

1966 Galaxie 7-Litre Wire Harnesses

by Roger Towne, December 2017

If you are going to replace your harnesses, you need to start by looking up the production date of your vehicle. If you don't have it already, you can copy the data on your door tag and decipher it by looking at the Date/DSO tag information on the 7-Litre website here: <http://www.7litre.org/doortag.html>

For the engine bay, there are at least 5 different harnesses including Headlight, Engine gauge, Alternator, Wiper and Heater. Typically, the rest of the harnesses include Body (AKA Tail lamp), Dash to Instrument Panel, Flasher, Front Door Courtesy Lights, Backup Lights and Trunk Light harness.

This list does not cover 427 cars or special accessories such as the "Safety Convenience Panel".

Below are the part numbers for each (depending on your date code) followed by a description of where the wire harness is routed and what it attaches to. Also included are the Ford factory wire diagrams as provided in the Ford Master Parts Catalog (1975 edition). Further below are links to the best prices available on the internet at the time of this publishing.

Harness Descriptions & Attachment Points

Headlight harness - C6AZ-14290-A (before 2/1/66) or C6AZ-14290-H (after 2/1/66)

- Goes from firewall connector at bottom drivers side along drivers fenderwell (under fender) to drivers headlight buckets/turn signal socket, windshield wash motor, drivers horn, voltage regulator, then across upper radiator support to passenger horn & headlight buckets/turn signal socket
- Attaches to:
 - o Drivers headlight buckets
 - o Drivers turn signal socket
 - o Windshield wash motor
 - o Drivers horn
 - o Voltage regulator
 - o Passenger horn
 - o Passenger headlight buckets
 - o Passenger turn signal socket

Engine Gauge harness - C5AZ-14289-K (before 2/1/66) or C6AZ-14289-K (after 2/1/66)

- Goes from firewall down at drivers side, across top of cowl, branches to passenger fenderwell (under fender) and on to solenoid, other branch goes to engine, on to coil, AC, oil/temp sensors
- Attaches to:
 - o Solenoid
 - o Coil
 - o AC compressor
 - o Oil pressure sensor
 - o Water Temp sensor

Wiper harness - C6AZ-17B587-C (single speed) or C6AZ-17B587-D (dual)

- Goes from wiper switch in dash, through firewall, up to windshield wash more
- Attaches to:
 - o Wiper switch
 - o Wiper motor

Alternator harness - C5AZ-14305-F (with 53A Leece-Neville Alternator, before 2/1/66); C6AZ-14289-K (with 53A Leece-Neville Alternator, after 2/1/66); C5AZ-14305-H (with 60A Leece-Neville Alternator, before 2/1/66); C6AZ-14289-M (with 60A Leece-Neville Alternator, after 2/1/66); C5AZ-14305-P (with 42A or 55A Ford Alternator, before 2/1/66); C6AZ-14289-G (with 42A or 55A Ford Alternator and no AC or TE, after 2/1/66); C6AZ-14289-H (with 42A or 55A Ford Alternator and AC & TE, after 2/1/66)

- Goes from voltage regulator down along bottom of radiator support, then to solenoid and on to alternator
- Attaches to:
 - o Voltage regulator
 - o Solenoid
 - o Alternator

Heater Switch to Heater Motor harness - C5AZ-18A586-A

- Goes from heater switch in instrument panel through firewall to heater resistor and heater motor at the heater core
- Attaches to:
 - o Heater switch in instrument panel
 - o Heater resistor and heater motor at heater core on firewall

Body (AKA Tail Lamp) harness – C6AZ-14405-E (before 1/17/66) or C6AZ-14405-M (after 1/17/66)

- Goes from drivers side underneath dashboard, down along drivers door sill, over rear drivers fenderwell, branches to trunk, other branch continues along drivers rear quarter inner-ledge, to drivers tail lamp, then to license frame light & passenger tail lamp
- Attaches to:
 - o Brake pedal switch
 - o Backup light switch
 - o Trunk light
 - o Pillar light harness
 - o Tail lamps
 - o License frame light

Dash to Instrument Panel harness – C6AZ-14401-B (with AC, before 2/1/66); C6AZ-14401-AR (with AC, after 2/1/66); C6AZ-14401-A (no AC or Trans Ign, before 2/1/66); C6AZ-14401-AN (no AC or Trans Ign, after 2/1/66)

- Goes from drivers side underneath dashboard, across instrument panel
- Attaches to:
 - o Dash lights
 - o Radio, heater, cigarette ashtray light, under-dash AC
 - o Lower dashboard courtesy lights
 - o Console light
 - o Flasher unit harness
 - o Convenience panel, AC as applicable

Emergency Flasher harness – C6AZ-13A350-A (before 3/1/66; includes flasher switch and wire harness); C6AZ-13A350-D (after 3/1/66; includes flasher switch only)

- For cars build prior to 3/1/66, harness goes from glove box to instrument panel; for cars after 3/1/66, the flasher harness is already built into the instrument panel harness
- Attaches to:
 - o Instrument panel harness
 - o Dashboard glove box

Front Door Courtesy Light harness – C3AZ-13713-B (with 7/8" or 29/32" mounting hole, before 4/25/66); C5AZ-13713-A (with 3/4" mounting hole, before 4/25/66); C6AZ-13713-A (after 4/25/66);

- Goes from drivers side underneath dashboard, through forward door jamb between hinges, along harness bracket in door jamb, into door, to courtesy lights
- Attaches to:
 - o Dash-to-instrument-panel harness
 - o Grommet at forward door jamb, between door hinges
 - o Courtesy light assemblies in door

Backup Light Switch harness (4-speed cars only) – C6AZ-15520-A

- Goes from dash panel harness through floor to 4-speed shifter
- Attaches to:
 - o Dash panel harness
 - o Floorboard under console via rubber grommet
 - o 4-speed shifter

Trunk Light harness – C5DZ-13A756-A (before 1/17/66); C5DZ-13A756-B (after 1/17/66)

- Goes from body/tail lamp harness into trunk lid at lower LH side, with a clip attaching the harness to the LH trunk lid hinge and a sheet metal screw attaching the bulb assembly to the inner side of the trunk lid near the lock assembly
- Attaches to:
 - o Body/tail lamp harness
 - o Trunk lid and hinge

Firewall Ground strap - C5AZ-14303-A

- Attaches to:
 - o Engine
 - o Firewall, below throttle cable portal

Links/Sources

Headlight - C6AZ-14290-A (before 2/1/66)

<http://macsautoparts.com/firewall-to-headlight-connection-wire-before-2-1-66-ford-galaxie-except-427-c6az-14290-a/p/C6AZ-14290-A/> \$172

<http://cgfordparts.com/ufolder/fordpart.php?number=C6AZ-14290A> \$202

<http://www.ynzyesterdayparts.com/> \$242

Engine - C5AZ-14289-K (before 2/1/66) or C6AZ-14289-K (after 2/1/66)

<http://www.autokrafter.com/p-8607-engine-gauge-feed-656-gal-big-block.aspx> \$65

https://www.macsautoparts.com/ford_mercury_passenger/dash-to-engine-gauge-feed-from-6-14-65-thru-2-1-66-ford-galaxie-with-352-390-and-428-v8.html \$83

<http://cgfordparts.com/ufolder/fordpart.php?number=C6AZ-14289> \$154

Wiper - C6AZ-17B587-C (single speed)

https://www.macsaautoparts.com/ford_mercury_passenger/windshield-wiper-wire-wiper-switch-to-wiper-motor-wire-single-speed-wipers-ford-galaxie.html \$71

<http://cgfordparts.com/ufolder/fordpart.php?number=C6AZ-17B587C> \$78

<http://www.ynzyesterdayparts.com/> \$93

Wiper - C6AZ-17B587-D (two speed)

https://www.macsaautoparts.com/ford_mercury_passenger/wiper-switch-to-wiper-motor-wire-2-spnd-wipers.html \$90

<http://cgfordparts.com/ufolder/fordpart.php?number=C6AZ-17B587D> \$90

<http://www.ynzyesterdayparts.com/> \$108

Heater - C5AZ-18A586-A

<http://macsaautoparts.com/1960-72-ford-mercury-heater-wire-heater-switch-to-blower-motor-wire-43quot-long-ford-galaxie-c5az-18a586-a/camid/FMP/cp/ZYORBV3P1000013/> \$50

<https://cgfordparts.com/ufolder/fordpart.php?number=C5AZ-18A586A> \$56

<http://www.ynzyesterdayparts.com/> \$67

Alternator - C5AZ-14305-F (with 53A Leece-Neville Alternator, before 2/1/66); C6AZ-14289-K (with 53A Leece-Neville Alternator, after 2/1/66); C5AZ-14305-H (with 60A Leece-Neville Alternator, before 2/1/66); C6AZ-14289-M (with 60A Leece-Neville Alternator, after 2/1/66); C5AZ-14305-P (with 42A or 55A Ford Alternator, before 2/1/66); C6AZ-14289-G (with 42A or 55A Ford Alternator and no AC or TE, after 2/1/66); C6AZ-14289-H (with 42A or 55A Ford Alternator and AC & TE, after 2/1/66)

https://www.macsaautoparts.com/ford_mercury_passenger/alternator-to-voltage-regulator-wire-before-2-1-66-ford-galaxie-with-352-390-427-and-428-v8-without-a-c.html \$89 (C5AZ-14305-H)

<https://cgfordparts.com/ufolder/fordpart.php?number=C5AZ-14305H> \$126 (C5AZ-14305-H, before 2/1/66);

<https://cgfordparts.com/ufolder/fordpart.php?number=C6AZ-14305K> \$90 (C6AZ-14289-K, after 2/1/66)

<http://www.ynzyesterdayparts.com/> \$126 (C5AZ-14305-H, before 2/1/66); \$90 (C6AZ-14289-K, after 2/1/66)

Body / Tail Lamp harness - C6AZ-14405-E (before 1/17/66); C6AZ-14405-M (after 1/17/66)

<http://macsaautoparts.com/1960-72-ford-mercury-body-wiring-260quot-long-ford-galaxie-2-4-door-sedans-hardtops-convertibles-with-safety-package-c6az-14405-d/camid/FMP/cp/ZYOH7CYL1000051/> \$298 (C6AZ-14405-D: 2/4 Door Sedans/Hardtops/Convertibles with Safety Convenience Package)

https://cgfordparts.com/ufolder/cgcat.php?searchtype=Search+%23&x=x&year_choice=99&searchtextdesc=brake+drum&searchnumber=C6AZ-14405 \$363 (C6AZ-14405-D: 2/4 Door Sedans/Hardtops/Convertibles with Safety Convenience Package)

<http://www.ynzyesterdayparts.com/> \$435 (C6AZ-14405-D: 2/4 Door Sedans/Hardtops/Convertibles with Safety Convenience Package)

Dash to Instrument Panel - C6AZ-14401-B (with AC, before 2/1/66); C6AZ-14401-AR (with AC, after 2/1/66); C6AZ-14401-A (no AC or Transistorized Ign, before 2/1/66); C6AZ-14401-AN (no AC or Transistorized Ign, after 2/1/66)

https://cgfordparts.com/ufolder/cgcat.php?searchtype=Search+%23&x=x&year_choice=99&searchtextdesc=brake+drum&searchnumber=C6AZ-14401 \$797 (C6AZ-14401-A)

https://www.classicautopartsonlinecatalog.com/guide/Fullsize_Ford_and_Mercury/188.php \$730 (C6AZ-14401-A) / \$744 (C6AZ-14401-K: after 7/2/66)

<http://www.ynzyesterdayparts.com/> \$956 (C6AZ-14401-A: before 7/2/66) / \$972 (C6AZ-14401-K: after 7/2/66)

Emergency Flasher - C6AZ-13A350-A (before 3/1/66; includes flasher switch and wire harness), cars built after 3/1/66, the flasher harness is already built into the instrument panel harness

<https://cgfordparts.com/ufolder/fordpart.php?number=C6AZ-13A350-A> \$90

https://www.macsautoparts.com/ford_mercury_passenger/ford-emergency-flasher-harness-wiring-only-no-switch-1966.html \$77 (wire harness only, no switch)

Front Door Courtesy Light - C3AZ-13713-B (with 7/8" or 29/32" mounting hole, before 4/25/66); C5AZ-13713-A (with 3/4" mounting hole, before 4/25/66); C6AZ-13713-A (after 4/25/66)

https://www.macsautoparts.com/ford_mercury_passenger/front-door-courtesy-light-wiring-ford-galaxie.html \$35ea (C6AZ-13713-W which doesn't exist)

<http://www.ynzyesterdayparts.com/> \$49ea (C6AZ-13713-A)

Backup Light Switch (4-speed cars only) - C6AZ-15520-A

NOS only

Trunk Light - C5DZ-13A756-A (before 1/17/66); C5DZ-13A756-B (after 1/17/66)

NOS only

1966 Ford Master Parts Catalog Assembly Diagrams (1975 ed)



