### **TENNECO**

#### **ECE/EC\* TYPE-APPROVAL CERTIFICATE**

\* Approval authority for WALKER products type approvals are National Standards Authority of Ireland (NSAI) and Kraftfahrt-Bundesamt based on:

ECE (Economic Commission for Europe) Regulation No. 103 apply for WALKER Catalytic Converters and Diesel Particulate Filters and are complied with.

EC (European Communities) or EEC (European Economic Community) Directives (70/157/EEC with last amended) apply for WALKER Silencers and are complied with.

APPROVAL GRANTED FOR A REPLACEMENT PRODUCT NO: 12018

APPROVAL NO. / TYPE: DK 81-334-410

1. Applicant's name and address:

2. Manufacturer's trade name or mark:

3. Type and general commercial description:

4. Category of vehicle:

5. Means of identification of type, if marked:

5.1 Location of the marking:

6. Vehicle type(s) for which the replacement part qualifies:

7. Location and method of affixing of the approval mark:

8. Technical Service responsible for carrying out the tests:

Tenneco Automotive Eastern Europe Sp. z o. o.

WALKER; Fonos

See Approval No. / Type

M1 / N1

permanent stamp

on the bottom of replacement part

See the last pages with vehicles

embossed on the bottom side of part

TÜV SÜD Auto Service GmbH

This homologation offers protection to workshops and consumers by ensuring that the performance characteristics of WALKER products are in line with their corresponding OE parts.



In the case of another Approval no./Type on your product, please contact us, because the product could go through construction changes recently.

The official approval certificate is issued to customers on special request: AMEngineering@driv.com



**Silencers** 



**Catalytic Converters** 



EVO S & EVO C Diesel Particylate Filters



# WALKER MOUNTING INSTRUCTIONS FOR SILENCER, PIPE, CATALYTIC CONVERTER AND DIESEL PARTICULATE FILTER

#### GENERAL

- Ensure you have selected the correct part for your vehicle.
- It is essential to follow the car manufacturer's repair instructions in all cases.
- Always use new mounting components e.g. clamps, gaskets, hanger rubbers, nuts, screws, washer etc.
- When replacing any components of the exhaust line, loosen all connecting parts and adjust the exhaust line. When complete remember to re-tighten all parts.
- After the installation of any new components check if exhaust line is gas tight. Eliminate leakages.
- Walker's warranty will not apply to its products following the sale by the original end-user of the relevant vehicle and will be limited to the replacement of the defective product.

#### CATALYTIC CONVERTER AND DPF

- Even if it is not requested in the car manufacturer's repair instructions, we strongly recommend you replace any emission related sensors e.g. Lambda, Pressure, NOx etc. when changing the Catalytic Converters and/or DPF.
- Before replacing a Catalytic Converter and/or DPF make sure all other parts of the exhaust line are either original or homologated.
- Use appropriate Engine Tester to detect and resolve any Failure Codes. Make sure all registered Failures are completely re-solved before dismounting the Catalytic Converter and/or DPF.
- Use appropriate Engine Tester to reset the Engine Control Unit (ECU) as stated in the car manufacturer's repair instructions.
- When replacing a DPF follow the additional WALKER instructions enclosed with the part. Please note specifically the WALKER instructions about documentation.
- Upfront Catalytic Converter or DPF, never use mounting and/or sealing past as content can destroy the function of Catalytic Converter and/or DPF.





#### WARRANTY CERTIFICATE FOR REPLACEMENT WALKER PRODUCT

Warranty terms Walker® <u>mufflers</u>, <u>pipes</u>, <u>catalytic converters</u> and <u>diesel particles filters</u> (valid only in EU countries). Walker warrants its products, to its customers, against defect in workmanship and materials, including abnormal wear and tear, upon the following terms and conditions:

**Product Duration:** Walker 3 years from purchase by original end-user.

Walker's warranty will not apply to its products following the sale by the original end-user of the relevant vehicle and will be limited to the replacement of the defective product.

#### **Excluded from warranty are:**

- 1. Exhaust parts fitted contrary to application information in the Walker catalogue or its subsequent amendments.
- 2. Exhaust parts which have been modified or damaged by incorrect mounting or incorrect use of the vehicle, contrary to the car manufacturer's specifications or Walker's.
- 3. Use of the parts in vehicles for which the units were not designed as indicated in the Walker catalogue or its subsequent amendments.
- 4. Premature wear-out caused by re-use of rubber mounting parts such as: rubber mountings, clamps, gaskets, gasket rings, connection pipes, special bolts, springs, etc.
- 5. Damages caused by an accident or impact from a foreign object (like speed bumps, stones etc.).
- 6. Use of Walker® exhaust parts in exhaust systems equipped with non-homologated components (such as non-homologated silencers, catalytic converter, diesel particle filters, etc.).
- 7. Defects caused by lack of maintenance or maintenance improperly executed on the vehicle.
- 8. Defects caused by engine components malfunction or not related to Walker® part manufacturing process (like misfiring, damaged injectors, exhaust gas recirculation malfunction, turbo charger malfunction, lambda or temperature sensors malfunction, air leaks due to wrong fitting process, etc.).
- 9. Use of non-EU approved products in the system (such as putty paste upstream last electronic sensor in the exhaust system).
- 10. Use of non-EU approved fuels, sump oil or additives (like fuels with biofuel content over 10% or diesel particle filter cleaner additives) or in non-conformity with the engine manual of the vehicle.
- 11. Exhaust parts damaged while used in rally or racing sports.
- 12. Reconditioned or recycled exhaust parts.

The warranty will apply only if the original invoice of the part is shown to the dealer and if the vehicle owner is the same as the one who purchased the part.

The warranty program will be administrated by the installer, who will investigate each claim and provide the distributor with all relevant information concerning warranty claims such as:

- consumer's name and address,
- vehicle identification data,
- fitting or sales dates,
- proof of purchase documents,
- exhaust part number,
- description of defect.





# DESCRIPTION OF THE VEHICLE TYPE OR TYPES FOR WHICH THE WALKER REPLACEMENT PRODUCT IS INTENDED



https://web.tecalliance.net/driv

VEHICLE TYPE (MAKE / MODEL)	MODEL YEAR	ENGINE CODE	CC	KW
VOLVO / 240 (P242 P244)	01/1990 -> 12/1993		1986	82
VOLVO / 240 Kombi (P245)	04/1979 -> 08/1993		2383	60
VOLVO / 240 Kombi (P245)	04/1979 -> 08/1993	D 24	2383	60
VOLVO / 260 Estate (P265)	07/1975 -> 07/1982		2664	103
VOLVO / 140 (142 144)	08/1968 -> 07/1974	D	1986	60
VOLVO / 140 (142 144)	08/1968 -> 07/1974	B;B 20 A	1986	60
VOLVO / 140 Estate (145)	08/1968 -> 07/1974		1986	60
VOLVO / 140 (142 144)	08/1971 -> 07/1972		1986	70
VOLVO / 140 Estate (145)	08/1972 -> 07/1974		1986	70
VOLVO / 140 Estate (145)	08/1972 -> 07/1974		1986	74
VOLVO / 164 (164)	08/1972 -> 07/1974	B 30 E;B30F	2978	118
VOLVO / 240 (P242 P244)	08/1974 -> 07/1975		2127	71
VOLVO / 240 Kombi (P245)	08/1974 -> 07/1975	B 20 A	1986	60
VOLVO / 240 (P242 P244)	08/1974 -> 07/1976	B 20 A	1986	60
VOLVO / 240 (P242 P244)	08/1974 -> 07/1976	2 20 71	1986	60
VOLVO / 260 (P262 P264)	08/1974 -> 07/1980	B 27 E	2664	103
VOLVO / 240 (P242 P244)	08/1974 -> 09/1983	E	2127	90
VOLVO / 240 (P242 P244)	08/1974 -> 09/1983	B 21 E	2127	90
VOLVO / 240 (P242 P244)	08/1974 -> 09/1983	B21A	2127	90
VOLVO / 240 Kombi (P245)	08/1974 -> 09/1983	E	2127	90
VOLVO / 240 Kombi (P245)	08/1974 -> 09/1983	B 21 E	2127	90
VOLVO / 240 Kombi (P245)	08/1974 -> 09/1983	B21A	2127	90
VOLVO / 240 (P242 P244)	08/1975 -> 07/1980	DZIA	2127	76 74
VOLVO / 240 (P242 P244)	08/1975 -> 07/1980	B 21 A;E	2127	74 74
VOLVO / 240 (F242 F244) VOLVO / 240 Kombi (P245)	08/1975 -> 07/1980	D Z I A,L	2127	74 74
VOLVO / 240 Kombi (P245)	08/1975 -> 07/1980	E	2127	74 74
VOLVO / 240 Kombi (P245)	08/1975 -> 07/1980	B 21 A	2127	74 74
VOLVO / 240 Kombi (P245)	08/1976 -> 01/1982	B19A	1986	74 66
VOLVO / 240 KOMBI (P245)	08/1976 -> 07/1979	DITA	1986	66
		B 10 A	1986	
VOLVO / 240 (P242 P244)	08/1976 -> 07/1979	B 19 A	2664	66 92
VOLVO / 260 (P262 P264)	08/1976 -> 07/1982	B 27 A		
VOLVO / 260 (P262 P264)	08/1978 -> 07/1982	D 2/	2664	109
VOLVO / 240 (P242 P244)	08/1978 -> 07/1985	D 24	2383	60
VOLVO / 240 (P242 P244)	08/1978 -> 07/1985		2383	60
VOLVO / 260 (P262 P264)	08/1980 -> 07/1982	D 00 F	2849	114
VOLVO / 260 (P262 P264)	08/1980 -> 07/1982	B 28 E	2849	114
VOLVO / 260 (P262 P264)	08/1980 -> 07/1982	B 28 A	2849	95
VOLVO / 260 Estate (P265)	08/1980 -> 07/1982	B28E	2849	114
VOLVO / 240 (P242 P244)	08/1980 -> 07/1983	B23A;E	2316	100
VOLVO / 240 (P242 P244)	08/1980 -> 07/1984	B200KE	2127	79
VOLVO / 240 (P242 P244)	08/1980 -> 07/1984		2127	79
VOLVO / 240 (P242 P244)	08/1980 -> 07/1984		2316	82
VOLVO / 240 (P242 P244)	08/1980 -> 07/1984	B230A	2316	82
VOLVO / 240 (P242 P244)	08/1980 -> 07/1984	B23E	2316	82
VOLVO / 240 (P242 P244)	08/1980 -> 07/1984	B 23 A;E	2316	82
VOLVO / 240 Kombi (P245)	08/1980 -> 07/1984	B200KE	2127	79
VOLVO / 240 Kombi (P245)	08/1980 -> 07/1984		2127	80



08/1980 -> 07/1984		2316	82
			82
08/1980 -> 07/1984	B23E	2316	82
08/1980 -> 07/1984	B 23 A;E	2316	82
08/1980 -> 12/1984		1986	71
08/1980 -> 12/1984		2316	100
08/1983 -> 07/1985	B230A	2316	96
08/1983 -> 07/1985	E	2316	96
08/1984 -> 07/1985	B230A	2316	96
08/1984 -> 07/1985	E	2316	96
08/1984 -> 07/1986	B 230 A;B23A	2316	81
08/1984 -> 07/1986	E	2316	81
08/1984 -> 07/1986	B 230 A;B23A	2316	81
08/1984 -> 07/1986	E	2316	81
08/1986 -> 07/1987	B 230 F	2315	83
08/1986 -> 07/1987	B 230 F	2316	83
08/1986 -> 07/1993		2316	85
08/1986 -> 07/1993	B 230 F;B230FX	2316	85
08/1986 -> 07/1993		2316	85
08/1986 -> 07/1993	B 230 F;B230FX	2316	85
08/1986 -> 12/1988	B230F	2316	85
08/1986 -> 12/1988	B230F	2316	85
08/1987 -> 08/1993		2383	58
08/1987 -> 08/1993	D 24	2383	58
08/1988 -> 08/1993		2383	58
09/1972 -> 08/1975	B;B20A;D	1998	85
09/1974 -> 12/1975		1986	60
09/1974 -> 12/1975	B20A	1986	60
09/1978 -> 08/1983		1986	71
09/1978 -> 08/1983	B19E	1986	71
10/1978 -> 07/1982		2664	109
11/1968 -> 09/1972		1986	74
	08/1980 -> 07/1984 08/1980 -> 07/1984 08/1980 -> 07/1984 08/1980 -> 12/1984 08/1980 -> 12/1984 08/1983 -> 07/1985 08/1983 -> 07/1985 08/1984 -> 07/1985 08/1984 -> 07/1985 08/1984 -> 07/1986 08/1984 -> 07/1986 08/1984 -> 07/1986 08/1984 -> 07/1986 08/1984 -> 07/1986 08/1986 -> 07/1987 08/1986 -> 07/1987 08/1986 -> 07/1987 08/1986 -> 07/1993 08/1986 -> 07/1993 08/1986 -> 07/1993 08/1986 -> 07/1993 08/1986 -> 07/1993 08/1986 -> 07/1993 08/1986 -> 07/1993 08/1986 -> 07/1993 08/1986 -> 07/1993 08/1986 -> 08/1993 08/1987 -> 08/1993 08/1987 -> 08/1993 09/1974 -> 12/1975 09/1974 -> 12/1975 09/1978 -> 08/1983 09/1978 -> 08/1983 10/1978 -> 08/1983	08/1980 -> 07/1984 B230A 08/1980 -> 07/1984 B23E 08/1980 -> 07/1984 B23E 08/1980 -> 12/1984 08/1983 -> 07/1985 B230A 08/1983 -> 07/1985 B230A 08/1984 -> 07/1985 B230A 08/1984 -> 07/1985 B230A 08/1984 -> 07/1985 B230A 08/1984 -> 07/1986 B230 A;B23A 08/1986 -> 07/1987 B230 F 08/1986 -> 07/1987 B230 F 08/1986 -> 07/1987 B230 F 08/1986 -> 07/1993 B230 F;B230 FX 08/1986 -> 08/1993 B230 F;B230 FX 08/1986 -> 08/1993 B230 F;B230 FX 08/1987 -> 08/1983 B230 F;B230 FX 09/1978 -> 08/1983 B19E 10/1978 -> 08/1983 B19E	08/1980 -> 07/1984 B230A 2316 08/1980 -> 07/1984 B23E 2316 08/1980 -> 07/1984 B23E 2316 08/1980 -> 12/1984 B23 A;E 2316 08/1980 -> 12/1984 1986 08/1980 -> 12/1984 2316 08/1983 -> 07/1985 B230A 2316 08/1983 -> 07/1985 B230A 2316 08/1984 -> 07/1986 B230 A;B23A 2316 08/1986 -> 07/1987 B230 F 2315 08/1986 -> 07/1987 B230 F 2316 08/1986 -> 07/1997 B230 F 2316 08/1986 -> 07/1997 B230 F 2316 08/1986 -> 07/1993 B230 F;B230 FX 2316 08/1986 -> 12/1988 B230 F 2316 08/1986 -> 12/1988 B230 F 2316 08/1987 -> 08/1993 D24 2383 09/1972 -> 08/1975 B20A 1986 09/1974 -> 12/1975 B20A 1986 09/1978 -> 08/1983 B19E 1986 10/1978 -> 08/1983 B19E 1986

