



FOREWORD

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General Information

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SECTION 100-00 General Information

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DESCRIPTION AND OPERATION

About This Manual

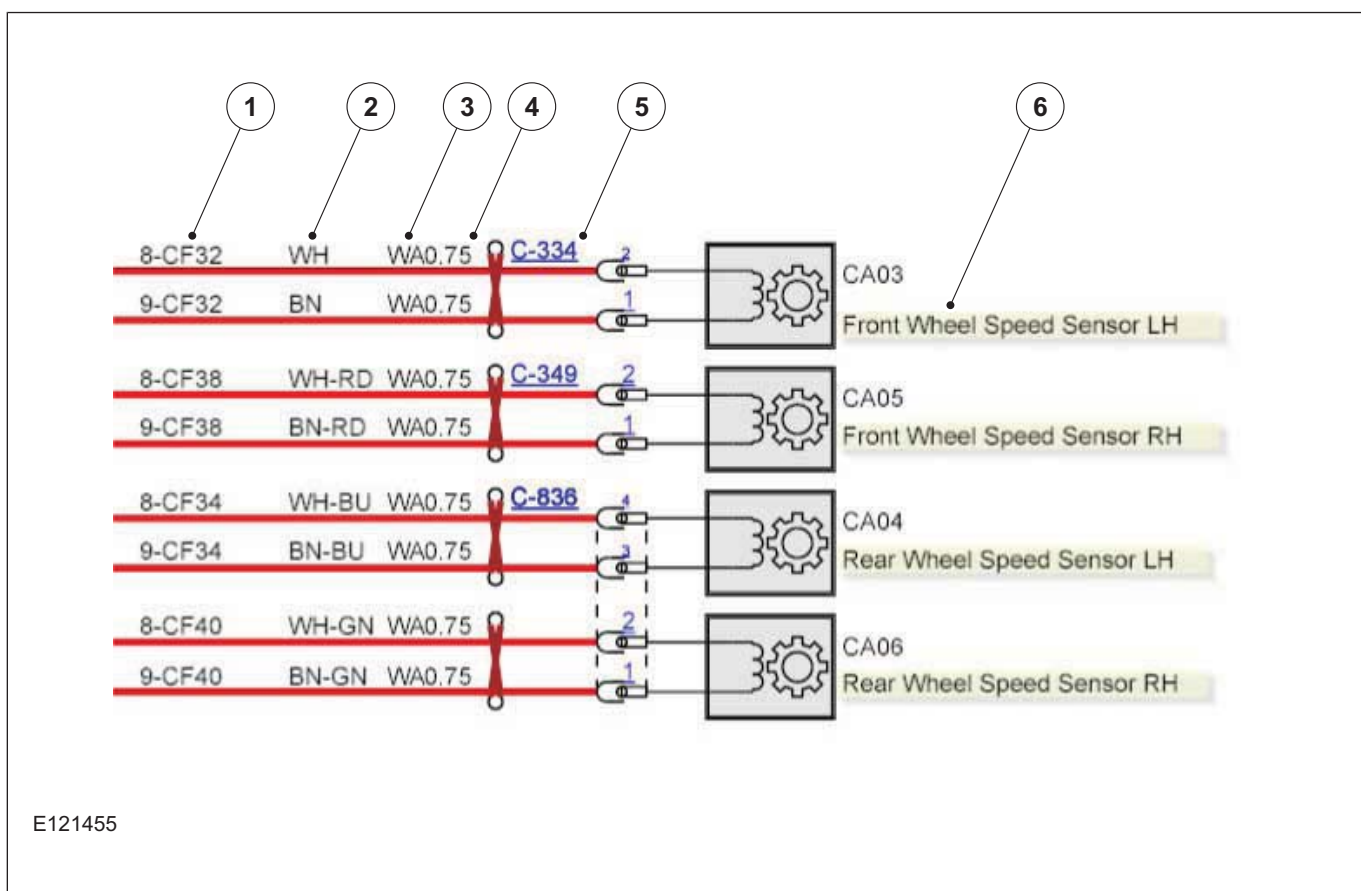
How to Use This Manual

This manual is structured into Systems, Groups and Sections. A System covers a specific portion of the vehicle. The manual is divided into six Systems: General Information, Chassis, Powertrain, Electrical, Body and Paint and General Wiring Information. Each System contains a number of Groups that contain a number of

Sections relating to specific vehicle systems. Each Section contains a wiring diagram containing all of the information relating to the specific vehicle system. Some Sections contain a number of wiring diagrams that cover a number of different vehicle variants. Connector location information and connector face views are provided through links within the wiring diagram for each vehicle system.

Example: Chassis > Brake System > Anti-Lock Control (System > Group > Section)

Wiring Diagram Format



E121455

Item	Description
1	Circuit code
2	Wire color code
3	Wire insulation specification (temperature)

Item	Description
4	Wire diameter (mm ²)
5	Connector code
6	Component name

DESCRIPTION AND OPERATION**Circuit Code**

Position	Description
1	Electrical potential
2	System
3	Sub-system
4 and 5	Function

Some circuit codes also have a suffix. Suffixes are used when parts of a circuit are separated with a connector.

Position 1: Potential

Code	Description
G	GND (ground)
S	Standard voltage
H	Higher than standard voltage
C	Changing or switched
V	Variable signal
L	Lower than standard voltage
R	Return or reference
D	Drain wire
Z	Any of the above with a temporary function

Position 2: System

Code	Description
A	Power convenience
B	Circuit protection
C	Chassis
D	Electrical distribution
E	Diagnostic bus
F	Climate control
G	Information and entertainment
H	Heating
J	Supplemental restraints
K	Windshield wipers and washers
L	Lighting

DESCRIPTION AND OPERATION

Code	Description
M	Multimedia (information and entertainment)
N	Special vehicle
P	Engine and transmission
R	Engine and transmission (engine)
T	Engine and transmission (transmission)
X	Temporary numbering

Position 3: Sub-system

System Code	Sub-system Code	Description
A	A	Locks
A	D	Power mirrors
A	G	Power roof, doors, side steps
A	H	Power seats
A	J	Power windows
A	L	Power steering column
A	M	Power roof, doors, side steps
B	A	Charging, starting, cigar lighter, power outlet socket
B	B	Charging, starting, cigar lighter, power outlet socket
C	C	Adaptive damping
C	D	Suspension
C	E	Power steering
C	F	Anti-lock brakes, traction control, stability assist
C	G	Brakes
D	A	Splices distribution
D	B	Busbars
D	C	BJB (battery junction box)
D	D	CJB (central junction box)
D	E	GND points
D	F	Junction box
D	G	AJB (auxiliary junction box)
D	H	AJB
D	J	AJB
D	K	GEM (generic electronic module)

DESCRIPTION AND OPERATION

System Code	Sub-system Code	Description
E	A	Diagnostic bus - audio communications protocol
E	B	Diagnostic bus - alternator
E	C	Diagnostic bus - CAN (controller area network)
E	D	Diagnostic bus - diagnostic connector link
E	E	Diagnostic bus - International Standards Organization
E	G	Diagnostic bus - SCP (standard corporate protocol)
F	A	Climate control module
F	B	Climate control module
F	C	Auxiliary climate control
G	A	Instrument cluster, information and message center, tachograph
G	B	Instrument cluster, information and message center, tachograph
G	C	Instrument cluster, information and message center, tachograph
G	E	Instrument cluster, information and message center, tachograph
G	G	Instrument cluster
G	H	Instrument cluster, information and message center, tachograph
G	J	Horn
G	K	Navigation
G	L	Anti-theft
G	M	Audible warnings and indicators
G	N	Parking aid
G	P	Vehicle emergency monitoring
H	A	Auxiliary climate control
H	B	Heated windshield, rear window, mirrors, washer jets
H	C	Heated seats
J	A	RCM (restraints control module), air bag module, side air curtain module
K	A	Windshield wipers and washers, rear window wiper and washer, headlamp washers
L	B	Interior lamps, courtesy lamps
L	C	Interior lamps, courtesy lamps

DESCRIPTION AND OPERATION

System Code	Sub-system Code	Description
L	D	Fog lamps
L	E	Headlamps
L	F	Exterior lighting
L	G	Turn signal and hazard lamps
L	H	Instrument cluster and panel illumination
L	K	Instrument panel illumination
M	C	Communication, cellular phone, voice control
M	D	Information and entertainment
N	A	Ambulance
N	B	Police
N	C	Taxi
N	D	Trailer tow
P	A	Engine cooling
P	G	Speed control
R	A	Connectors
R	B	Destination notes
R	D	Powertrain controller, diode, driver, monitor, pump
R	E	PCM (powertrain control module)
R	G	Motors
R	H	Relays
R	J	Sensors
R	L	Solenoids
R	N	Splices or busbars
R	P	Switches
R	R	Engine ignition
R	S	Powertrain controller, diode, driver, monitor, pump
T	A	Transmission/transaxle, differential, axle
T	C	Automatic transmission
T	D	Transmission/transaxle, differential, axle
X	L	Temporary functions for any sub-system

DESCRIPTION AND OPERATION**Wire Insulation Specification (Temperature)**

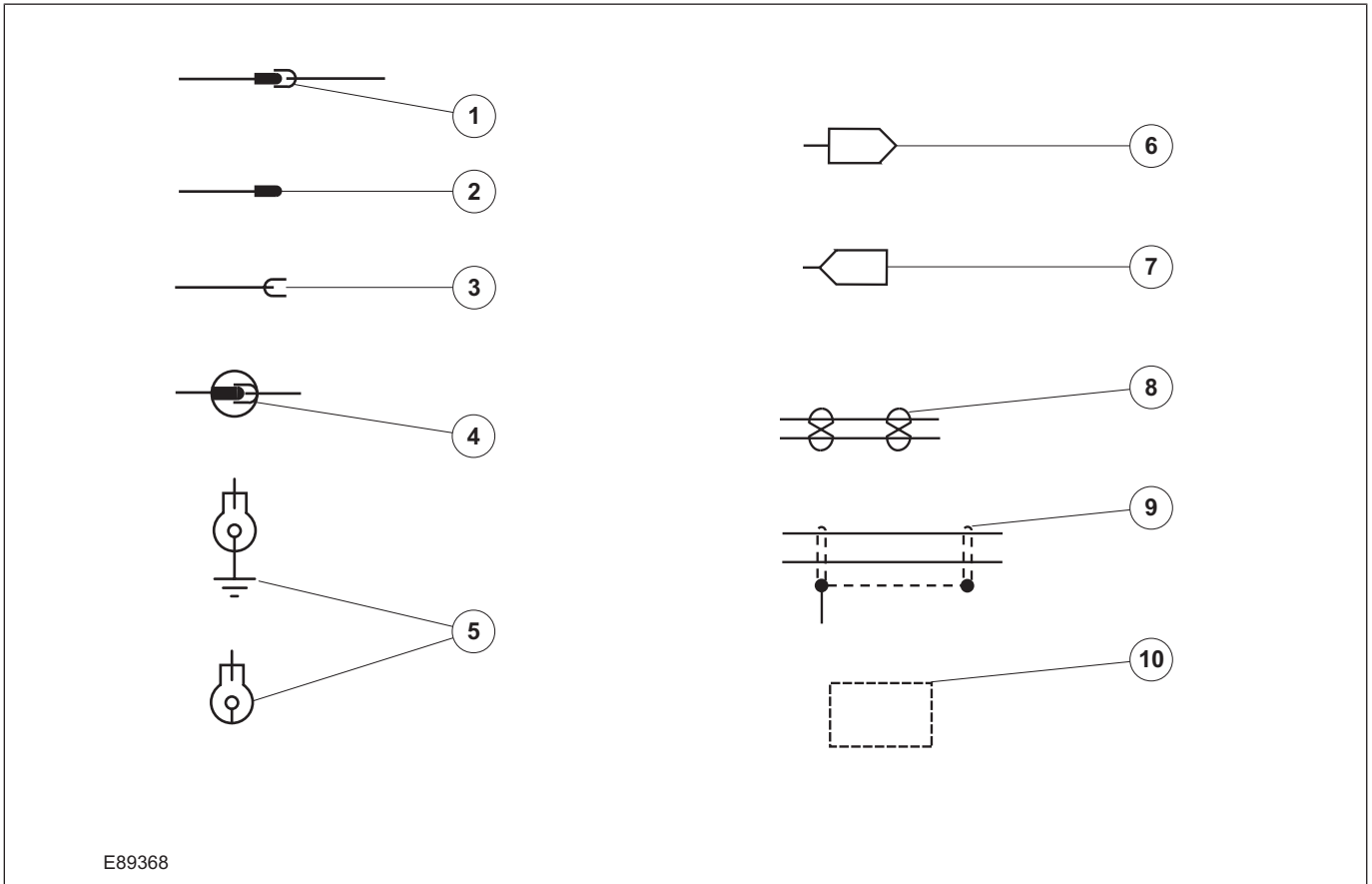
Code	Temperature
WA	100°C
WK	125°C
WE	150°C

Wire Color Code

Code	Color
BK	Black
BN	Brown
BU	Blue
GN	Green
GY	Gray
LG	Light green
NA	Natural
OG	Orange
PK	Pink
RD	Red
SR	Silver
VT	Purple
WH	White
YE	Yellow

DESCRIPTION AND OPERATION

Symbols Glossary



Item	Description
1	In-line connector
2	Male connector
3	Female connector
4	Pins with special coating (e.g. gold)
5	Ground
6	Off-page reference (to)
7	Off-page reference (from)
8	Twisted pair
9	Screened cables
10	Part of a component

GROUP

Chassis

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SECTION 206-05 Parking Brake and Actuation

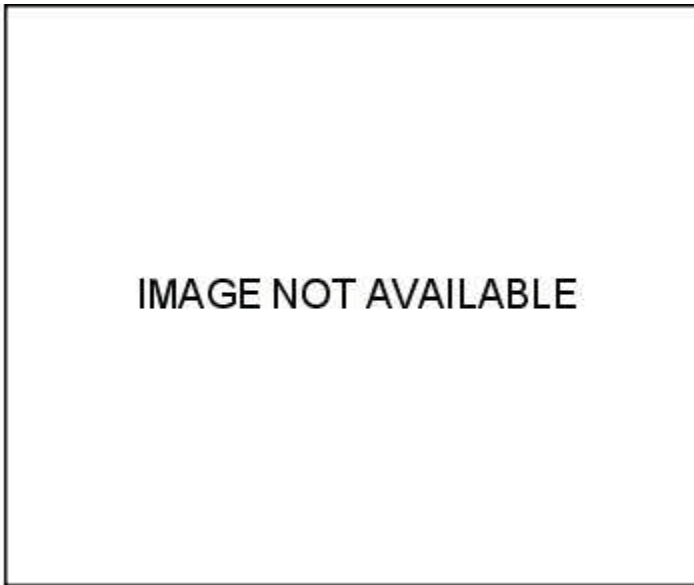
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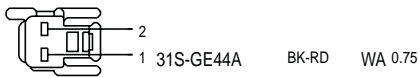


Parking Brake Switch (G1240673)



Parking Brake Switch (G1226596)

PIN 1 => 31S-GE44C BK-RD 0.75 WA



4S7T-14489-VAA

C931

TO Z-HANDBRAKE SWITCH

HARNESS 14014





SECTION 206-06 Hydraulic Brake Actuation

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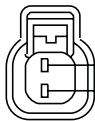
Low Brake Fluid Warning Indicator Switch..... 206-06-2





Low Brake Fluid Warning Indicator Switch (G1226597)

PIN 1 => 91-GC7B BK-BU 1.0 WA
PIN 1 => 91-GC7A BK-BU 1.0 WA



1	91-GC7	BK-BU	WA 0.50
2	31S-GC6	BK-YE	WA 0.50

XR3T-14A464-AA

C810

TO BRAKE FLUID LEVEL SWITCH

HARNES 14K733





SECTION 206-07 Power Brake Actuation

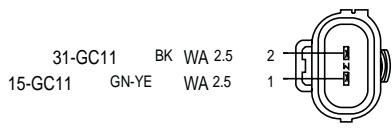
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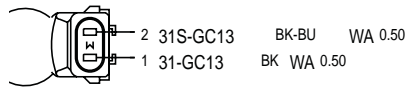


Brake Vacuum Pump (G1240674)



97BG-14A624-VBB
C852
TO VACUUM PUMP
HARNESS 14K733

Brake Vacuum Switch (G1240675)



6M5T-14A464-GFA
C862
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