

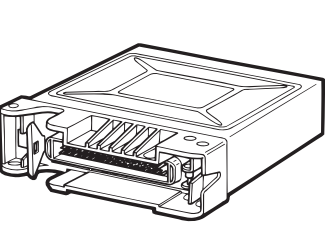
Support Literature:

PB96132	Truck, Tractor and Bus ABS Parts Book
MM30	D-Version ABS for Trucks, Tractors and Buses Maintenance Manual
MM0112	E-Version ABS for Trucks, Tractors and Buses Maintenance Manual
TP0186	D and E-Version Truck, Tractor and Bus ABS Diagnostic Guide
TP94157	C-Version Truck, Tractor and Bus ABS Diagnostic Guide

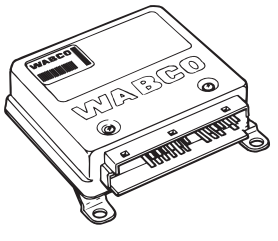
For Service/Aftermarket Orders:

US/Canada	855-228-3203
Mexico	800-953-0248
Email	wabconaorders@zf.com
Product Catalog	www.wabco-customercenter.com

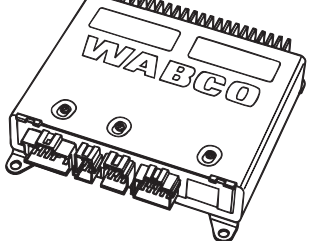
Electronic Control Units (ECUs)



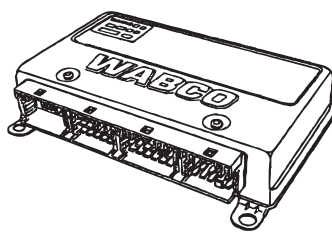
Cab-Mount
6 x 2 with ATC
B- & C-Versions



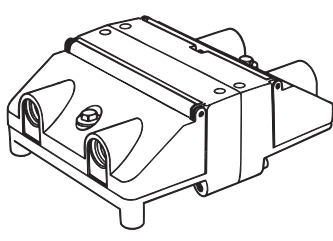
Basic ABS – Only
Cab-Mount ECU
D- & E-Versions



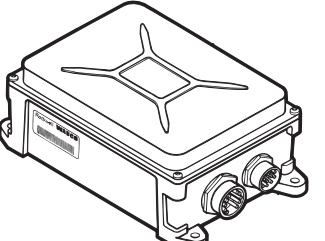
Full-Function
Cab-Mount ECU
with optional ATC
D-Version Only



Universal Cab-Mount
ECU with optional ATC
E-Version Only



Frame-Mounted
ECU with optional ATC
D- & E-Versions



Frame-Mounted
ECU
6S/4M, Front/Rear
C-Version



WABCO
ABS - D
4S/4M 12V

D-Version
Trucks: 1997 – Present
Buses & Coaches: 1997 – Present
Tractors: 1997 – February 2001

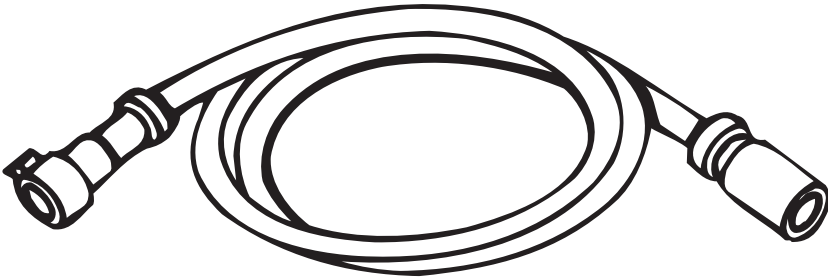


WABCO
ABS - E
4S/4M 12V

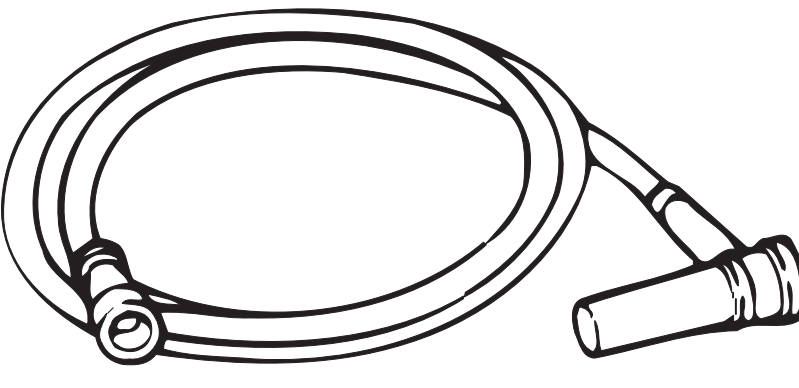
E-Version
Tractors: March 2001 – Present
PLC Compliant

Straight Sensors/Right Angle (90°) Sensors

To provide you with the appropriate components to service ABS sensors, WABCO offers sensors in the form of a service kit containing a sensor, sensor spring clip and grease packet to assist in proper installation. Sensors and Sensors Extension Cables work for B, C, D and E versions of ABS.



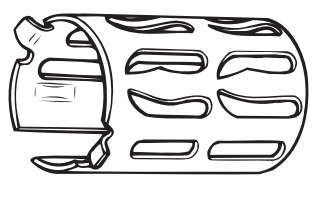
Straight		
Length	Sensor Kit	Sensor in Kit
2.0 ft (0.6 m)	441 030 920 2	441 032 971 0
5.6 ft (1.7 m)	441 030 917 2	441 032 919 0
5.8 ft (1.8 m)	441 030 919 2	441 032 444 0 (65 mm head)
	441 030 908 2	441 032 900 0 (79 mm head)



Right Angle		
Length	Sensor Kit	Sensor in Kit
1.0 ft (0.3 m)	441 030 907 2	441 032 808 0
3.0 ft (0.9 m)	441 030 918 2	441 032 809 0
5.6 ft (1.7 m)	441 030 916 2	441 032 103 0
5.8 ft (1.8 m)	441 030 909 2	441 032 813 0
6.6 ft (2.0 m)	441 030 910 2	441 032 814 0

Sensor Clip

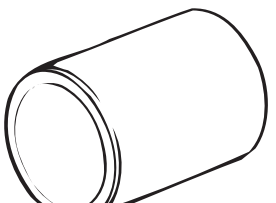
Holds sensor in place.



Length	Inside Diameter	Outside Diameter	Part Number
1.18 in (30.0 mm)	0.63 in (16.0 mm)	0.71 in (18.0 mm)	899 759 815 4

Sensor Bushing

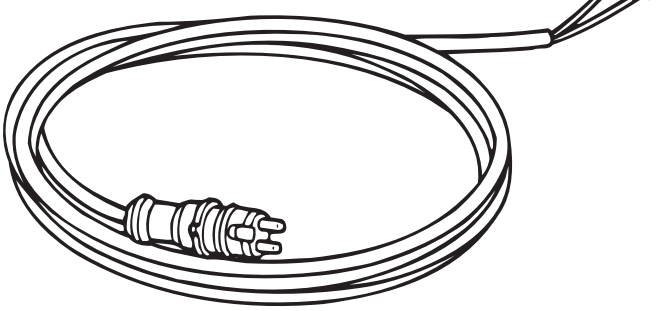
Used on front steer axles only.



Length	Inside Diameter	Outside Diameter	Part Number
0.87 in (22.0 mm)	0.71 in (18.0 mm)	1.18 in (30.0 mm)	1225S1189

Sensor Extension Cables

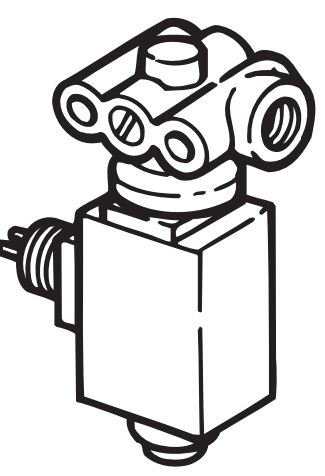
Two-wire cable that connects the wheel end sensors to the ECU. Do not splice the cable wires. Cut cables from the blunt cut end. Splicing wire will void the warranty.



Length	Part Number
2.0 ft (0.6 m)	449 711 006 0
3.3 ft (1.0 m)	449 711 015 0
5.9 ft (1.8 m)	449 711 015 0
8.2 ft (2.5 m)	449 711 025 0
10.2 ft (3.5 m)	449 711 031 0
15.1 ft (4.6 m)	449 711 046 0
16.4 ft (5.0 m)	449 711 050 0
21.3 ft (6.5 m)	449 711 065 0
26.2 ft (8.0 m)	449 711 080 0
32.8 ft (10.0 m)	449 711 100 0
39.3 ft (12.0 m)	449 711 120 0
49.2 ft (15.0 m)	449 711 150 0
59.0 ft (18.0 m)	449 711 180 0

ABS ATC Valve

C-Version ABS

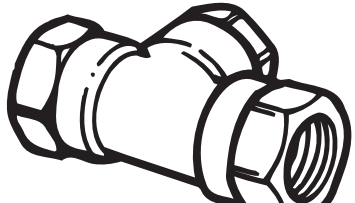


Thread Size	Part Number	Description
1/4" – 18 NPTF	472 136 101 0 894 601 134 2	Double Check Valve must be used with this valve.
M12 x 1.5	472 170 667 0 894 601 134 2	

ATC Double Check Valve —

C-Version ABS

Use one double check valve per ATC valve.



Part Number
434 208 021 0
934 099 003 0

Adapter Cables: Modulator Valve



894 601 133 2

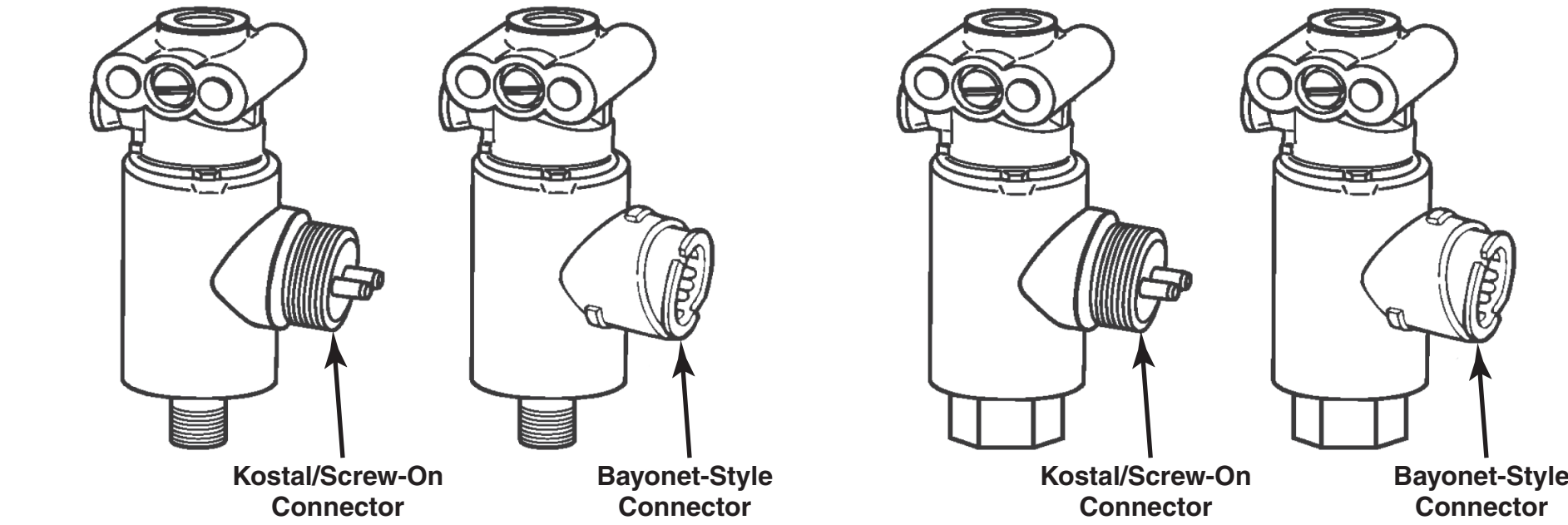


894 601 136 2

Part Number	Description
894 601 132 2	6" cable Bayonet to Screw
894 601 133 2	6" cable Bayonet to Screw
894 601 134 2	6" cable Screw to Bayonet
894 601 136 2	6" cable Screw to Bayonet

ABS ATC Valves — D- & E-Version ABS

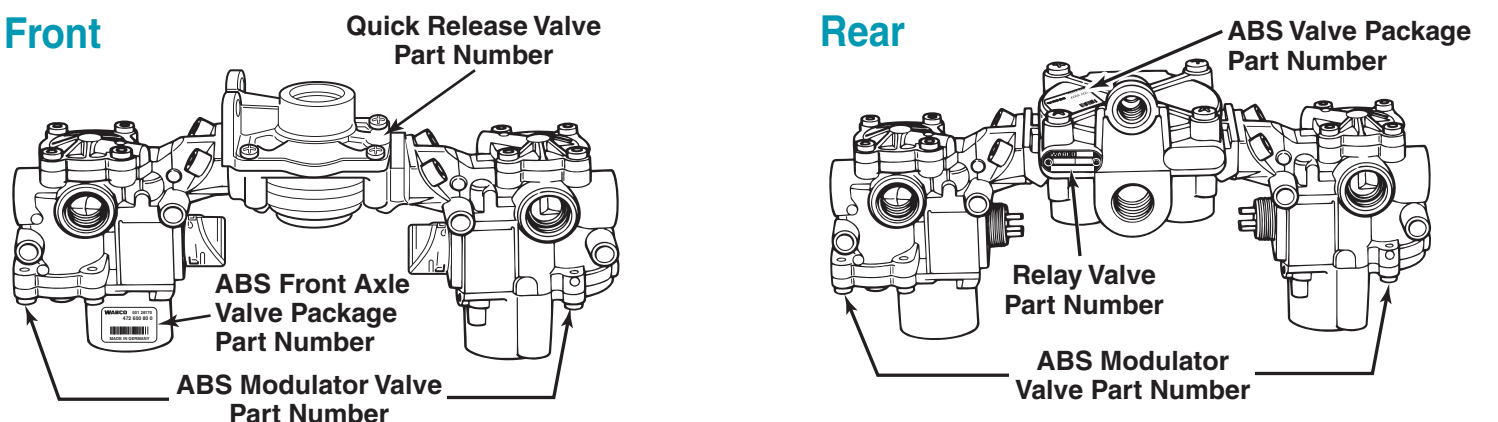
Thread Size	Part Number	Description
1/4" – 18 NPTF	472 170 867 0	Delivery port opposite solenoid connection.
Male 1/8" – 27 NPTF	472 170 877 0	Delivery port adjacent to solenoid connection.
Male 1/2" – 27 NPTF	472 170 867 0	Bayonet-Style connector. Delivery port opposite solenoid connection.
Male 1/8" – 27 NPTF	472 170 877 0	Bayonet-Style connector. Delivery port adjacent to solenoid connection.
1/8" – 27 NPTF	472 170 990 0	Delivery port opposite solenoid connection.
1/4" – 18 NPTF	472 170 997 0	
Female 1/4" – 18 NPTF	472 170 996 0 472 170 997 0	Bayonet-Style connector. Delivery port opposite solenoid connection.
M12 x 15 Female	472 070 628 0 472 170 600 0	Bayonet-Style connector. Delivery port adjacent to solenoid connection.



ABS Valve Package (Front and Rear Axle)

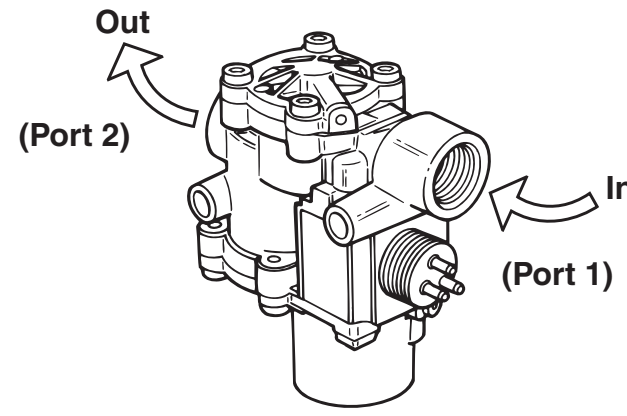
Provides an alternative to separate valve installation by combining a service brake relay valve with two ABS modulator valves. Compatible with C-, D- and E-Version ECUs. Replacement kits contain replacement valve, bolts, O-rings, lubricant and instruction sheet.

Part Number Information: To determine the proper ABS valve package or component valve part number, refer to the ABS Valve Package – Part Number Identification table in PB96132, WABCO Pneumatic Anti-Lock Braking Systems (ABS) for Trucks, Tractors and Buses.

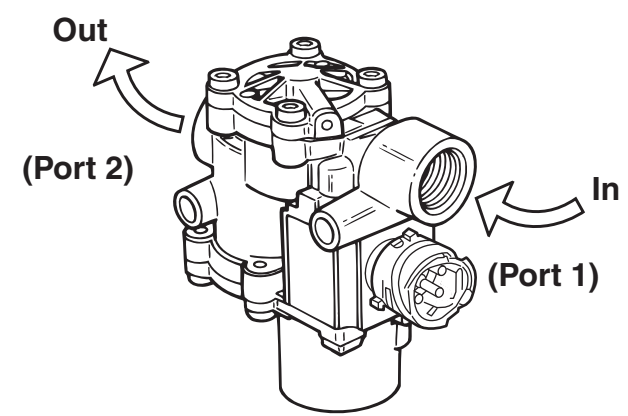


ABS Modulator Valve

Kostal/Screw-On Style

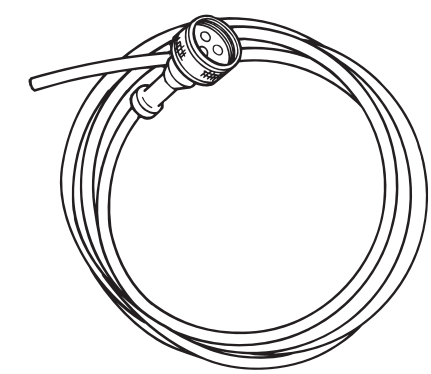


Bayonet-Style

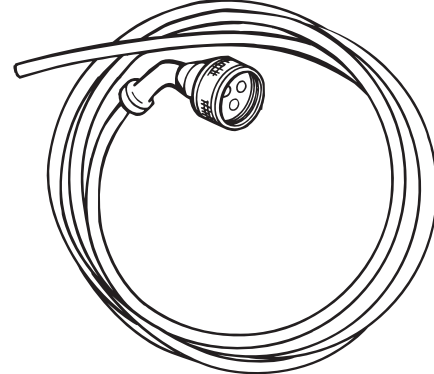


ABS Modulator Valve Extension Cables

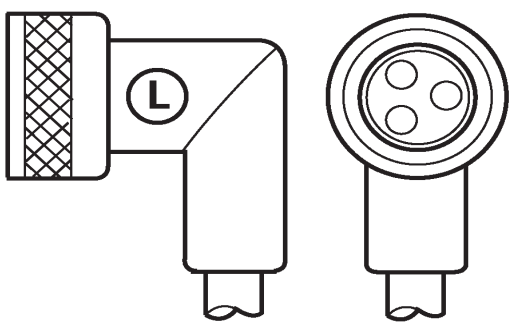
Connects the ABS modulator valves to the ABS chassis harness. Available with straight or 90° connector. Do not splice cable wires. Cut cables from the blunt cut end. Splicing wires will void the warranty. Blunt cut on Opposite End.



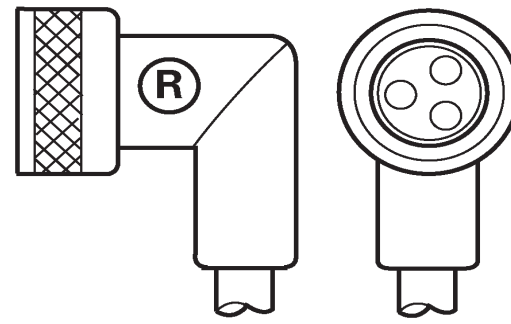
Brass Nut Style Straight Connector	
Length	Part Number
6.6 ft (2.0 m)	449 511 020 0
16.4 ft (5.0 m)	449 511 050 0
59.1 ft (18.0 m)	449 511 180 0



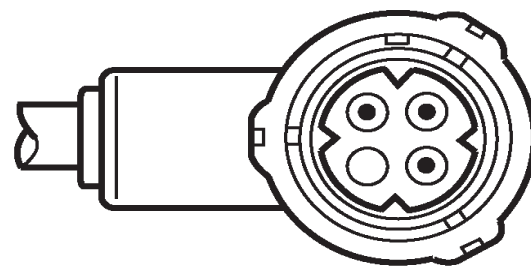
Bayonet-Style Straight Connector	
Length	Part Number
13.1 ft (4.0 m)	449 413 040 0
19.7 ft (6.0 m)	449 711 180 0
39.4 ft (12.0 m)	449 413 120 0



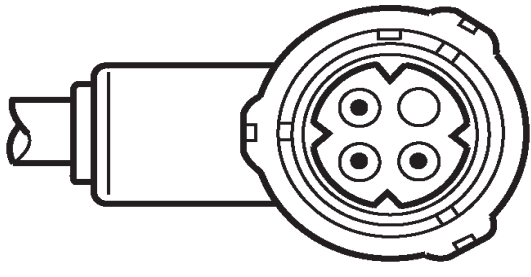
Brass Nut Style 90° Left Angle Connector	
Length	Part Number
2.9 ft (0.9 m)	449 523 009 0
19.7 ft (6.0 m)	449 523 060 0
39.4 ft (12.0 m)	449 523 120 0



Brass Nut Style 90° Right Angle Connector	
Length	Part Number
2.9 ft (0.9 m)	449 524 009 0
19.7 ft (6.0 m)	449 524 060 0
39.4 ft (12.0 m)	449 524 120 0



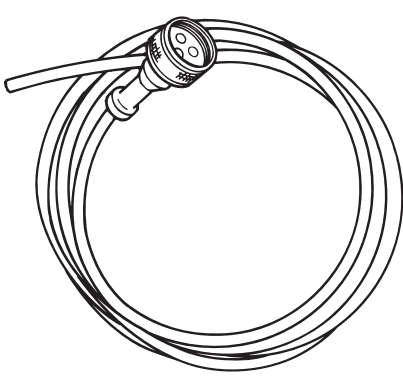
Bayonet-Style 90° Left Angle Connector	
Length	Part Number
4.5 ft (1.4 m)	449 533 014 0
15.42 ft (4.7 m)	449 533 047 0
19.7 ft (6.0 m)	449 533 060 0
39.4 ft (12.0 m)	449 533 120 0



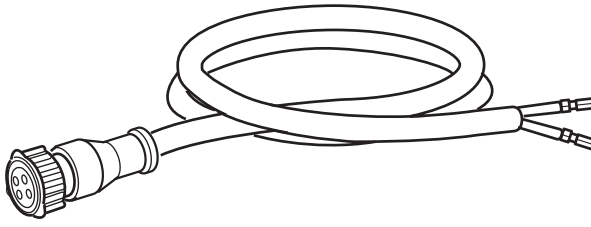
Bayonet-Style 90° Right Angle Connector	
Length	Part Number
4.9 ft (1.5 m)	449 532 015 0
8.5 ft (2.6 m)	449 532 026 0
19.7 ft (6.0 m)	449 532 060 0
39.4 ft (12.0 m)	449 532 120 0

ATC Valve Extension Cables

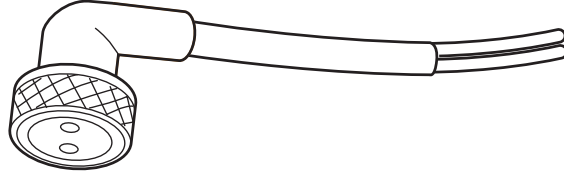
Two-wire cable that connects the ATC valve to the ABS chassis harness. Available with straight or 90° connector. Do not splice cable wires. Cut cables from the blunt cut end. Splicing wires will void the warranty. Blunt cut on Opposite End.



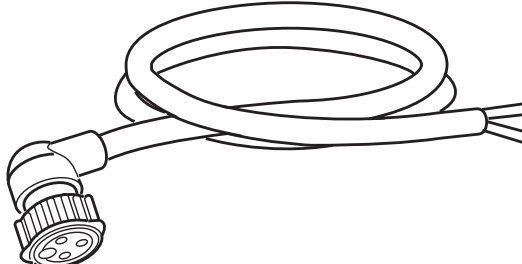
Brass Nut Style Straight Connector	
Length	Part Number
3.3 ft (1.0 m)	449 521 010 0
4.5 ft (1.4 m)	449 521 014 0
16.4 ft (5.0 m)	449 521 050 0
32.8 ft (10.0 m)	449 521 100 0
49.2 ft (15.0 m)	449 521 150 0



Bayonet-Style Straight Connector	
Length	Part Number
3.3 ft (1.0 m)	449 415 010 0
4.5 ft (1.4 m)	449 415 014 0
16.4 ft (5.0 m)	449 415 050 0
32.8 ft (10.0 m)	449 415 100 0
49.2 ft (15.0 m)	449 415 150 0



Brass Nut Style 90° Connector	
Length	Part Number
0.9 ft (0.3 m)	894 600 451 2



Bayonet-Style 90° Connector	
Length	Part Number
32.8 ft (10.0 m)	449 515 100 0

U.S. / Canada: 855-228-3203
Mexico: 800-953-0248
www.zf.com/cv