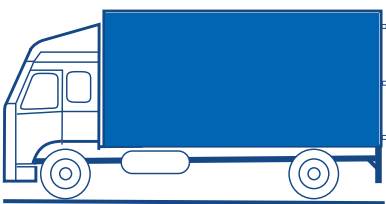




KNORR-BREMSE – EBS 2



Accelerationssensor (YRS)

MAN 0486020007N50
Renault Trucks 0486020007N50
Scania 0486020007N50
Volvo 0486020007N50

Yaw Rate Sensor (YRS) - Monitors lateral acceleration of the vehicle

Note: Yaw Rate Sensors require calibrating after installation, this can be carried out using Knorr-Bremse NEO System Diagnostics

Styrevinkelsensor (SAS)

MAN 1 0486021007N50
Scania 2 0486021003N50
Volvo 2 0486021003N50

Steering Angle Sensor (SAS) - Monitors desired steering position

Note: Steering Angle Sensors require calibrating after installation, this can be carried out using Knorr-Bremse NEO System Diagnostics

Trykstyringsventil (PVC)

MAN II17776N00*
Renault Trucks II17776N00*
Scania II17776N00**
Volvo K015677N00**
Volvo II17776N00*

Pressure Modulator - Modulates the pressure in the brake actuators in response to signals from the Electronic Control Unit (ECU)

* DIN 72585 Bayonet electrical connection
** Kostal M24x1 electrical connection

Anhænger Styremodul (TCM)

MAN 0486205022N50
Renault Trucks 0486205022N50
Scania 0486205014N50
Volvo 0486205022N50

Trailer Control Module (TCM) - Controls the trailer's braking system and provides optimum tractor/trailer brake compatibility

Elektronisk Styreenhed (ECU)

MAN 0486106019N50
MAN 0486106042N50
MAN 0486108003N50
Renault Trucks 0486106004N50
Renault Trucks 0486106024N50
Scania 0486106021N50
Scania 0486106008N50
Volvo 0486106020N50
Volvo 0486106028N50
Volvo 0486108004N50

Bus
Truck
ESP
Magnum
Premium

Vehicles with ESP
ESP

Electronic Control Unit (ECU) - For all EBS functions

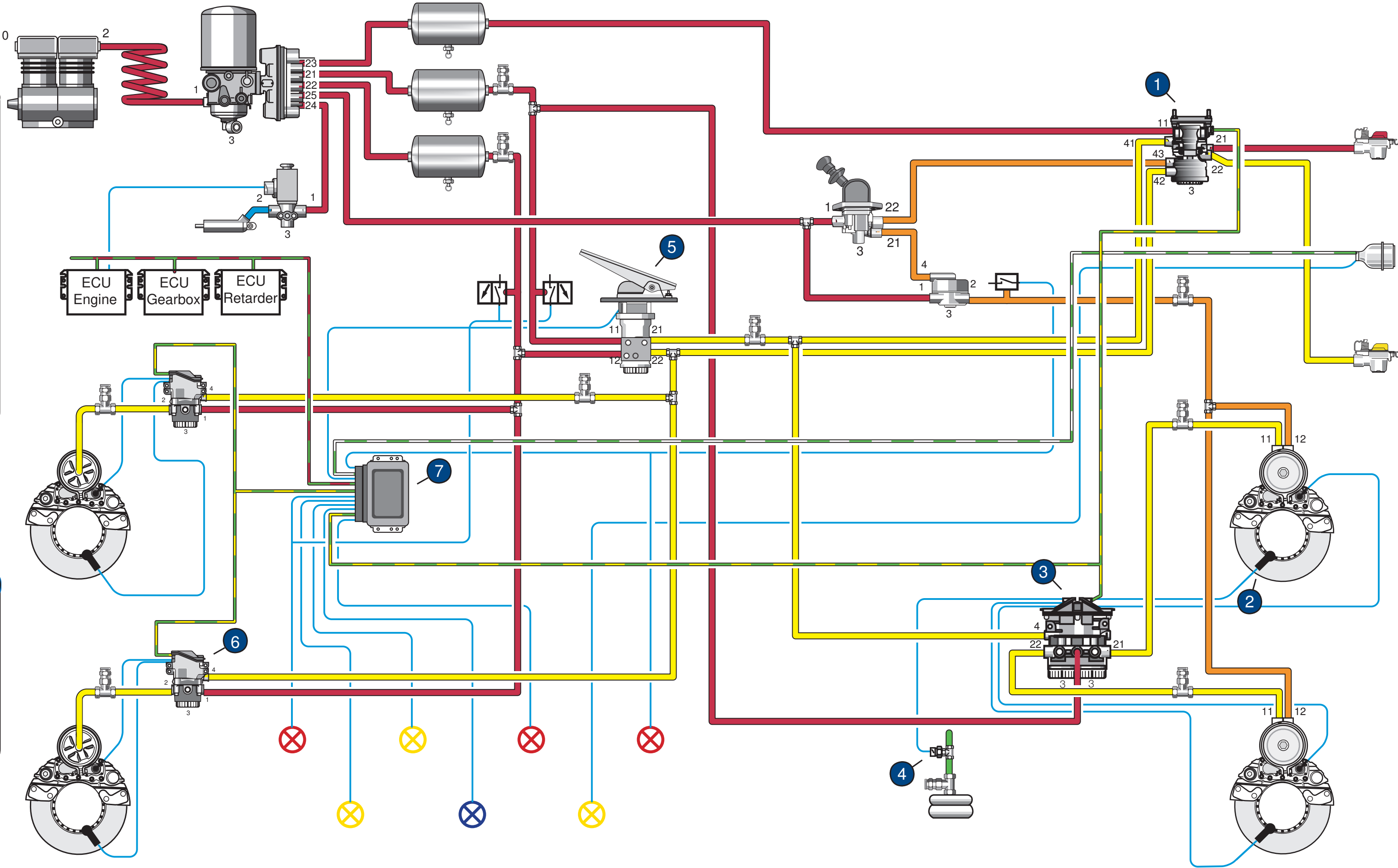
Note: All replacement ECUs require programming either using data mirroring (which can be carried out using the Knorr-Bremse NEO System Diagnostics) or by the Vehicle Manufacturer with suitable dataset

1-Kanals Elektro-Pneumatisk Modul (EPM)

MAN 0486203023X50*
Renault Trucks 0486203030X50*
Scania 0486203025X50*
Volvo 0486203033X50*

1-Channel Electro-Pneumatic Module (EPM) - A sub-assembly comprising of solenoid valves, relay valve, pressure sensor and local electronics with inputs from wheel speed sensors and brake wear sensors

* Knorr-Bremse Genuine Remanufactured Product



Legend (Air)

Supply

Service Brake

Parking Brake

Air Suspension

Auxiliary Equipment

Legend (Electrical)

CAN-Signal "Control"

CAN-Signal "Trailer"

CAN-Signal "J1939"

Electrical Signal

WL Warning Lamp

IL Information Lamp

Fodbremse Modul (FBM)

MAN 1 K039544N50
MAN 1 K039530N50
MAN 2 K039546N50
Renault Trucks - Magnum 3 0486200101N50
Renault Trucks - Premium Scania 3 0486200104N50
Volvo - Truck 4 0486200008N50
Volvo - Bus 5 0486200004N50
Volvo - Bus 6 0486200202N50

Foot Brake Module - Controls the EBS in normal operation by the means of travel sensors, with conventional control in 'back-up' mode

Tryksensor

Renault Trucks 0484205006N00
Scania 0484205006N00
Volvo 0484205006N00

Pressure Sensor - Measures the rear axle air suspension pressure (used by ECU to calculate the load)

Hjulsensor

Fig.	Connector	Length (mm)	IAM Preferred Part No.
Iveco 1	Plug type round	1250	0486000116100
Iveco 1	Plug type round	2095	0486000118100
Iveco - Irisbus 2	Plaselec	2100	0265050141000
Iveco - Irisbus 2	Plaselec	2100	0265050142000
Iveco - Irisbus 3	Socket type round	2000	0486000182100
Iveco - Irisbus 1	Plug type round	1990	0486000183100
Iveco - Irisbus 1	Plug type round	1390	0486000273100
Iveco - Irisbus 4	Plug type round	2050	0486001077100
MAN 14	Schlemmer	2500	0486000103N00
MAN 14	Schlemmer	2500	0486000104N00
MAN 6	Open	2000	0486000130100
MAN 5	Schlemmer	2555	0486000172000
MAN 5	Schlemmer	2555	0486000173000
MAN 6	Open	3555	0486000222100
MAN 5	Schlemmer	1300	0486000233181
MAN 5	Schlemmer	2000	0486000234181
MAN 5	Schlemmer	1300	0486000235181
MAN 5	Schlemmer	2000	0486000236181
MAN - Bus 5	Schlemmer	1300	0486000237N00
MAN - Bus 5	Schlemmer	2000	0486000238N00
MAN - Bus 5	Schlemmer	1300	0486000239N00
MAN - Bus 5	Schlemmer	2000	0486000240N00
MAN - Bus 5	Schlemmer	2000	0486000241N00
MAN - Bus 5	Schlemmer	2000	0486000242N00
MAN 5	Schlemmer	3555	0486000243N00
MAN 5	Schlemmer	3555	0486000244N00
MAN 5	Schlemmer	3555	0486000245N00
MAN 5	Schlemmer	3555	0486000246N00
MAN 7	G & H	1500	0486000250N00
MAN 7	G & H	1500	0486000251N00
MAN 7	G & H	1850	0486000252N00
MAN 7	G & H	1850	0486000253N00
MAN - Bus 7	G & H	2150	0486000254N00
MAN - Bus 7	G & H	2150	0486000255N00
MAN - Truck & Bus 7	G & H	2150	0486000256N00
MAN - Truck & Bus 7	G & H	2150	0486000257N00
MAM 7	G & H	2800	0486000258N00
MAN 7	G & H	2800	0486000259N00
MAN 7	G & H	1800	0486000260N00
MAN 7	G & H	1800	0486000261N00
MAN 7	G & H	3900	0486000262N00
MAN 7	G & H	3900	0486000263N00
MAN 7	G & H	1100	0486000276N00
MAN 7	G & H	1100	0486000277N00
MAN 13	MKR Plus	1000	0486000284N00
MAN 13	MKR Plus	1350	0486000285N00
MAN 12	Socket type round	300	0486001032100
MAN 8	Schlemmer	2000	0486001041N00
MAN 8	Schlemmer	2000	0486001042N00
MAN 11	G & H	2600	0486002001000
MAN 11	G & H	2600	0486002002000
Renault 3	Socket type round	1400	0486000039000
Trucks 3	Plug type round	1390	0486000040000
Renault 7	Deutsch	2400	0486000071000
Trucks 7	Deutsch	2400	0486000072000
Renault 9	Open	1895	0265050112000
Trucks 11	Deutsch DT	2350	0486002003N00
Renault 11	Deutsch DT	2350	0486002004N00

Trucks Scania
Scania - Bus
Scania - Bus

Wheel Speed Sensor - Generate the speed signals from each individual wheel

2-Kanals Elektro-Pneumatisk Modul (EPM)

MAN 0486204017X50*
Renault Trucks 0486204021X50*
Scania 0486204019X50*
Volvo 0486204025X50*

2-Channel Electro-Pneumatic Module (EPM) - Combines two 1-Channel Electro-Pneumatic Modules in a single unit with an additional load sensor signal input

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