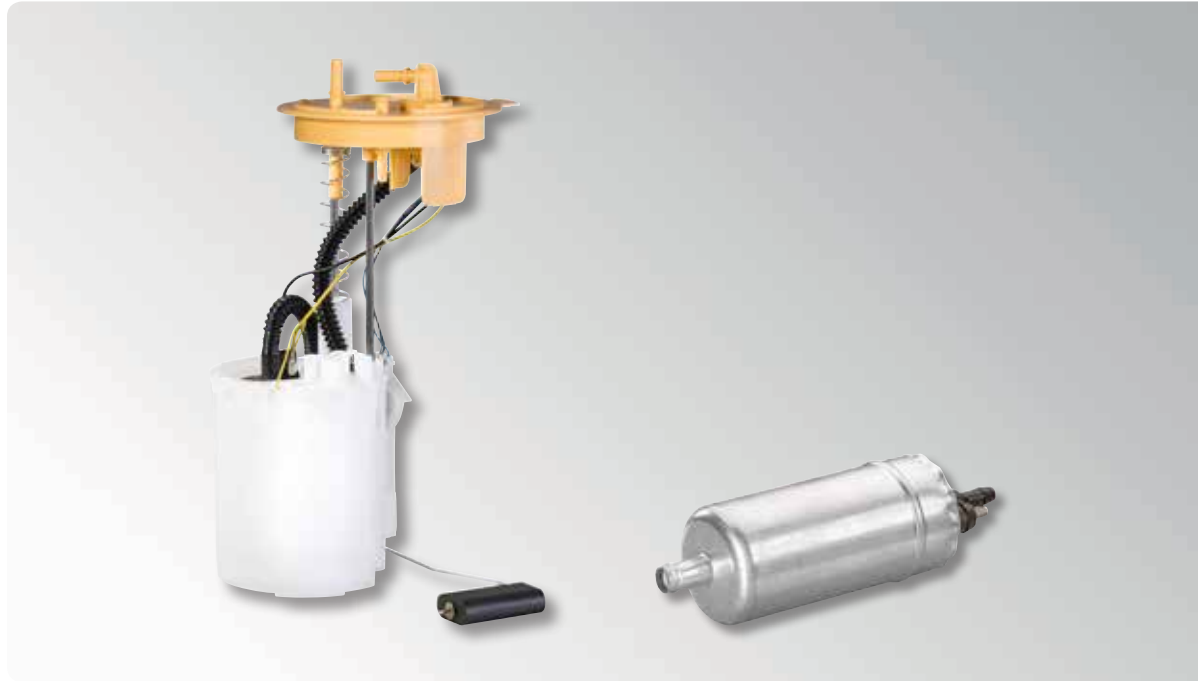




BRIEF INFORMATION

Fuel Pump Unit and Fuel Pump

- High quality standards
- Fits to a large scale of applications
- Designed to be easily mounted

FURTHER PRODUCT FEATURES AND FUNCTIONS

- The fuel pump is an integral part of the fuel delivery system of a vehicle
- Supplies the fuel from the fuel tank to the engine
- It is located inside the fuel tank
- Usually electrically powered
- Performance: operates at higher speeds and draw less current than older style pumps
- Advantage: each fuel feed unit comes together with the gasket

TECHNICAL DETAILS

Technical Data

Operating voltage	12 V
Current I [A]	between 5 A and 9 A
Delivery quantities (flow rate) Q [l/h]	between 60 and 250 l/h
Fuel-system pressures P [bar or kPa]	between 3 to 5 bars (300 to 500 kPa)

FUEL SYSTEMS

Fuel pumps

An engine is only as reliable as the fuel pump that supplies it with gas. The HELLA fuel pump is part of the fuel supply unit which operates in the tank. It ensures an absolutely reliable fuel supply at all times – and this is the case in a great number of widely differing vehicle makes and models.

Fuel supply units

The three most important parts of the fuel supply unit are the fuel pump itself, the fuel filter and the flange with its appropriate connections.

The supply unit often has a lever sensor or it operates in conjunction with an immersion tube sensor. The unit can be fitted with a swirl pot.

Fuel supply systems

When it comes to fuel pumps and feed modules, customers expect goods of the highest quality. With HELLA, workshops can rest assured that they will meet even the most discerning demands of their customers. Fuel supply systems from HELLA meet the same criteria as original parts and, what is more, they are permanently being developed and upgraded.

Electric fuel pumps

Electric fuel pumps are suitable for a wide range of applications and engine types. They can be easily installed and they always provide the optimal and exact amount of fuel required. Electric pumps boast a long service life and first-class functional reliability while at the same time keeping noise levels to a minimum.

They are manufactured in accordance with stringent quality standards and consequently one of their advantages is a high level of interference suppression.

GENERAL INFORMATION

What are the most common causes of fuel pump failures?

One of the top causes for fuel pump failure is contamination. This can be caused by dirt and debris entering the system from re-fueling or the use of poor quality fuel. Fuel pump overheating and wear can also cause failure.

Driving frequently on a low fuel tank can accelerate wear on the fuel pump due to debris on the bottom of the fuel tank being disturbed and entering the pump. It is interesting to note that over half of all fuel pump replacements are the result of misdiagnosis.

The complexity of modern vehicles leads to several systems that can disable the vehicle's fuel pump. Systems that one would not normally associate with the fuel system now have the ability to render the fuel pump inactive (e.g. security, drive train, oil / fuel pressure switches, etc.), which can result in a mis-diagnosis.

Vehicle symptoms that indicate the fuel pump may need to be replaced?

- Difficult or non starting
- Extended cranking
- Immediate or intermittent stalling
- Rough idle
- Poor acceleration
- Severe engine lag

RANGE OVERVIEW

Manufacturer	OE no.*	Product Description	Part number	Vehicle type	From model year
ALFA ROMEO	51868774	Fuel Pump Unit	8TF 358 106-001	MITO (955_)	08.2008
AUDI	1J0 919 051 J	Fuel Pump Unit	8TF 358 106-191	A3 (8L1)	09.1996
	1K0 919 050 AB	Fuel Pump Unit	8TF 358 106-051	A3 (8P1)	05.2003
				A3 convertible (8P7)	04.2008
				A3 Sportback (8PA)	09.2004
	1K0 919 051 AP	Fuel Pump Unit	8TF 358 106-041	A3 (8P1)	05.2003
				A3 Sportback (8PA)	09.2004
BMW	8E0 906 087 D	Fuel Pump Unit	8TF 358 106-281	A6 (4B2, C5)	01.1997
				A6 Avant (4B5, C5)	11.1997
	16 11 7 197 076	Fuel Pump Unit	8TF 358 106-031	1 (E81)	09.2006
				1 (E87)	02.2003
				1 convertible (E88)	03.2008
				1 Coupe (E82)	10.2006
				3 (E90)	02.2004
				3 convertible (E93)	05.2006
				3 Coupe (E92)	01.2005
				3 Touring (E91)	12.2004
				X1 (E84)	03.2009
	16 14 6 766 942	Fuel Pump Unit	8TF 358 106-241	3 (E46)	02.1998
				3 convertible (E46)	04.2000
				3 Compact (E46)	03.2001
				3 Coupe (E46)	02.1999
				3 Touring (E46)	10.1999
CITROËN	1525 97	Fuel Pump Unit	8TF 358 106-251	XSARA (N1)	04.1997
				XSARA Break (N2)	10.1997
				XSARA Coupe (N0)	01.1998
				XSARA box / station wagon	05.1998
				XSARA box / hatchback (N3_)	05.1998
				XSARA PICASSO (N68)	12.1999
FIAT	1525F7	Fuel Pump Unit	8TF 358 106-151	C3 Picasso	02.2009
	1525GY	Fuel Pump Unit	8TF 358 106-021	C3 Picasso	02.2009
	46473394	Fuel Pump Unit	8TF 358 106-301	PUNTO (176_)	09.1993
				PUNTO convertible (176_)	04.1994
	46523407	Fuel Pump Unit	8TF 358 106-161	PUNTO (188_)	09.1999
				PUNTO Van (188_)	02.2000
	46798695	Fuel Pump Unit	8TF 358 106-011	500 (312_)	10.2007
				500 C (312_)	09.2009
				PANDA (169_)	09.2003
				PANDA Van (169_)	03.2004
	51868774	Fuel Pump Unit	8TF 358 106-001	GRANDE PUNTO (199_)	10.2005
				PUNTO (199_)	03.2012
				PUNTO EVO (199_)	07.2008
				PUNTO EVO Van (199_)	03.2009
				PUNTO Van (199_)	02.2006
FORD	1 234 552. 3M51-9H307-AV	Fuel Pump Unit	8TF 358 106-081	C-MAX (DM2)	02.2007
				FOCUS C-MAX	10.2003
				FOCUS II (DA_, HCP)	07.2004
				FOCUS II convertible	10.2006
				FOCUS II notchback (DB_, FCH)	04.2005
				FOCUS II Turnier (DA_, FFS)	07.2004
	98AP9H307AK, 1106355	Fuel Pump Unit	8TF 358 106-221	FOCUS (DAW, DBW)	10.1998
				FOCUS notchback (DFW)	02.1999
				FOCUS Turnier (DNW)	02.1999
				TOURNEO CONNECT	06.2002
				TRANSIT CONNECT (P65_, P70_, P80_)	06.2002
	XS4U-9350-AA	Fuel Pump	8TF 358 106-551	FOCUS (DAW, DBW)	10.1998
				FOCUS notchback (DFW)	02.1999
				FOCUS Turnier (DNW)	02.1999
LANCIA	46473394	Fuel Pump Unit	8TF 358 106-301	Y (840_)	11.1995
	46523407	Fuel Pump Unit	8TF 358 106-161	YPSILON (843_)	10.2003
	467 39 809	Fuel Pump	8TF 358 106-501	Y (840_)	11.1995
NISSAN	17040-AX000	Fuel Pump Unit	8TF 358 106-091	MICRA C+C III (K12)	08.2005
				MICRA III (K12)	03.2002
				NOTE (E11, NE11)	01.2005

* OE number is only for comparative purposes

RANGE OVERVIEW

Manufacturer	OE no.*	Product Description	Part number	Vehicle type	From model year
OPEL	09120218, 815037	Fuel Pump	8TF 358 106-561	ASTRA G convertible (T98)	03.2001
				ASTRA G Caravan (T98)	02.1998
				ASTRA G CC (T98)	02.1998
				ASTRA G CLASSIC (T98)	03.2004
				ASTRA G CLASSIC Caravan (F35)	03.2004
				ASTRA G CLASSIC notchback (T98)	03.2004
				ASTRA G Coupe (T98)	03.2000
				ASTRA G box (F70)	01.1999
				ASTRA G notchback (T98)	09.1998
				TIGRA (S93)	07.1994
	815012, 90297154	Fuel Pump	8TF 358 106-621	VECTRA B (J96)	09.1995
				VECTRA B Caravan (J96)	11.1996
				VECTRA B CC (J96)	10.1995
				ZAFIRA A (T98)	04.1999
				ASTRA G Caravan (T98)	02.1998
				ASTRA G CC (T98)	02.1998
				ASTRA G box (F70)	01.1999
				ASTRA G notchback (T98)	09.1998
PEUGEOT	1525 46	Fuel Pump	8TF 358 106-581	406 (8B)	10.1995
				406 Break (8E/F)	10.1996
				406 Coupe (8C)	03.1997
				306 (7B, N3, N5)	04.1993
	1525 60	Fuel Pump Unit	8TF 358 106-311	306 Break (7E, N3, N5)	06.1994
				306 box / station wagon (N_, 7_)	07.1993
				306 box / hatchback	04.1993
				306 hatchback (7A, 7C, N3, N5)	01.1993
	1525F7	Fuel Pump Unit	8TF 358 106-151	607 (9D, 9U)	01.2000
	1525GY	Fuel Pump Unit	8TF 358 106-021	207 (WA_, WC_)	02.2006
	1525Y1	Fuel Pump Unit	8TF 358 106-201	207 CC (WD_)	02.2007
				207 notchback	12.2007
				207 SW (WK_)	02.2007
				207 Van	04.2007
	1525Y3	Fuel Pump Unit	8TF 358 106-231	206 hatchback (2A/C)	08.1998
				206 notchback	03.2007
				206 SW (2E/K)	07.2002
				206+ (T3E)	01.2009
RENAULT	77 00 426 361	Fuel Pump	8TF 358 106-511	406 (8B)	10.1995
				406 Break (8E/F)	10.1996
				406 Coupe (8C)	03.1997
				ESPACE III (JE0_)	11.1996
				KANGOO (KC0/1_)	08.1997
				KANGOO Express (FC0/1_)	08.1997
				LAGUNA I (B56_, 556_)	11.1993
				LAGUNA I Grandtour (K56_)	09.1995
				LAGUNA II (BG0/1_)	03.2001
				LAGUNA II Grandtour (KG0/1_)	03.2001
	82 00 057 324	Fuel Pump Unit	8TF 358 106-131	MASTER II Bus (JD)	03.1998
				MASTER II box (FD)	07.1998
				MASTER II Platform / Chassis (ED/HD/UD)	07.1998
				MEGANE I (BA0/1_)	08.1995
				MEGANE I Classic (LA0/1_)	09.1996
				MEGANE I Grandtour (KA0/1_)	03.1999
				CLIO II (BB_, CB_)	09.1998
				CLIO II box (SB0/1/2_)	09.1998
SAAB	4021358	Fuel Pump	8TF 358 106-541	900 I (AC4, AM4)	01.1979
				900 I convertible	10.1985
				900 I Combi Coupe	06.1978
				900 II	07.1993
				900 II convertible	09.1993
				900 II Coupe	12.1993
				9000	04.1985
				9000 hatchback	09.1984
				9-3 (YS3D)	02.1998
				9-3 convertible (YS3D)	02.1998
				9-5 (YS3E)	09.1997
				9-5 Combi (YS3E)	10.1998

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RANGE OVERVIEW

Manufacturer	OE no.*	Product Description	Part number	Vehicle type	From model year
SEAT	1H0 906 091	Fuel Pump	8TF 358 106-601	INCA (6K9)	11.1995
	1H0 906 091 D	Fuel Pump	8TF 358 106-631	CORDOBA (6K1, 6K2)	02.1993
				IBIZA II (6K1)	03.1993
				INCA (6K9)	11.1995
				TOLEDO I (1L)	01.1991
	1H0 919 051 AJ	Fuel Pump Unit	8TF 358 106-321	INCA (6K9)	11.1995
	1J0 919 051 J	Fuel Pump Unit	8TF 358 106-191	LEON (1M1)	11.1999
				TOLEDO II (1M2)	10.1998
	1K0 919 050 AB	Fuel Pump Unit	8TF 358 106-051	ALTEA (5P1)	03.2004
				ALTEA XL (5P5, 5P8)	10.2006
				LEON (1P1)	05.2005
				TOLEDO III (5P2)	04.2004
	1K0 919 051 AP	Fuel Pump Unit	8TF 358 106-041	LEON (1P1)	05.2005
				TOLEDO III (5P2)	04.2004
	6Q0 919 051 F	Fuel Pump Unit	8TF 358 106-101	CORDOBA (6L2)	09.2002
				IBIZA III (6L1)	02.2002
SKODA	1J0 919 051 J	Fuel Pump Unit	8TF 358 106-191	OCTAVIA I (1U2)	09.1996
				OCTAVIA I Combi (1U5)	07.1998
				ROOMSTER (5J)	03.2006
				ROOMSTER Praktik (5J)	03.2007
	1K0 919 050 AB	Fuel Pump Unit	8TF 358 106-051	OCTAVIA II (1Z3)	02.2004
				OCTAVIA II Combi (1Z5)	02.2004
				YETI (5L)	05.2009
	1K0 919 051 AP	Fuel Pump Unit	8TF 358 106-041	OCTAVIA II (1Z3)	02.2004
				OCTAVIA II Combi (1Z5)	02.2004
	6Q0 919 051 F	Fuel Pump Unit	8TF 358 106-101	FABIA I (6Y2)	08.1999
				FABIA I Combi (6Y5)	04.2000
				FABIA I Praktik (6Y5)	07.2001
				FABIA I notchback (6Y3)	10.1999
				FABIA II (542)	12.2006
VAUXHALL	09120218	Fuel Pump	8TF 358 106-561	FABIA II Combi (545)	10.2007
				ASTRA Mk IV (G) convertible (T98)	03.2001
				ASTRA Mk IV (G) CC (T98)	02.1998
				ASTRA Mk IV (G) Coupe (T98)	03.2000
				ASTRA Mk IV (G) Combi (T98)	02.1998
				ASTRA Mk IV (G) notchback (T98)	02.1998
				ASTRAVAN Mk IV (G) (T98)	08.1998
				TIGRA Mk I (S93)	07.1994
				VECTRA (B) CC (J96)	08.1995
				VECTRA (B) Combi (J96)	08.1995
				VECTRA (B) notchback (J96)	08.1995
				ZAFIRA Mk I (A) (T98)	11.1998
	815012, 90297154	Fuel Pump	8TF 358 106-621	ASTRA Mk IV (G) CC (T98)	02.1998
				ASTRA Mk IV (G) Combi (T98)	02.1998
				ASTRA Mk IV (G) notchback (T98)	02.1998
VW	1H0 906 091	Fuel Pump	8TF 358 106-601	ASTRAVAN Mk IV (G) (T98)	08.1998
				CADDY II box (9K9A)	11.1995
				CADDY II Estate (9K9B)	11.1995
				GOLF IV convertible (1E7)	06.1998
				POLO (6N1)	10.1994
				POLO CLASSIC (6V2)	11.1995
	1H0 906 091 D	Fuel Pump	8TF 358 106-631	CADDY II box (9K9A)	11.1995
				GOLF III (1H1)	08.1991
				GOLF III convertible (1E7)	07.1993
				GOLF III Variant (1H5)	07.1993
				PASSAT (3A2, 35I)	02.1988
				PASSAT Variant (3A5, 35I)	02.1988
				POLO (6N1)	10.1994
				POLO CLASSIC (6V2)	11.1995
				POLO Variant (6V5)	04.1997
				VENTO (1H2)	11.1991
	1H0 919 051 AJ	Fuel Pump Unit	8TF 358 106-321	CADDY II box (9K9A)	11.1995
				CADDY II Estate (9K9B)	11.1995
				GOLF IV convertible (1E7)	06.1998
				POLO (6N1)	10.1994
				POLO CLASSIC (6V2)	11.1995

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RANGE OVERVIEW

Manufacturer	OE no.*	Product Description	Part number	Vehicle type	From model year
VW	1H0 919 051 AK	Fuel Pump Unit	8TF 358 106-291	GOLF III (1H1)	08.1991
				GOLF III convertible (1E7)	07.1993
				GOLF III Variant (1H5)	07.1993
				GOLF IV convertible (1E7)	06.1998
	1J0 919 051 J	Fuel Pump Unit	8TF 358 106-191	VENTO (1H2)	11.1991
				BORA (1J2)	10.1998
				BORA Variant (1J6)	05.1999
				GOLF IV (1J1)	08.1997
				GOLF IV Variant (1J5)	05.1999
				NEW BEETLE (9C1, 1C1)	01.1998
				NEW BEETLE convertible (1Y7)	09.2002
	1K0 919 050 AB	Fuel Pump Unit	8TF 358 106-051	BEETLE (5C1, 5C2)	04.2011
				BEETLE convertible (5C7, 5C8)	12.2011
				EOS (1F7, 1F8)	03.2006
				GOLF PLUS (5M1, 521)	12.2004
				GOLF V (1K1)	10.2003
				GOLF V Variant (1K5)	06.2007
				GOLF VI (5K1)	10.2008
				GOLF VI convertible (517)	03.2011
				GOLF VI Variant (AJ5)	07.2009
				JETTA III (1K2)	08.2005
				JETTA IV (162, 163)	04.2010
				SCIROCCO (137, 138)	05.2008
	1K0 919 051 AP	Fuel Pump Unit	8TF 358 106-041	EOS (1F7, 1F8)	03.2006
				GOLF PLUS (5M1, 521)	12.2004
				GOLF V (1K1)	10.2003
				JETTA III (1K2)	08.2005
	3C0 919 050 D	Fuel Pump Unit	8TF 358 106-071	CC (358)	11.2011
				PASSAT (3C2)	03.2005
				PASSAT Variant (3C5)	08.2005
	6N0 919 051 K	Fuel Pump Unit	8TF 358 106-271	CADDY II box (9K9A)	11.1995
				CADDY II Pick-up (9U7)	06.1996
				POLO (6N1)	10.1994
				POLO CLASSIC (6V2)	11.1995
				VENTO (1H2)	11.1991
	6Q0 919 051 F	Fuel Pump Unit	8TF 358 106-101	POLO (9N_)	10.2001
				POLO notchback (9A4)	09.2002
	8E0 906 087 D	Fuel Pump Unit	8TF 358 106-281	PASSAT (3B2)	08.1996
				PASSAT Variant (3B5)	05.1997
				PASSAT Variant (3B6)	10.2000

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