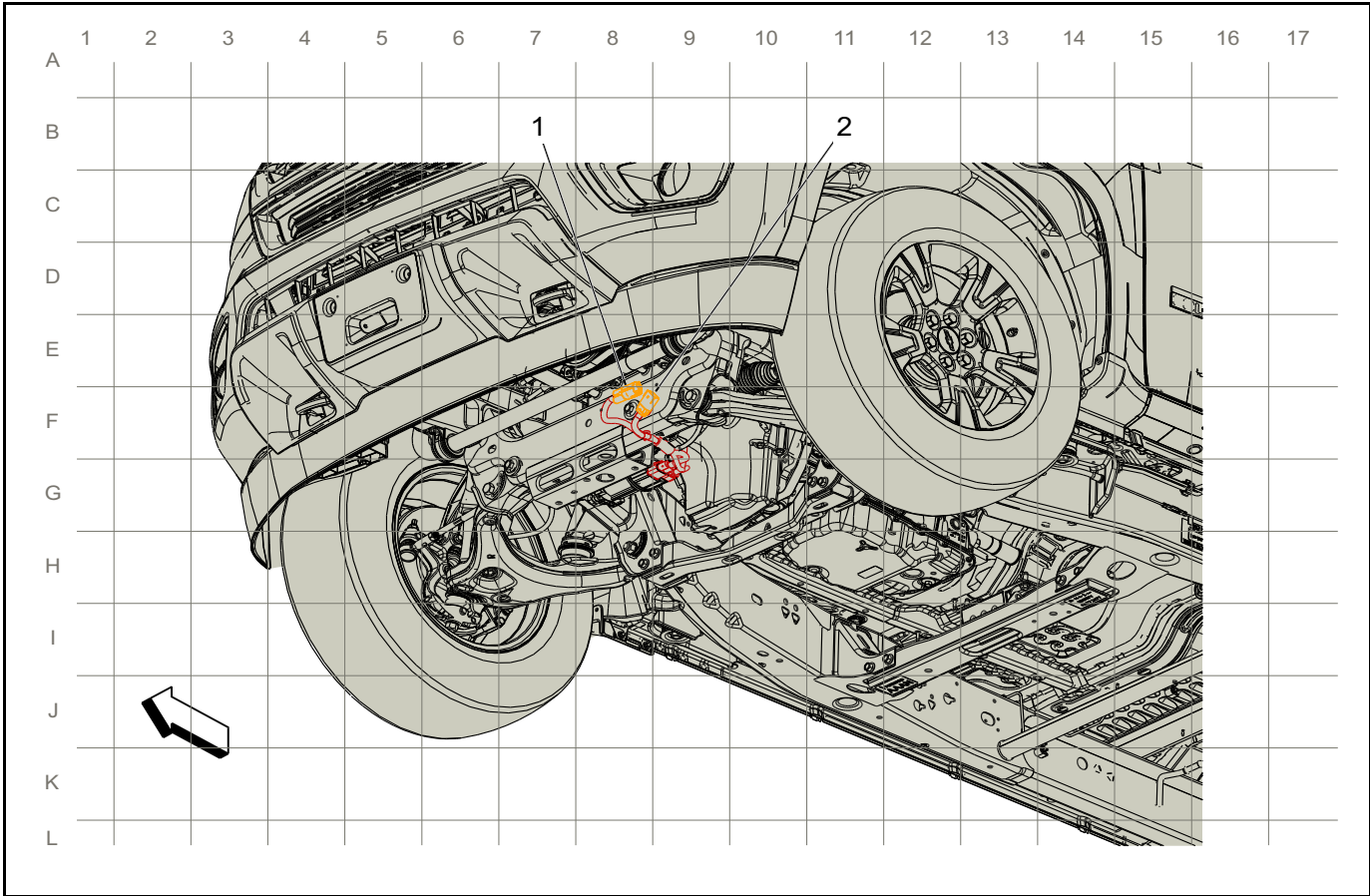


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Items

- | | |
|--|---|
| (1) J103 Body Harness | (6) J101 Body Harness |
| (2) J102 Body Harness | (7) X102 Forward Lamp Harness to Body Harness (48 cavities) |
| (3) X106 Body Harness to Chassis Harness (48 cavities) | (8) J100 Body Harness |
| (4) J123 Body Harness | |
| (5) X101 Engine Harness to Body Harness (48 cavities) | |

Harness Routing Views (Body Harness Routing - Center Engine Compartment)

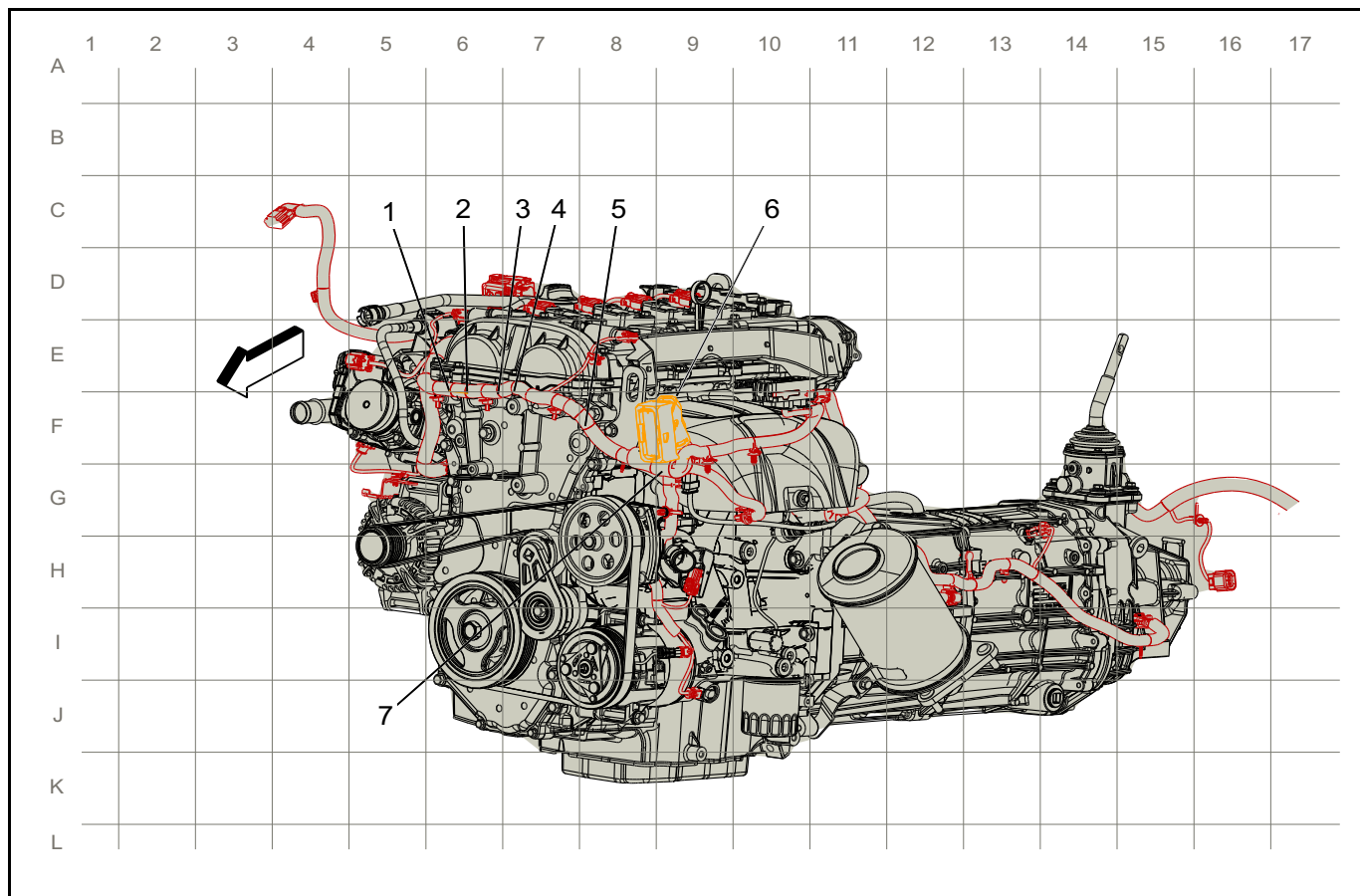


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Items

- (1) X100 Battery Cable Harness to Power Steering Harness (4 cavities)
- (2) X103 Chassis Harness to Power Steering Harness (16 cavities)

Harness Routing Views (Engine Harness Routing - Left Front (LCV))



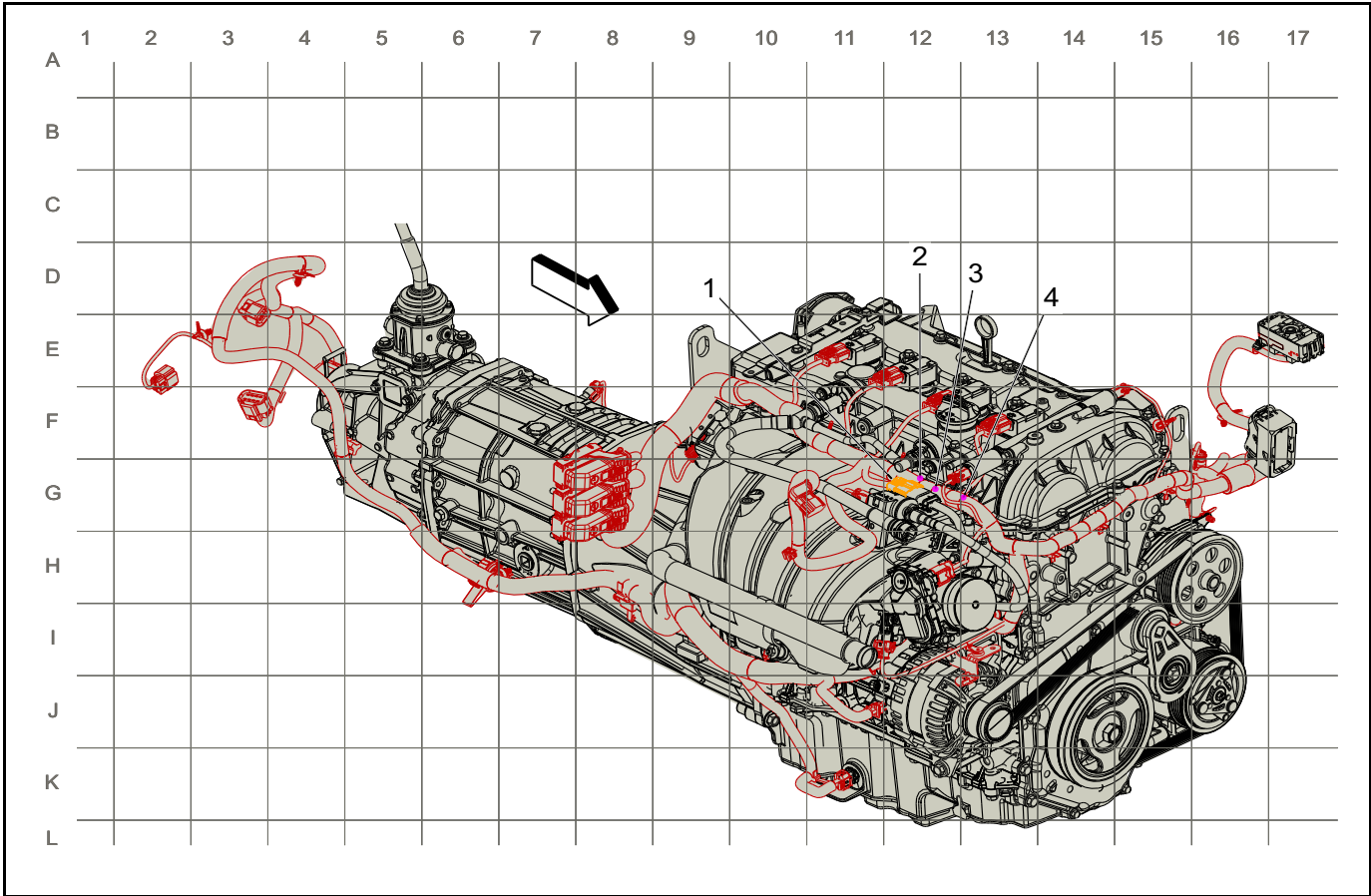
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Items

- (1) J111 Engine Harness
- (2) J109 Engine Harness
- (3) J107 Engine Harness
- (4) J110 Engine Harness
- (5) J108 Engine Harness (LCV)

- (6) X101 Engine Harness to Body Harness (48 cavities)
- (7) J106 Engine Harness

Harness Routing Views (Engine Harness Routing - Right Front Top (LCV))



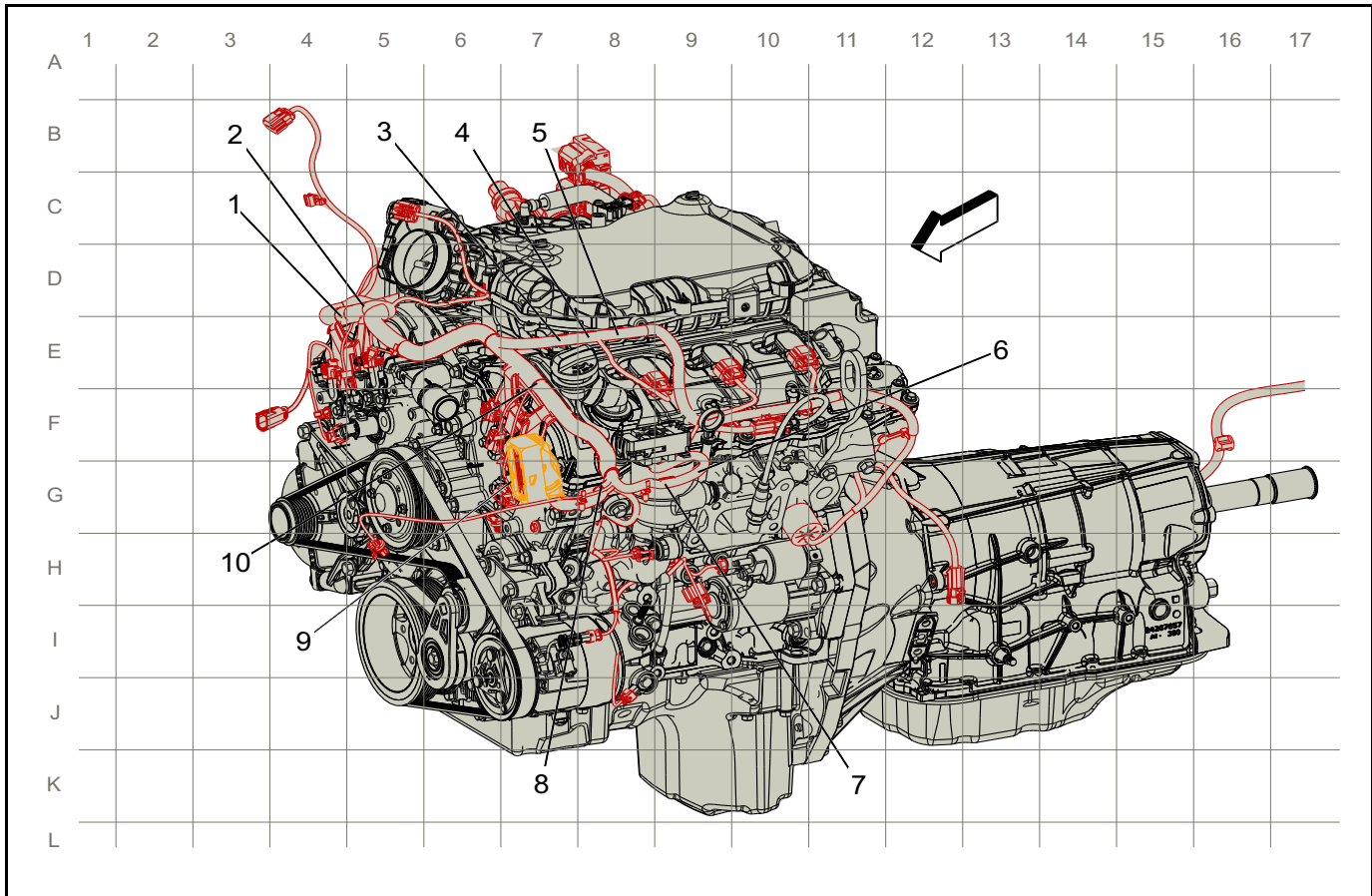
3924807

Items

- (1) X160 Engine Harness to Fuel Injector Harness (12 cavities)
- (2) J112 Engine Harness (LCV)
- (3) J113 Engine Harness

- (4) J114 Engine Harness

Harness Routing Views (Engine Harness Routing - Front (LGZ))

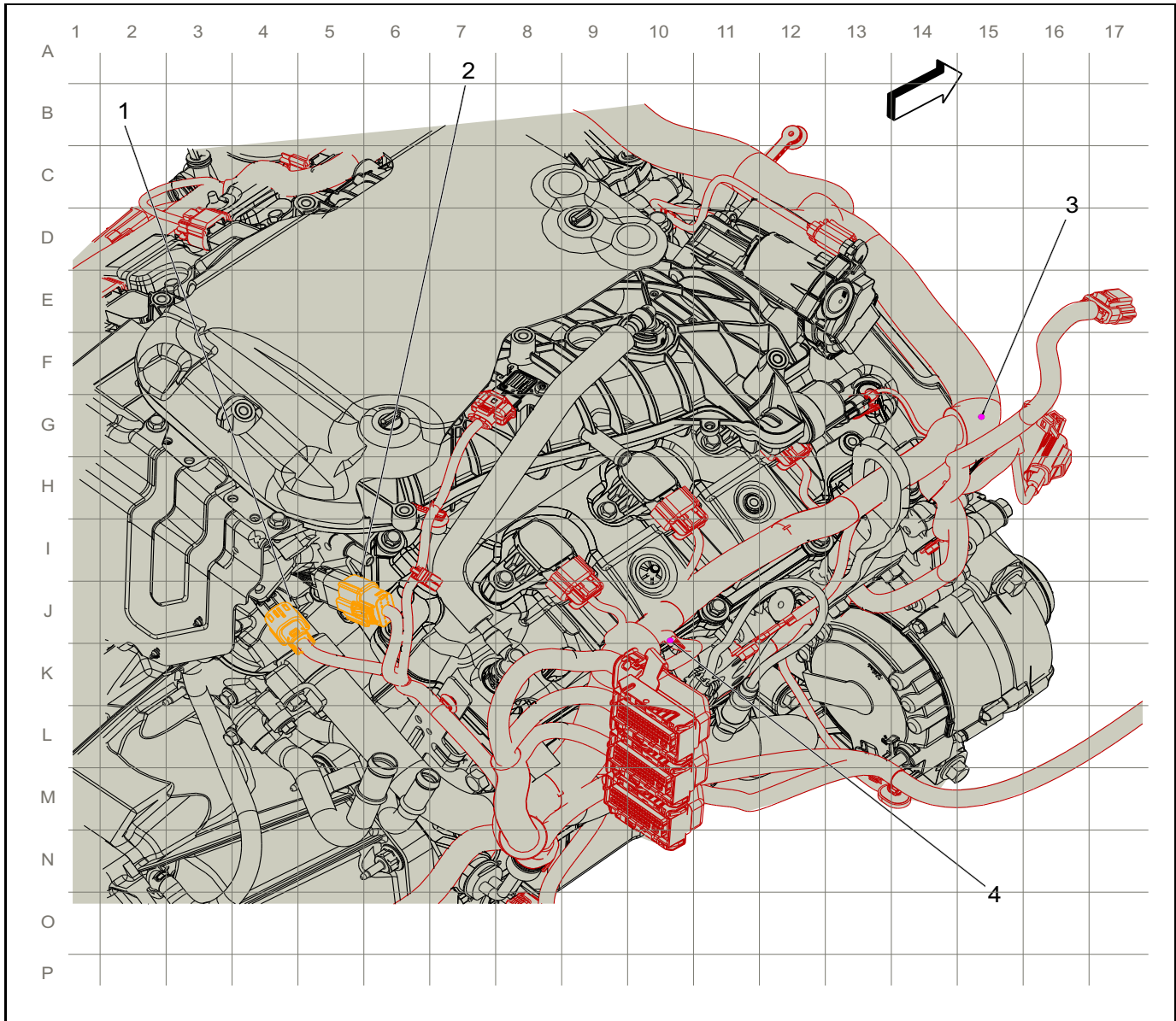


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Items

- | | |
|-------------------------------|---|
| (1) J114 Engine Harness | (7) J107 Engine Harness |
| (2) J110 Engine Harness | (8) J106 Engine Harness |
| (3) J109 Engine Harness | (9) X101 Engine Harness to Body Harness (48 cavities) |
| (4) J111 Engine Harness | (10) J115 Engine Harness (LGZ) |
| (5) J116 Engine Harness (LGZ) | |
| (6) J113 Engine Harness | |

Harness Routing Views (Engine Harness Routing - Rear (LGZ))



4176064

Items

- | | | | |
|-----|---|-----|---------------------|
| (1) | X160 Engine Harness to Fuel Injector Harness (12 cavities) | (3) | J128 Engine Harness |
| (2) | X161 Engine Harness to Fuel Injector - Even Harness (12 cavities) (LGZ) | (4) | J129 Engine Harness |