

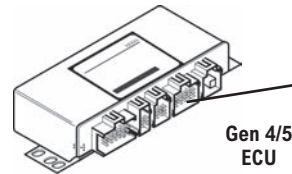
Bendix® EC-30™ Electronic Controller

i SD-13-4815

EC-30™
ECU



Connectors are black



Gen 4/5
ECU

Service New Pc. No.	Sensors/ Modulators	Traction Control	J1939 Dash Support	Customers Include (Comments)	Engine Communication
801167	4S/4M	Yes	Yes	International	J1939
801173	6S/4M	Yes	–	International	
801177	4S/4M	Yes	Yes	International	
801180	6S/4M	Yes	–	Freightliner / Mack	
801199	6S/4M	Yes	Yes	GMC	
801202	6S/4M	Yes	Yes	GMC	
801227	6S/4M	Yes	–	Volvo	
801228	6S/4M	Yes	–	–	
801239	6S/4M	Yes	–	Mack	
801233	6S/4M	Yes	–	Volvo (EC-16™ / EC-17™ ECU Service Replacement)	
801234	6S/4M	Yes	–	GMC (86 Tooth Tone Ring - EC-17™ ECU Service Replacement)	
801235	6S/4M	Yes	–	GMC (100 Tooth Tone Ring - EC-17™ ECU Service Replacement)	
801236	6S/4M	Yes	–	(EC-16™ / EC-17™ ECU Service Replacement)	
801335	6S/4M	Yes	–	–	
801205	4S/4M	–	–	GMC (100 Tooth Tone Ring)	
801206	4S/4M	–	–	GMC (86 Tooth Tone Ring)	

Gen 4/5 Electronic Control Unit (ECU)

i SD-13-4746

OE Pc. No.	Service New Pc. No.	Sensors/ Modulators	Traction Control	Engine Communication	Mounting	Comments
300130	801764	6S/6M	Yes	J1939	Frame	24 Volt
300199	801765	4S/4M	Yes	J1922		–
300208	801759	4S/4M	Yes	J1939		–
300345	801755	6S/6M	Yes			Configured as 6S/4M ABS ¹
300367	801756	4S/4M	Yes			–
300368, 5012926	801758	6S/6M	Yes			Configured as 6S/4M ABS ¹
5012608	801762	4S/4M	–	–		
300222	300222N	4S/4M	–	No	Cab	–
300342	801752					
300344, 5006806	801753	6S/6M	Yes	J1939		Configured as 6S/4M ABS ¹
5012582	801754	6S/6M	Yes			Use for a 6 x 2 vehicle with a tag axle

¹ ECU reconfiguration required for 6S/6M and/or Traction Control. The following tools can be used for reconfiguration: Bendix® ACom® Diagnostic Software (free download available from www.bendix.com), or Nexiq™ Pro-Link iQ™ application card (Nexiq p/n 804001).

NOTE: Gen 4/5 ECUs were formerly marketed under the Eaton® brand name.

Bendix® EC-60™ Advanced Cab ECU

All shown have traction control and communicate over J1587 and J1939.

i SD-13-4863

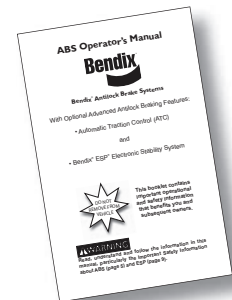


**Bendix® EC-60™
Advanced**

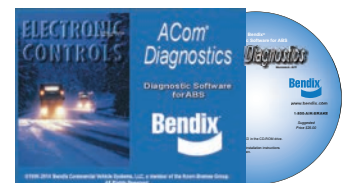
IMPORTANT

The vehicle VIN number must be specified when ordering Bendix® EC-60™ Advanced ECUs, since the ECU is individually configured for the vehicle.

Customer	OE Pc. No.	Service New Pc. No.	Stability Configuration	Sensors/ Modulators	Supply Voltage	PLC
Volvo, Mack	802780	K094249*				
	5018531					
	K022161					
	K031692					
	K040157					
	K070746					
	K094246					
—	801905		Electronic Stability Program (ESP)			
	803082					
	5012231					
	5019416					
	K023054					
	K038368					
	K039393					
International	803146	K060080		4S/4M	12	Yes
	5016144					
	5020080					
	K033963					
	K033964					
	K034014					
	K040122					
PACCAR	K021136					
	K021415					
	K021416					
	K024560					
	K025766					
	K025780					
	K041759					
International	802054	K065143	Roll Stability Program (RSP)			
	803147					
	5015578					
	5020081					
	K033968					
	K033969					
	K034015					
	K040121					
K041711						



**Bendix® Antilock Brake
Systems Operator's Manual
BW2489 (ESP)
and BW2499 (RSP)
available on www.bendix.com**



**Bendix® ACom® Diagnostic Software
visit www.bendix.com**

*Aftermarket part number K094249 for Volvo & Mack ESP configured vehicles is only available through a Volvo or Mack dealer.

Note: It is recommended that the part number being replaced is verified and cross-referenced to the aftermarket replacement number from the part itself or read back through the OEM's service tool or Bendix® ACom® diagnostics.

Bendix® EC-60™ Standard Cab ECU

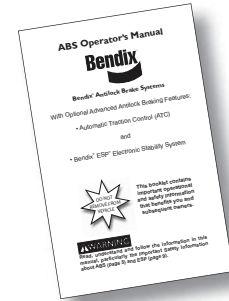
All shown communicate over J1587 and J1939

i SD-13-4863

Customer	OE Pc. No.	Service New Pc. No.	Sensors/ Modulators	Supply Voltage	PLC	Notes			
—	801876	K058637	4S/4M	12	Yes				
	801877								
	5012226								
	K038358								
	K038360								
	K039381								
PACCAR	K021134	K065137							PLC operation for International
	K021414								
	K041767								
International	802130	K065137							
	5016139								
	K040114								
	K041718								
International	802136	K065135				Configured for J1939 control of ABS warning lamp			
	802325								
	5016145								
	5016357								
	K020367								
	K020368								
	K020833								
	K020834								
	K040115								
	K040116								
K041720									



Bendix® EC-60™ ECU Standard (Cab)



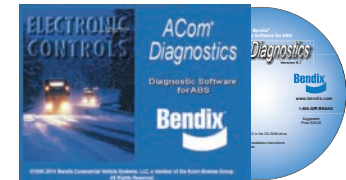
Bendix® Antilock Brake Systems Operator's Manual BW2489 (ESP) and BW2499 (RSP) available on www.bendix.com

Bendix® EC-60™ Standard Frame ECU

All shown communicate over J1587 and J1939

i SD-13-4863

Customer	OE Pc. No.	Service New Pc. No.	Sensors/ Modulators	Supply Voltage	PLC	Notes		
—	801879	K058645	4S/4M	12	Yes			
	802131							
	5012228							
	5016140							
	5020281							
	K020841							
	K038362							
	K038363							
	K039532							
K040077								
International	802132	K065141					No	PLC operation for International
	5016141							
	K020369							
	K041714							
	K020832							
K040078								
GM	5015991	802831				Includes mounting bracket; retarder disable via relay		
	5018131	802833						



Bendix® ACom® Diagnostic Software visit www.bendix.com



Bendix® EC-60™ ECU Standard (Frame) Service Replacement Cover 300271

Note: It is recommended that the part number being replaced is verified and cross-referenced to the aftermarket replacement number from the part itself or read back through the OEM's service tool or Bendix® ACom® diagnostics.

Bendix® EC-60™ Premium Cab ECU

All shown are traction control capable and communicate over J1587 and J1939.

i SD-13-4863



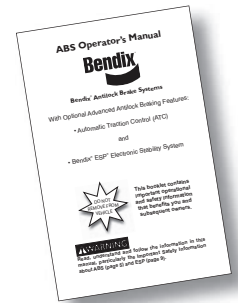
Bendix® EC-60™ Premium (Cab)

Notes:

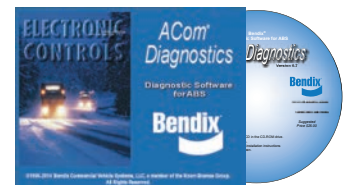
- It is recommended that the part number being replaced is verified and cross-referenced to the aftermarket replacement number from the part itself or read back through the OEM's service tool or Bendix® ACom® diagnostics.

- Premium ECUs may be modified by the OEMs during installation. The part may require re-configuration using the OEM's service tool or Bendix® ACom® diagnostics.

Customer	OE Pc. No.	Service New Pc. No.	Sensors/ Modulators	Supply Voltage	PLC	Notes			
-	801880	K058703	4S/4M	12	Yes				
	803167								
	5012229								
	5013147								
	5013148								
	5020000								
K039698									
PACCAR	K021135	K060104							Configured to receive J1939 signals for ABS and ATC switches from PACCAR vehicles
	K021412								
	K041761								
	K041775								
	K048751								
International	802133	K065134							Configured for J1939 control of ABS warning lamp
	803168								
	5016142								
	5020001								
	K040117	K065133						PLC operation for International	
	K041721								
	802324								
	5016356								
	K022285								
	K022568								
K040118									
K041722									
Volvo, Mack	802781	K060325				J1939 and J1587 messages configured per Volvo/Mack requirements			
	5018530								
	5018581								
	K019671								
	K034397								
K034569									
-	801882	K058704					24	No	
	5012251								
	K038365								
	K039712								



Bendix® Antilock Brake Systems Operator's Manual BW2489 (ESP) and BW2499 (RSP) available on www.bendix.com



Bendix® ACom® Diagnostic Software visit www.bendix.com

Bendix® EC-60™ Premium Frame ECU

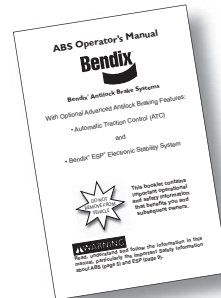
All shown have traction control and communicate over J1587 and J1939.

SD-13-4863

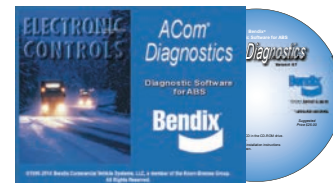


Bendix® EC-60™ Premium (Frame)

Customer	OE Pc. No.	Service New Pc. No.	Sensors/ Modulators	Supply Voltage	PLC	Notes
—	801881	K058712	4S/4M	12	Yes	
	5012230					
	5013149					
	5013150					
	5020008					
	K019237					
	K038366					
	K039622					
International	802134	K065140				PLC operation for International
	5016143					
	K020822					
	K041715					
	K020823					
	K040079					
Oshkosh	K038367	K058714	6S/4M	24	No	
	K058714					



Bendix® Antilock Brake Systems Operator's Manual BW2489 (ESP) and BW2499 (RSP) available on www.bendix.com



Bendix® ACom® Diagnostic Software visit www.bendix.com

Bendix® eTrac™ Automated Air Pressure Transfer System

Automated air bag transfer system.

SD-13-21021

Bendix® eTrac™ Contents	
Service Pc. No.	Bendix® Component
—	Bendix ABS Controller
K082319	FCS-9700™ Solenoid Valve
K035170	R-12® Relay Valve
K082298	RV-3™ Pressure Reducing Valve
101845	
278614	Double Check Valve

R-12® Relay Valve



Bendix® brand ABS controller (Premium or Advanced EC-60 designation or later)



RV-3™ Pressure Reducing Valve



Bendix® DC-4® Double Check Valve



RV-3™ Pressure Reducing Valve



FCS-9700™ Solenoid Valve

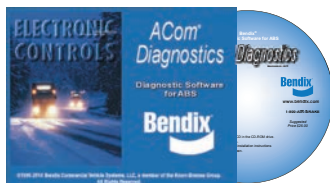
Bendix® EC-80™ ABS, ATC and ESP® Controllers

i SD-13-4983 (ABS and ATC Controllers)

i SD-13-4983 (ESP Controller)

Type of ECU	Image	Bendix Part Number	OE	OE Part Number	Reman ECU Part Number	
					Standard	6x2 tractors without Bendix® eTrac™ System
Bendix® ABS EC-80™ Controller		K097435R000	Blue Bird	10036250	K114398N000X	-
		K105299R000	Mack	22362086	K115125N000X	
		K105300R000		22362088	K115125N000X	
		K103425R000	Navistar	4045848C1	K115809N000X	
		K103426R000		4045849C1	K115809N000X	
		K098915R000	PACCAR	Q27-6073-101	K114398N000X	
		K105299R000	Volvo	22362086	K115125N000X	
		K105300R000		22362088	K115125N000X	
Bendix® ATC EC-80™ Controller		K070253R000	Blue Bird	10036251	K114399N000X	-
		K105302R000	Mack	22362261	K115126N000X	
		K103427R000	Navistar	4045850C1	K115811N000X	
		K103474R000		4045851C1	K115810N000X	
		K098916R000	PACCAR	Q27-6073-201	K114425N000X	K114427N000X
		K098917R000		Q27-6073-202	K114426N000X	K114428N000X
		K098918R000		Q27-6073-203	K114401N000X	-
		K098919R000		Q27-6073-204	K114402N000X	
		K105302R000	Volvo	22362261	K115126N000X	
Bendix® ESP® EC-80™ Controller		K105303R000	Mack	22362264	K115127N000X	-
		K103428R000	Navistar	4045852C1	K119760N00X	
		K103429R000		4045853C1	K114403N000X	
		K105094R000	PACCAR	Q27-6073-305	K114403N000X	
		K105095R000		Q27-6073-306	K114404N000X	
		K105096R000		Q27-6073-307	K114405N000X	
		K105097R000		Q27-6073-308	K114406N000X	
		K105303R000	Volvo	22362264	K115127N000X	

Note: Remanufactured Bendix® ESP® EC-80™ Controllers are made-to-order and only available through an authorized dealer. The vehicle VIN is required in order to properly process the order. These parts cannot be stocked, direct ship only.



Bendix® ACom® Diagnostic Software
visit www.bendix.com



Use p/n K101596N001.
The previous versions (801869 and K101596) do not support this family of devices.