

Hybrid

AUTO CAR



Setrab

SPAL
AUTOMOTIVE

HYBRID
AUTO COOLER

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Hybrid Auto Car has been established since 2017. We are a workshop specializing in service, maintenance, and oil cooler installation.

Our hands-on workshop experience gives us strong technical expertise and a deep understanding of customer needs. Since 2019, we have been the sole distributor of Setrab in Thailand and Southeast Asia. In 2025, we also became an authorized distributor of SPAL. In addition, Hybrid Auto Cooler is our in-house brand. Today, we are seeking distributors worldwide.

Setrab

Oil coolers made in Sweden since 1968, known for the best quality and performance. Setrab supplies to supercars such as Ferrari, Lamborghini, McLaren, Bentley, Aston Martin, Mercedes-AMG, Lotus, Audi Sport, Ford GT, Lexus, as well as motorsport teams all around the world.

SPAL

High-performance fans made in Italy since 1959. SPAL fans are renowned for their outstanding durability, reliability, and professional use in the global automotive industry.

Hybrid auto cooler

Our in-house brand offering high-quality products at affordable prices, including oil coolers, oil cooler adapters, oil hoses, fittings, fan controllers, billet engine oil warmers, and more.



Billet : Engine Oil Warmer

WHY?

“Billet engine oil warmer”

Some cars may come equipped with a device called an engine oil warmer installed from the factory.

After long-term use, for example after 100,000 km, it may develop a problem where oil leaks internally, causing the engine oil and coolant to mix.

This issue can lead to serious engine damage.

When it occurs, repairing the engine and radiator system can be very costly.

You can prevent this issue 100% by replacing it with our product “Billet Engine Oil Warmer”. Just choose your model and bolt it on.



Billet Oil Warmer : for Europe cars

BMW



Billet Oil Warmer : BMW

Part no. BE-07	OEM number : 11428507626
Model : F10 , F30 , F02 , E84 ect.	
Engine type : N47 , N57	



Billet Oil Warmer : BMW

Part no. BE-08	OEM number : 11428637812
Model : F30 , F10 , F25 , E84 , E89 ect	
Engine type : N20 , N52 , N55	



Billet Oil Warmer : BMW

Part no. BE-09	OEM number : 11428596283
Model : F10 , F30 , F20 , F25 , G20 , G30 , G01 , G02 ect	
Engine type : B47 , B48 *Rear wheel drive	



Billet Oil Warmer : BMW

Part no. BE-14	OEM number : 11428585235
Model : X1 F48 , Mini F60 ect	
Engine type : B47 , B38 *Front wheel drive	



Billet Oil Warmer : BMW

Part no. BE-15	OEM number : 11427508967
Model : E46 , E90 , E83 , E84 , E85 , E60 ect	
Engine type : N43 , N46	



Billet Oil Warmer : BMW

Part no. BE-16	OEM number : 11428583895
Model : G11 , G12 , G30 , G01 , G05 , G07 ect	
Engine type : B57 , B58	



Billet Oil Warmer : BMW

Part no. BE-35	OEM number : 11417600468
Model : F20 , F21 , F30 ect	
Engine type : N13	



Billet Oil Warmer : BMW

Part no. BE-29	OEM number : 11427787698
Model : E60 , E90 , E46 , E83 ect	
Engine type : M47	



Billet Oil Warmer : BMW

Part no. BE-30	OEM number : 11427807799
Model : F10 , F02 , E90 , E84 ect	
Engine type : N47 (1st gen)	



Billet Oil Warmer : BMW

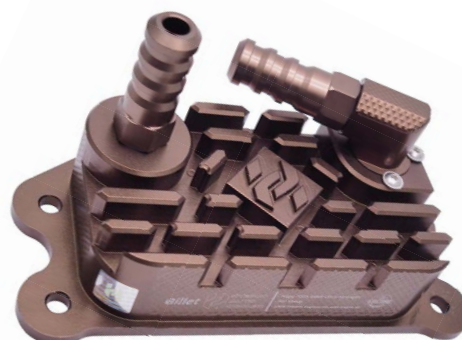
Part no. BE-33	OEM number : 11428580414
Model : G20 , G30 , G01 , G22 ect	
Engine type : B48 (Gen2)	

Volvo



Billet Oil Warmer : VOLVO

Part no. BE-31	OEM number : 31368636
Model : S60 , S90 , V40 , V60 , V70 , V90 , XC40 , XC60 , XC70 , XC90 ect	
Engine type : T4 (2013-2025)	



Billet Oil Warmer : VOLVO

Part no. BE-18	OEM number : 30774483
Model : S40 , S60 , S80 , V40 , V60 , XC60 , XC70 ect	
Engine type : T5 (2004-2013)	

Mini



Billet Oil Warmer : MINI

Part no. BE-17	OEM number : 11427552687
Model : R56 , R60 , R58 ect	
Engine type : N14 , N18	

Mercedes-Benz



Billet Oil Warmer : Mercedes Benz

Part no. BE-32	OEM number : 6541800265
Model : W213 , W205 , W167 , W206 , X253 , C257 ect	
Engine type : OM654	

Mercedes-Benz



Billet Oil Warmer : Mercedes Benz

Part no. BE-13	OEM number : 2701800810
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Model : W117 , W156 , W176 ect

Engine type : M270



Billet Oil Warmer : Mercedes Benz

Part no. BE-10	OEM number : 6511801310
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Model : w204 , w207 , w212

Engine type : Diesel OM651



Billet Oil Warmer : Mercedes Benz

Part no. BE-12	OEM number : 2741880101
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Model : W204 , W205 , W207 , W212 , R172 , W213 ect

Engine type : M274



Billet Oil Warmer : Mercedes Benz

Part no. BE-04	OEM number : 2711880301
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Model : W204 , W207 , W212 , R172 ect

Engine type : M271 evo



Billet Oil Warmer : Mercedes Benz

Part no. BE-19	OEM number : 2711880401
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Model : W204 , W207 , W203 , W209 , W211 , R171 ect

Engine type : m271.952



Billet Oil Warmer : Mercedes Benz

Part no. BE-20	OEM number : 6461880301
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Model : W211 , W203 , W639 ect

Engine type : OM646

Billet Oil Warmer : for Asia&USA cars

TOYOTA



Billet Oil Warmer : TOYOTA

Part no. BE-03	OEM number : 15071-0E010
Model : REVO , Fortuner , Innova	
Engine type : Diesel 1gd , 2gd	

ISUZU



Billet Oil Warmer : ISUZU

Part no. BE-28	OEM number : 8983476010
Model : D-max , Mu-X	
Engine type : Diesel RZ4E	

HONDA



Billet Oil Warmer : HONDA

Part no. BE-21	OEM number : 15500RZ0G01
Model : CRV G5	
Engine type : Diesel N16A	

MITSUBISHI



Billet Oil Warmer : MITSUBISHI

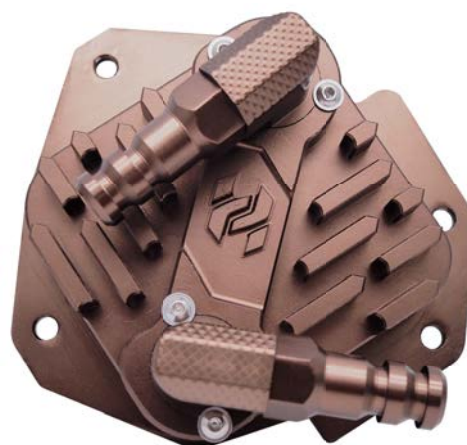
Part no. BE-22	OEM number : 1240A100
Model : Pajero , Triton	
Engine type : Diesel 4n15	

MAZDA



Billet Oil Warmer : MAZDA 2 Diesel

Part no. BE-28	OEM number : S550-14-700
Model : 2 , CX-3	
Engine type : Diesel skyactive D 1.5L	



Billet Oil Warmer : MAZDA CX5

Part no. BE-23	OEM number : SH01-14-700
Model : CX-5	
Engine type : Diesel skyactive D 2.2L	

HYUNDAI



Billet Oil Warmer : HYUNDAI

Part no. BE-24	OEM number : 264214A700
Model : H1	
Engine type : Diesel H1A2	

KIA



Billet Oil Warmer : KIA

Part no. BE-25	OEM number : 264102F020
Model : Carnival g3 , Hyundai staria	
Engine type : Diesel 2.2 CRDI	

FORD



Billet Oil Warmer : FORD

Part no. BE-01	OEM number : BB3Q6B624EA
Model : Ranger T6 , Everest , Mazda BT-50 Pro	
Engine type : Diesel 2.2L , 3.2L TDCI	



Billet Oil Warmer : FORD

Part no. BE-02	OEM number : MB3Q6B624AA
Model : Ranger , Everest	
Engine type : Diesel 2.0L Bi-Turbo	

CHEVROLET



Billet Oil Warmer : CHEVROLET

Part no. BE-26	OEM number : 68032203AA
Model : Trailblazer , Corolado	
Engine type : Diesel XLD28	



Billet Oil Warmer : CHEVROLET

Part no. BE-27	OEM number : 96868256
Model : Captiva	
Engine type : Diesel 2.0 VCDI	

FORD



Billet Coolant Thermo : FORD

Part no. BE-05	OEM number : KK3Q-9K478-AB
Model : Coolant Thermostat	
Engine type : Diesel 2.0L	
*MAHLE 82c inside	
*Alloy 7075 billet housing	

Billet Coolant Thermo : FORD

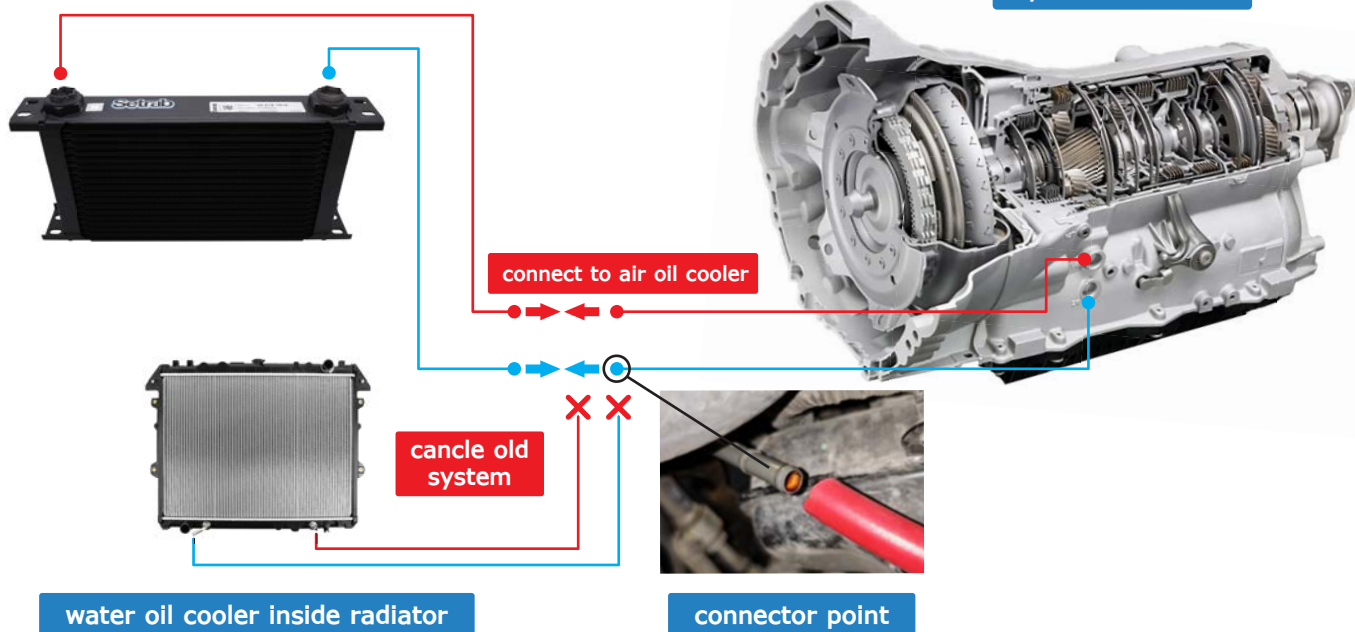
Part no. BE-05	OEM number : KK3Q-9K478-BA
Model : Coolant Thermostat	
Engine type : Diesel 2.0L	
*MAHLE 82c inside	
*Alloy 7075 billet housing	

Oil Cooler Set : Automatic Transmission (no need adapter)

Part no : TO-NH

AIR Oil-Cooler

A/T Transmission



PRODUCT DETAIL



Oil Cooler's Fitting 0°
*can be upgrade to 90°



3/8" oil cooler hose
parker or >AEM<



spring clamp
screw clamp

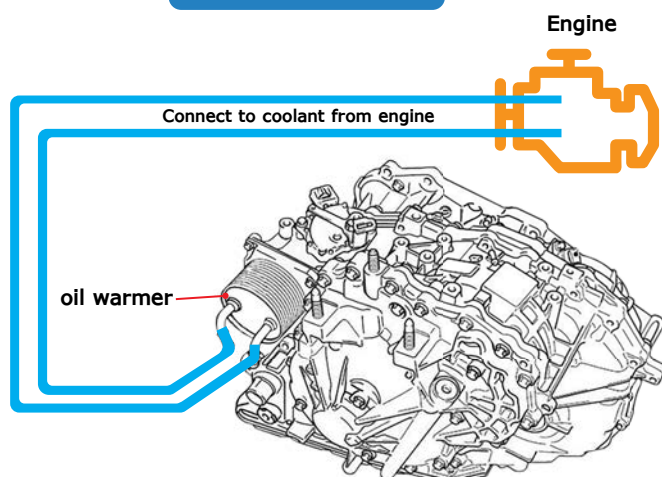


mounting kits

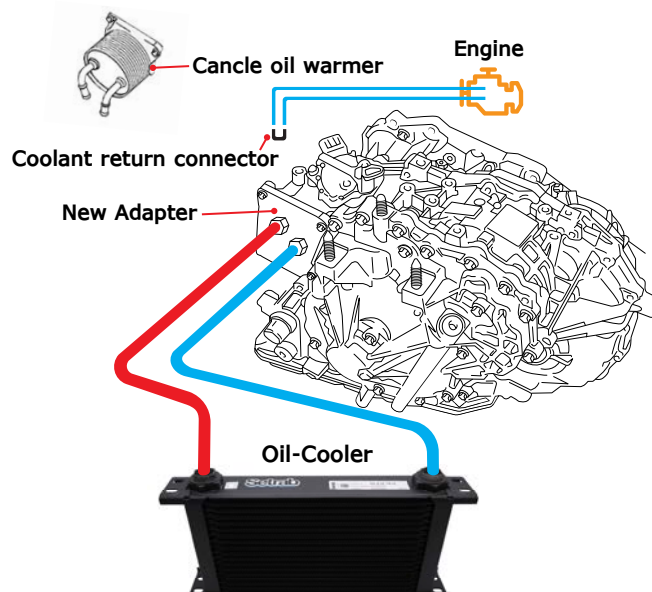
Oil Cooler Set : Automatic Transmission (need adapter)

Part no : TO-AH

Old System



New air oil cooler system



PRODUCT DETAIL



SPECIAL ADAPTER
ALLOY 7075

"Life Time Warranty"



3/8" oil cooler hose
parker or >AEM<



Oil Cooler's Fitting 0°
*can be upgrade to 90°



spring clamp
OEM



mounting kits

Adapter : AT / DCT / DSG



Adapter : HONDA

PART No : TA-06 AT CODE : ZF9 TRANS TYPE : AT
MODEL : CRV G5 diesel CONNECTOR : Push-on 3/8 , AN6
OEM NUMBER : 00031624

- Aircraft High-Strength Alloy7075.
- Special Push-lock Connector Design. Viton Seal
- Life Time Warranty



Adapter : BMW , MINI

PART No : TA-15 AT CODE : GA8F22AW TRANS TYPE : AT
MODEL : X1 F48 , Mini F60 CONNECTOR : Push-on 3/8 , AN6
OEM NUMBER : 8627861

- Aircraft High-Strength Alloy7075.
- Special Push-lock Connector Design. Viton Seal
- Life Time Warranty



Adapter : HONDA

PART No : TA-07 AT CODE : MKEA TRANS TYPE : AT
MODEL : Accord J30 CONNECTOR : Push-on 3/8 , AN6
OEM NUMBER : 19430-RCA-A51

- Aircraft High-Strength Alloy7075.
- Special Push-lock Connector Design. Viton Seal
- Life Time Warranty



Adapter : MINI

PART No : TA-16 AT CODE : GA6F21VA TRANS TYPE : AT
MODEL : R56 , R58 , Countryman R60 CONNECTOR : Push-on 3/8 , AN6
OEM NUMBER : 24117551091

- Aircraft High-Strength Alloy7075.
- Special Push-lock Connector Design. Viton Seal
- Life Time Warranty



Adapter : Mazda

PART No : TA-11 AT CODE : CW6A-EL TRANS TYPE : AT
MODEL : 2 Skyactive Gasoline CONNECTOR : Push-on 3/8 , AN6
OEM NUMBER : FZ1A-19-9F3

- Aircraft High-Strength Alloy7075.
- Special Push-lock Connector Design. Viton Seal
- Life Time Warranty



Adapter : Mercedes-Benz

PART No : TA-17 AT CODE : 724.0 7G TRANS TYPE : DCT
MODEL : CLA , GLA CONNECTOR : Push-on 3/8 , AN6
OEM NUMBER : A2465010501

- Aircraft High-Strength Alloy7075.
- Special Push-lock Connector Design. Viton Seal
- Life Time Warranty



Adapter : Mazda

PART No : TA-12 AT CODE : FW6A-EL TRANS TYPE : AT
MODEL : 2 Diesel , CX-3 diesel , 3 Gasoline , CX-5 , CX-8 CONNECTOR : Push-on 3/8 , AN6
OEM NUMBER : FZ21-19-9F3

- Aircraft High-Strength Alloy7075.
- Special Push-lock Connector Design. Viton Seal
- Life Time Warranty



Adapter : Volkswagen , Audi

PART No : TA-18 AT CODE : DQ250 TRANS TYPE : DSG
MODEL : FWD 6speed CONNECTOR : Push-on 3/8 , AN6
OEM NUMBER : 02E 409 061B

- Aircraft High-Strength Alloy7075.
- Special Push-lock Connector Design. Viton Seal
- Life Time Warranty



Adapter : Ford , Mazda , BMW

PART No : TA-13 AT CODE : 6R80/10R60/10R80/ZF8 TRANS TYPE : AT
MODEL : Ranger , Everest , Raptor , 3 Gasoline , CX-5 , CX-8 CONNECTOR : Push-on 3/8 , AN6
OEM NUMBER : AB397A095 , JB3Z7A095C

- Aircraft High-Strength Alloy7075.
- Special Push-lock Connector Design. Viton Seal
- Life Time Warranty



Adapter : Volkswagen , Audi

PART No : TA-19 AT CODE : DQ381 TRANS TYPE : DSG
MODEL : FWD 7speed CONNECTOR : Push-on 3/8 , AN6
OEM NUMBER : 0GC 317 019 E

- Aircraft High-Strength Alloy7075.
- Special Push-lock Connector Design. Viton Seal
- Life Time Warranty



Adapter : BMW

PART No : TA-14 AT CODE : ZF6 TRANS TYPE : AT
MODEL : ZF5 , ZF6 CONNECTOR : Push-on 3/8 , AN6
OEM NUMBER :

- Special Push-lock Connector Design. Viton Seal
- Life Time Warranty



Adapter : Volkswagen , Audi

PART No : TA-20 AT CODE : OCK TRANS TYPE : DSG
MODEL : TFSI RWD 7speed CONNECTOR : Push-on 3/8 , AN6
OEM NUMBER : 4K0317021

- Aircraft High-Strength Alloy7075.
- Special Push-lock Connector Design. Viton Seal
- Life Time Warranty

Adapter : AT / DCT / DSG



Adapter : Volkswagen , Audi

PART No : TA-21 AT CODE : DQ500 TRANS TYPE : DSG
 MODEL : Caravelle T5,T6 CONNECTOR : Push-on 3/8 , AN6
 OEM NUMBER : 0BT317019

- Aircraft High-Strength Alloy7075.
- Special Push-lock Connector Design. Viton Seal
- Life Time Warranty



Adapter : Mercedes-Benz

PART No : TA-30 AT CODE : 722.6 TRANS TYPE : AT
 MODEL : 5 speed CONNECTOR : Push-on 3/8 , AN6
 OEM NUMBER :

- Special Push-lock Connector Design.
- Life Time Warranty



Adapter : Volvo

PART No : TA-22 AT CODE : TF-71SC TRANS TYPE : AT
 MODEL : 6 speed CONNECTOR : Push-on 3/8 , AN6
 OEM NUMBER : N/A

- Aircraft High-Strength Alloy7075.
- Special Push-lock Connector Design. Viton Seal
- Life Time Warranty



Adapter : Mercedes-Benz

PART No : TA-31 AT CODE : 722.9 TRANS TYPE : AT
 MODEL : 7 speed CONNECTOR : Push-on 3/8 , AN6
 OEM NUMBER :

- Aircraft High-Strength Alloy7075.
- Special Push-lock Connector Design. Viton Seal
- Life Time Warranty



Adapter : Volvo

PART No : TA-23 AT CODE : TG-81SC TRANS TYPE : AT
 MODEL : 8 speed CONNECTOR : Push-on 3/8 , AN6
 OEM NUMBER : 31437022

- Aircraft High-Strength Alloy7075.
- Special Push-lock Connector Design. Viton Seal
- Life Time Warranty



Adapter : Lexus

PART No : TA-32 AT CODE : A960E TRANS TYPE : AT
 MODEL : Lexus IS250 CONNECTOR : Push-on 3/8 , AN6
 OEM NUMBER : 124100-7130

- Aircraft High-Strength Alloy7075.
- Special Push-lock Connector Design. Viton Seal
- Life Time Warranty



Adapter : Volvo

PART No : TA-24 AT CODE : TG-81SD TRANS TYPE : AT
 MODEL : 8 speed Hybrid CONNECTOR : Push-on 3/8 , AN6
 OEM NUMBER : N/A

- Aircraft High-Strength Alloy7075.
- Special Push-lock Connector Design. Viton Seal
- Life Time Warranty



Adapter : Volvo / RangRover

PART No : TA-25 AT CODE : TF-80SC TRANS TYPE : AT
 MODEL : 6 speed CONNECTOR : Push-on 3/8 , AN6
 OEM NUMBER : N/A

- Special Push-lock Connector Design. Viton Seal
- Life Time Warranty



Adapter : RangRover

PART No : TA-26 AT CODE : ZF9hp48 TRANS TYPE : AT
 MODEL : Evoque ZF9 CONNECTOR : Push-on 3/8 , AN6
 OEM NUMBER : LR049900

- Aircraft High-Strength Alloy7075.
- Special Push-lock Connector Design. Viton Seal
- Life Time Warranty

Adapter : CVT



Adapter : TOYOTA CVT

PART No : TA-01 AT CODE : K111 TRANS TYPE : CVT
 MODEL : Corolla , C-HR , Sienta CONNECTOR : Push-on 3/8 , AN6
 OEM NUMBER : 3349320100
 - Aircraft High-Strength Alloy7075.
 - Special Push-lock Connector Design. Viton Seal
 - Life Time Warranty



Adapter : TOYOTA CVT

PART No : TA-02 AT CODE : K412 TRANS TYPE : CVT
 MODEL : Ativ 2018 CONNECTOR : Push-on 3/8 , AN6
 OEM NUMBER : 32970-52010
 - Aircraft High-Strength Alloy7075.
 - Special Push-lock Connector Design. Viton Seal
 - Life Time Warranty



Adapter : TOYOTA CVT

PART No : TA-03 AT CODE : 3NRVE TRANS TYPE : CVT
 MODEL : Ativ 2022 CONNECTOR : Push-on 3/8 , AN6
 OEM NUMBER : 33490B2030
 - Aircraft High-Strength Alloy7075.
 - Special Push-lock Connector Design. Viton Seal
 - Life Time Warranty



Adapter : HONDA CVT

PART No : TA-04 AT CODE : G2AA TRANS TYPE : CVT
 MODEL : Civic FC , Jazz GK City gm6 , HR-V , BR-V CONNECTOR : Push-on 3/8 , AN6
 OEM NUMBER : 25560-R3W-003
 - Aircraft High-Strength Alloy7075.
 - Special Push-lock Connector Design. Viton Seal
 - Life Time Warranty



Adapter : HONDA CVT

PART No : TA-05 AT CODE : MRLA , BRHA TRANS TYPE : CVT
 MODEL : Civic FK,FE , Accord G10 CRV G5 gasoline , Step Wagon CONNECTOR : Push-on 3/8 , AN6
 OEM NUMBER : 25560-5LJ-004
 - Aircraft High-Strength Alloy7075.
 - Special Push-lock Connector Design. Viton Seal
 - Life Time Warranty



Adapter : Nissan / Mitsubishi CVT

PART No : TA-08 AT CODE : JF015E TRANS TYPE : CVT
 MODEL : March , Almera , Juke , Sylphy , Pulsar , Note , Liviana , Attrage , Mirage CONNECTOR : Push-on 3/8 , AN6
 OEM NUMBER : 21606-3Jx0a
 - Aircraft High-Strength Alloy7075.
 - Special Push-lock Connector Design. Viton Seal
 - Life Time Warranty



Adapter : Nissan / Mitsubishi CVT

PART No : TA-09 AT CODE : JF011E TRANS TYPE : CVT
 MODEL : Teana J32 , Elegrand , Juke GDI , Sylphy DGI , W-trail T31 , Lancer EX , Delica CONNECTOR : Push-on 3/8 , AN6
 OEM NUMBER : 2920A017
 - Aircraft High-Strength Alloy7075.
 - Special Push-lock Connector Design. Viton Seal
 - Life Time Warranty



Adapter : Nissan CVT

PART No : TA-10 AT CODE : JF016E TRANS TYPE : CVT
 MODEL : X-trail T-32 CONNECTOR : Push-on 3/8 , AN6
 OEM NUMBER : 21606-3VX1A
 - Aircraft High-Strength Alloy7075.
 - Special Push-lock Connector Design. Viton Seal
 - Life Time Warranty



Adapter : Suzuki CVT

PART No : TA-27 AT CODE : JF015E TRANS TYPE : CVT
 MODEL : Swift , Ertiga CONNECTOR : Push-on 3/8 , AN6
 OEM NUMBER : 24921-52R00
 - Aircraft High-Strength Alloy7075.
 - Special Push-lock Connector Design. Viton Seal
 - Life Time Warranty



Adapter : Hyundai CVT

PART No : TA-28 AT CODE : IVT TRANS TYPE : CVT
 MODEL : Creta CONNECTOR : Push-on 3/8 , AN6
 OEM NUMBER : 48290-2H000
 - Aircraft High-Strength Alloy7075.
 - Special Push-lock Connector Design. Viton Seal
 - Life Time Warranty



Adapter : Chevrolet CVT

PART No : TA-29 AT CODE : CTF-25A TRANS TYPE : CVT
 MODEL : Captiva CONNECTOR : Push-on 3/8 , AN6
 OEM NUMBER : 23750331
 - Aircraft High-Strength Alloy7075.
 - Special Push-lock Connector Design. Viton Seal
 - Life Time Warranty



Compact Thermostat

Part no : TM1	Description : Universal	
Depth mm.	Length mm.	Height mm.
25	45	65
- Aircraft High-Strength Alloy7075. - Compact size easy to install - Life Time Warranty *Housing only - Thermostat Piston 1 Year Warranty		

Compact Thermostat

Can be used for: Automatic Transmission, Manual Transmission, Power Steering, Differential Gear, Brake/Clutch and Fuel systems.

Cannot be used for the engine oil cooler because the internal tunnel is too small.

Option		
Fitting type	Thermostat Piston	
 Push-on 3/8		Open at 50°C
 AN6		Open at 60°C
		Open at 70°C

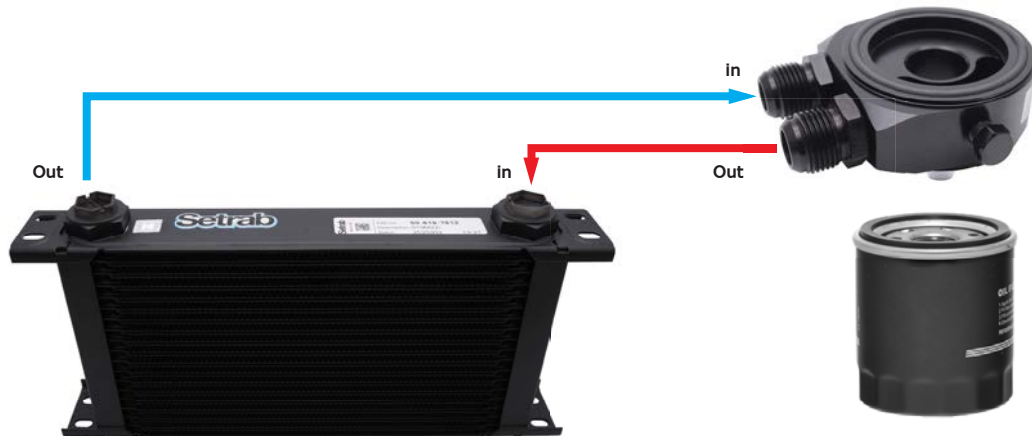
Engine Oil Cooler

SANDWICH ADAPTER SYSTEM

Oil Cooler Set : Engine

Part no : EO-ANH

Sandwich Adapter
— System —



PRODUCT DETAIL



SANDWICH ADAPTER
"Life Time Warranty"



NYLON VITAN HOSE
AN8 / AN10



Oil Cooler's Fitting
0°, 45°, 90°, 120°, 180°



mounting kits



Adapter : Sandwich adapter

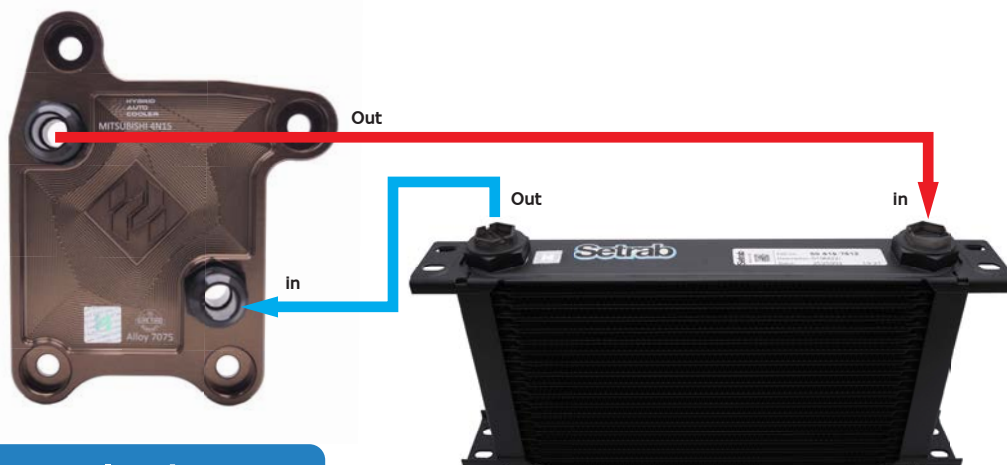
PART No : EA-01 CAR BRAND : Universal CONNECTOR : AN8 , AN10
MODEL : Sandwich adapter
- Life Time Warranty

Engine Oil Cooler

SPECIAL ADAPTER SYSTEM

Oil Cooler Set : Engine

Part no : EO-ASH



Special Adapter
— System —

PRODUCT DETAIL



SPECIAL ADAPTER

"Life Time Warranty"



NYLON VITAN HOSE
AN8 / AN10



Oil Cooler's Fitting
0°, 45°, 90°, 120°, 180°



mounting kits



Adapter : Ford

PART No : EA-01 CAR BRAND : Ford CONNECTOR : AN8 , AN10
MODEL : Ranger T6 , Everest CC : 2.2L , 3.2L
OEM number : 8B3Q6B624EA Engine type : Diesel
- Aircraft High-Strength Alloy7075.
- Life Time Warranty



Adapter : BMW / MINI

PART No : EA-14 CAR BRAND : Bmw / Mini CONNECTOR : AN8 , AN10
MODEL : X1 , F48 , F50 CC : 2.0L , 1.5L
OEM number : 1142858235 Engine type : diesel,benzine , B47 , B38
- Aircraft High-Strength Alloy7075.
- Life Time Warranty



Adapter : BMW

PART No : EA-08 CAR BRAND : Bmw CONNECTOR : AN8 , AN10
MODEL : F10 ect CC : 2.0L
OEM number : 11428537812 Engine type : Benzine , N20 , N52 , N54
- Aircraft High-Strength Alloy7075.
- Life Time Warranty



Adapter : Ford

PART No : EA-02 CAR BRAND : Ford CONNECTOR : AN8 , AN10
MODEL : Ranger , Everest CC : 2.0L
OEM number : MB3Q6B624AA Engine type : Diesel
- Aircraft High-Strength Alloy7075.
- Life Time Warranty



Adapter : BMW

PART No : EA-09 CAR BRAND : Bmw CONNECTOR : AN8 , AN10
MODEL : F30 , G30 , X3 , X5 CC : 2.0L
OEM number : 11428596283 Engine type : Diesel B47 , B48
- Aircraft High-Strength Alloy7075.
- Life Time Warranty



Adapter : BMW

PART No : EA-15 CAR BRAND : Bmw CONNECTOR : AN8 , AN10
MODEL : E90 , X1 , E84 , E60 CC : 2.0L , 1.8L
OEM number : 11427508967 Engine type : Benzine , N43 , N46
- Aircraft High-Strength Alloy7075.
- Life Time Warranty



Adapter : Ford

PART No : EA-22 CAR BRAND : Ford CONNECTOR : AN8 , AN10
MODEL : Pajero , Triton CC : 3.0L
OEM number : 1240A100 Engine type : Diesel 4n15
- Aircraft High-Strength Alloy7075.
- Life Time Warranty



Adapter : MINI

PART No : EA-17 CAR BRAND : Mini CONNECTOR : AN8 , AN10
MODEL : R56 , R60 , R58 CC : 1.6L
OEM number : 11427552587 Engine type : Benzine R14 , R16 , R18
- Aircraft High-Strength Alloy7075.
- Life Time Warranty



Adapter : TOYOTA

PART No : EA-03 CAR BRAND : Toyota CONNECTOR : AN8 , AN10
MODEL : Civic FC , FK , Model3 , Y CC : 2.4L
OEM number : 15071-0E010 Engine type : Diesel , 1gd , 2gd
- Aircraft High-Strength Alloy7075.
- Life Time Warranty



Adapter : Mitsubishi

PART No : EA-23 CAR BRAND : Mitsubishi CONNECTOR : AN8 , AN10
MODEL : Pajero , Triton CC : 2.4L
OEM number : 1240A100 Engine type : Diesel 4n15
- Aircraft High-Strength Alloy7075.
- Life Time Warranty



Adapter : SUBARU

PART No : EA-12 CAR BRAND : Subaru CONNECTOR : AN8 , AN10
MODEL : XV , Forester , BRZ CC :
OEM number : Engine type :
- Aircraft High-Strength Alloy7075.
- Life Time Warranty



Adapter : Honda / Tesla

PART No : EA-13 CAR BRAND : Honda / Tesla CONNECTOR : AN8 , AN10
MODEL : Civic FC , FK , Model3 , Y CC :
OEM number : Engine type :
- Aircraft High-Strength Alloy7075.
- Life Time Warranty

Adapter : Engine



Adapter : Sandwich adapter

PART No : EA-01 CONNECTOR : AN8 , AN10
MODEL : Sandwich adapter OEM NUMBER : N/A

- Aircraft High-Strength Alloy7075.
- Life Time Warranty



Adapter : BMW

PART No : EA-08 CONNECTOR : AN8 , AN10
MODEL : B47 R , B48 OEM NUMBER : 11428596283

- Aircraft High-Strength Alloy7075.
- Life Time Warranty



Adapter : Ford

PART No : EA-02 CONNECTOR : AN8 , AN10
MODEL : Ranger 2.2,3.2 , Everest 2.2,3.2 , BT50-pro 2.2,3.2
OEM NUMBER : BB3Q6B624EA

- Aircraft High-Strength Alloy7075.
- Life Time Warranty



Adapter : MINI

PART No : EA-09 CONNECTOR : AN8 , AN10
MODEL : R14 , R18 , R16 OEM NUMBER : 11427552687

- Aircraft High-Strength Alloy7075.
- Life Time Warranty



Adapter : Ford

PART No : EA-03 CONNECTOR : AN8 , AN10
MODEL : Ranger 2.0 , Everest 2.0 , Rapter 2.0
OEM NUMBER : MB3Q6B624AA

- Aircraft High-Strength Alloy7075.
- Life Time Warranty



Adapter : TOYOTA

PART No : EA-10 CONNECTOR : AN8 , AN10
MODEL : 1GD , 2GD OEM NUMBER : 15071-0E010

- Aircraft High-Strength Alloy7075.
- Life Time Warranty



Adapter : Ford

PART No : EA-04 CONNECTOR : AN8 , AN10
MODEL : Ranger 3.0 V6 ECO Boost OEM NUMBER : ML3Z-6A642-B

- Aircraft High-Strength Alloy7075.
- Life Time Warranty



Adapter : Mitsubishi

PART No : EA-11 CONNECTOR : AN8 , AN10
MODEL : 4N15 OEM NUMBER : 1240A100

- Aircraft High-Strength Alloy7075.
- Life Time Warranty



Adapter : BMW

PART No : EA-05 CONNECTOR : AN8 , AN10
MODEL : N20 , N52 , N54 OEM NUMBER : 11428637812

- Aircraft High-Strength Alloy7075.
- Life Time Warranty



Adapter : Subaru

PART No : EA-12 CONNECTOR : AN8 , AN10
MODEL : XV , Forester , BRZ OEM NUMBER :

- Aircraft High-Strength Alloy7075.
- Life Time Warranty



Adapter : BMW

PART No : EA-06 CONNECTOR : AN8 , AN10
MODEL : N46 , N43 OEM NUMBER : 11427508967

- Aircraft High-Strength Alloy7075.
- Life Time Warranty



Adapter : Honda / Tesla

PART No : EA-13 CONNECTOR : AN8 , AN10
MODEL : Civic FC ,FK , Model3 , Y OEM NUMBER :

- Aircraft High-Strength Alloy7075.
- Life Time Warranty



Adapter : BMW

PART No : EA-07 CONNECTOR : AN8 , AN10
MODEL : B47 F , B38 OEM NUMBER : 11428585235

- Aircraft High-Strength Alloy7075.
- Life Time Warranty

Setrab Oil Cooler : STD series 1



Part no. STD 107	Rows : 7	Connection type : M22
Depth mm.	Length mm.	Height mm.
50	210	52



Part no. STD 110	Rows : 10	Connection type : M22
Depth mm.	Length mm.	Height mm.
50	210	76



Part no. STD 113	Rows : 13	Connection type : M22
Depth mm.	Length mm.	Height mm.
50	210	99



Part no. STD 116	Rows : 16	Connection type : M22
Depth mm.	Length mm.	Height mm.
50	210	122



Part no. STD 119	Rows : 19	Connection type : M22
Depth mm.	Length mm.	Height mm.
50	210	146

Setrab Oil Cooler : STD series 6



Part no. STD 610	Rows : 10	Connection type : M22
Depth mm.	Length mm.	Height mm.
50	330	76



Part no. STD 613	Rows : 13	Connection type : M22
Depth mm.	Length mm.	Height mm.
50	330	99



Part no. STD 616	Rows : 16	Connection type : M22
Depth mm.	Length mm.	Height mm.
50	330	122



Part no. STD 619	Rows : 19	Connection type : M22
Depth mm.	Length mm.	Height mm.
50	330	146



Part no. STD 625	Rows : 25	Connection type : M22
Depth mm.	Length mm.	Height mm.
50	330	193

Setrab Oil Cooler : SLM



Part no. SLM 420-6	Rows : 6	Connection type : M22
Depth mm.	Length mm.	Height mm.
40	483	65



Part no. SLM 250-14	Rows : 14	Connection type : M22
Depth mm.	Length mm.	Height mm.
40	320	136



Part no. SLM 420-10	Rows : 10	Connection type : M22
Depth mm.	Length mm.	Height mm.
40	490	101

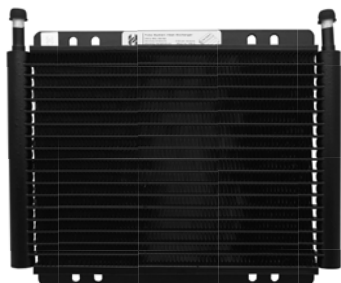


Part no. SLM 420-14	Rows : 14	Connection type : M22
Depth mm.	Length mm.	Height mm.
40	490	136



Part no. SLM 592-14	Rows : 14	Connection type : M22
Depth mm.	Length mm.	Height mm.
40	662	136

Hybrid Oil Cooler : H Series



Part no. H-Slim	Rows : 17	Push on 3/8"
Depth mm.	Length mm.	Height mm.
20	280	240



Part no. H-13	Rows : 13	Connection type : M22
Depth mm.	Length mm.	Height mm.
51	330	100



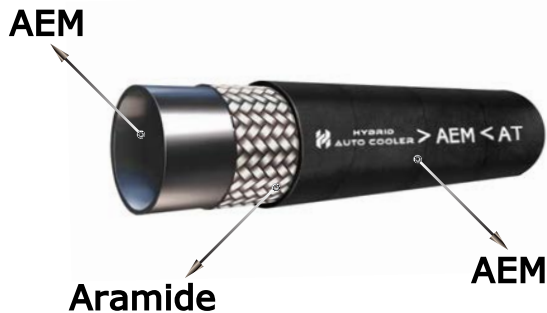
Part no. H-16	Rows : 16	Connection type : M22
Depth mm.	Length mm.	Height mm.
51	330	120



Part no. H-20	Rows : 20	Connection type : M22
Depth mm.	Length mm.	Height mm.
51	330	155



Part no. H-55	Rows : 55	Connection type : M22
Depth mm.	Length mm.	Height mm.
51	210	453



>AEM<

Part no : OH-01

Push - on type only

Hose Structure

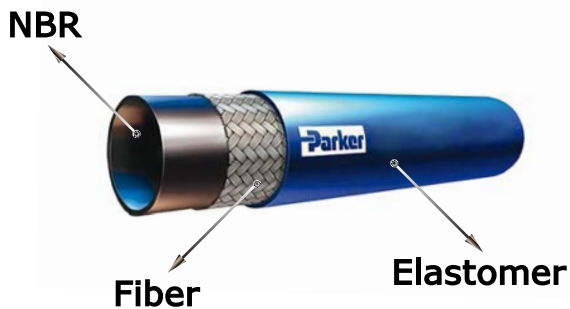
AEM -- Aramide -- AEM

Spec

1. A/T oil hose specialize
2. Heat resistant -40°C to 150°C
3. Working pressure 20.6 bar

Standard : SAE J1532 class 2

>AEM< is a type of hose used by car manufacturers around the world. It is considered the best hose for automatic transmission (A/T) oil coolers. For example, many old vehicles can run for 10–20 years without needing to replace the A/T oil hose because it never leaks—this shows how reliable >AEM< hoses are.



Parker

Part no : OH-02

Push - on type only

Hose Structure

NBR -- Fiber -- Elastomer

Spec

1. Universal for Oil , Water , Air
2. Heat resistant -40°C to 125°C
3. Working pressure 24 bar

Standard : MSHA

Parker produces high-quality hoses. We have selected a universal model for use with the A/T oil cooler system.



Viton

Part no : OH-03 , OH-04 , OH-05

Swivel type only

Hose Structure

Viton -- ECO (Epiclorohydrin) -- Stainless 304 -- Nylon

Spec

1. Engine oil , A/T oil , Benzin , Diesel
2. Heat resistant -40°C to 150°C
3. Working pressure 35 bar

Standard : SAE J30 R9

This is a high-performance hose suitable for use with engine oil, A/T oil, gasoline, and diesel.

It features an inner tube made of Viton rubber, which offers excellent resistance to chemicals and heat.

The outer layer is reinforced with stainless steel and nylon, providing durability and support for high-pressure applications.



Push-on Hose End			
Angle	AN size.	Fitting Port.	Part no.
0 °	6	M22 - 3/8 (0)	HF-01
90 °	6	M22 - 3/8 (90)	HF-02



M22 TO AN			
Angle	AN size.	Fitting Port.	Part no.
0 °	6	M22 - AN6	HF-03
	8	M22 - AN8	HF-04
	10	M22 - AN10	HF-05
	12	M22 - AN12	HF-06

Oil Cooler Hose clamp



Spring Clamp

- For 3/8 oil cooler hose
- Thickness 1.2mm
- Black zinc coated



Hose band

- Size 13-20mm , 18-25mm
- Black zinc coated

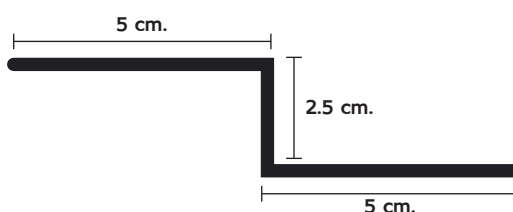


Swivel Hose End			
Angle	AN size.	Fitting Port.	Part no.
0 °	6	AN6 - 0	HF-07
	8	AN8 - 0	HF-09
	10	AN10 - 0	HF-14
45 °	8	AN8 - 45	HF-10
	10	AN10 - 45	HF-15
90 °	6	AN6 - 90	HF-08
	8	AN8 - 90	HF-11
	10	AN10 - 90	HF-16
120 °	8	AN8 - 120	HF-12
	10	AN10 - 120	HF-17
180 °	8	AN8 - 180	HF-13
	10	AN10 - 180	HF-18



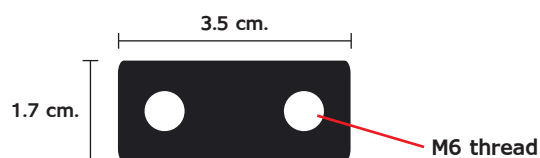
Oil Cooler mounting kits : Straight plate

- Thickness 3 mm.
- Black powder coated
- Can be bent to 90 degrees



Oil Cooler mounting kits : Z plate

- Thickness 3 mm.
- Black powder coated



Oil Cooler mounting kits : M6 Plate

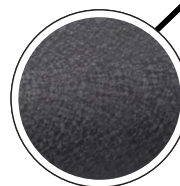
- Thickness 3 mm.
- Black powder coated



Oil Cooler mounting kits : M6 Nuts

- Black Zinc coated
- Female & Male

Mercedes Benz



Special Powder Coat
Leather black

Combination with

Normal Oil Cooler



Billet Oil Cooler



Part no. AH-01

OEM number : 2711801210

Model : W204 , W207 , W212
R172 ect

Engine type : M271 evo

Material : Aluminum

Color : Black leather powder coat



Combination with

Normal Oil Cooler



Billet Oil Cooler



Part no. AH-02

OEM number : 2701800810

Model : W117 , W156 , W176 ect

Engine type : M270

Material : Aluminum

Color : Black leather powder coat



Combination with

Normal Oil Cooler



Billet Oil Cooler



Part no. AH-03

OEM number : 6511800610

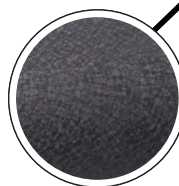
Model : W204 , W207 , W212

Engine type : OM651

Material : Aluminum

Color : Black leather powder coat

BMW



Special Powder Coat
Leather black

Combination with

Normal Oil Cooler



Billet Oil Cooler



Part no. AH-04

OEM number : 11428507697

Model : F10 , F30 , F02 , E84 ect.

Engine type :
N47 , N57

Material : Aluminum
Color : Black leather powder coat



Combination with

Normal Oil Cooler



Billet Oil Cooler



Part no. AH-05

OEM number : 11428585235

Model : X1 F48 , Mini F60 ect

Engine type :
B47 , B38
Front wheel drive

Material : Aluminum
Color : Black leather powder coat



Combination with

Normal Oil Cooler



Billet Oil Cooler



Part no. AH-06

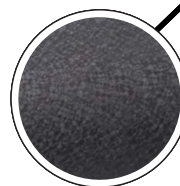
OEM number : 11428596283

Model : F10 , F30 , F20 , F25 ,
G20 , G30 , G01 , G02 ect

Engine type :
B47 , B48
Rear wheel drive

Material : Aluminum
Color : Black leather powder coat

BMW



Special Powder Coat
Leather black

Combination with

Normal Oil Cooler



Billet Oil Cooler



Part no. AH-07

OEM number : 11428651710

Model : G20 , G30 , G01 ,
G22 ect

Engine type : B48

Material : Aluminum
Color : Black leather powder coat



Combination with

Normal Oil Cooler



Billet Oil Cooler



Part no. AH-08

OEM number : 11428583895

Model : G11 , G12 , G30 , G01 ,
G05 , G07 ect

Engine type :
B57 , B58

Material : Aluminum
Color : Black leather powder coat

ALUMINUM COOLANT CONNECTOR

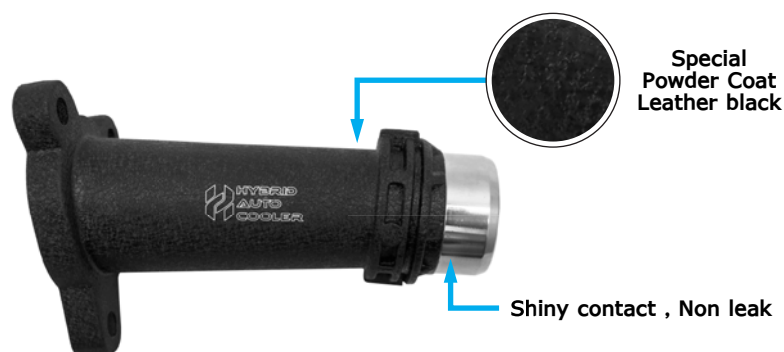
BMW / MINI



Part no. AC-02	OEM number : 11127810707	Model : F10 , F30 , F01 , F02 , E84 ect	Engine type : N47 , N57	Material : Aluminum Color : Black leather powder coat
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Part no. AC-03	OEM number : 11118511205	Model : F10 , F30 , F20 , F25 , F48 F60 , G20 , G30 ect	Engine type : B47 , B38 , B48	Material : Aluminum Color : Black leather powder coat
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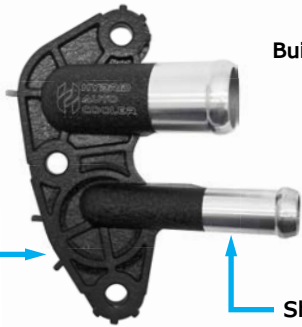


Part no. AC-04	OEM number : 11118571141	Model : F20 , F30 , F55 , F56	Engine type : B37	Material : Aluminum Color : Black leather powder coat
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ALUMINUM COOLANT CONNECTOR

SUBARU

Special
Powder Coat
Leather black



Build-in Gasket

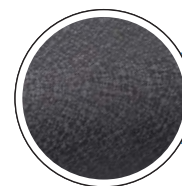


Shiny contact , Non leak



Part no. AC-01	OEM number : 11821AA660	Model : XV , Forester , BRZ , WRX , Impreza , Legacy , Outback , Levorg	Engine type : Boxer engine	Material : Aluminum Color : Black leather powder coat
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INTAKE MANIFOLD : FORD / MAZDA



Special Powder Coat
Leather black



Can be used with the original gasket.

Part no. FP-01

OEM number : BB3Q9424A

Model : Ford Ranger T6 ,
Everest , MAZDA BT-50pro

Engine type :
2.2L TDCI

Material : Aluminum
Color : Black leather powder coat

INTER COOLER HOSE : FORD RANGER-EVEREST 2.2 , 3.2



Part no. FP-02

OEM number : AB39-6K68-3CG

Model : Ranger
BT50 pro

Engine type :
2.2 TDCI

Material : Silicone with
5 layer reinforcement
Color : outer black , inner grey



Part no. IT-03

OEM number : AB39-6K68-3DF

Model : Ranger
BT50 pro

Engine type :
3.2 TDCI

Material : Silicone with
5 layer reinforcement
Color : outer black , inner grey



Part no. IT-04

OEM number : EB3G-6F07-3CF

Model : Everest

Engine type :
2.2 TDCI

Material : Silicone with
5 layer reinforcement
Color : outer black , inner grey



Part no. IT-05

OEM number : EB3G-6F07-3BD

Model : Everest

Engine type :
3.2 TDCI

Material : Silicone with
5 layer reinforcement
Color : outer black , inner grey



SPAL Automotive produces high-performance fans and is recognized as one of the leading automotive fan manufacturers in the world. All products are 100% made in Italy since 1959, with ISO-certified manufacturing. SPAL supplies fans to many premium car brands such as Ferrari, Lamborghini, Porsche, Land Rover, Jaguar, Ducati, and more — as well as to motorsport vehicles.





CODE SF-4A	 4" (96 mm.)	 58.1 mm.	 AIRFLOW 148 cfm	 PULL-AIR	 DC 12V- 3.0A	 Socket SS-A
---------------	---	--	--	--	---	--



CODE SF-4S	 4" (96 mm.)	 58.1 mm.	 AIRFLOW 124 cfm	 PUSH-AIR	 DC 12V- 2.4A	 Socket SS-A
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CODE SF-4.5A		4.5" (115 mm.)	 58.1 mm.	 AIRFLOW 236 cfm	 PULL-AIR	 DC 12V- 4.2A	 Socket SS-A
-----------------	---	--------------------------	--	--	--	---	--



CODE SF-5.2A		5.2" (130 mm.)	 58.1mm.	 AIRFLOW 342 cfm	 PULL-AIR	 DC 12V- 4.8A	 Socket SS-A
-----------------	---	--------------------------	---	--	--	---	--



CODE SF-5.2S		5.2" (130 mm.)	 58.1 mm.	 AIRFLOW 307 cfm	 PUSH-AIR	 DC 12V- 4.3A	 Socket SS-A
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CODE SF-6.5A		6.5" (167 mm.)	 58.1 mm.	 AIRFLOW 330 cfm	 PULL-AIR	 DC 12V- 4.0A	 Socket SS-C
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CODE SF-7.5S	 7.5" (199 mm.)	 51.1 mm.	 AIRFLOW 407 cfm	 PUSH-AIR	 DC 12V- 6.7A	 Socket SS-B
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CODE SF-9S	 9" (225 mm.)	 51.1 mm.	 AIRFLOW 590 cfm	 PUSH-AIR	 DC 12V- 5.8A	 Socket SS-B
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CODE SF-10S	 10" (255 mm.)	 51.1 mm.	 AIRFLOW 708 cfm	 PUSH-AIR	 DC 12V- 5.6A	 Socket SS-B
----------------	--	--	--	--	---	--



CODE SF-11S	 11" (280 mm.)	 51.1 mm.	 AIRFLOW 832 cfm	 PUSH-AIR	 DC 12V- 6.4A	 Socket SS-B
----------------	--	--	--	--	---	--



CODE SF-12A	 12" (305 mm.)	 62.1mm.	 AIRFLOW 1221 cfm	 PULL-AIR	 DC 12V- 12.3A	 Socket SS-B
----------------	--	---	---	--	--	--



CODE SF-12S	 12" (305 mm.)	 62.1 mm.	 AIRFLOW 1274 cfm	 PUSH-AIR	 DC 12V- 10.8A	 Socket SS-B
----------------	--	--	---	--	--	--



CODE SF-LL-12A	 12" (305 mm.)	 111.7 mm.	 AIRFLOW 1870 cfm	 PULL-AIR	 DC 12V- 25A	 Socket SS-E
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CODE SF-LL-16A	 16" (385 mm.)	 112.1 mm.	 AIRFLOW 2016 cfm	 PULL-AIR	 DC 12V- 29.1A	 Socket SS-E
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CODE
SF-BL-12A

 12"
(305 mm.)

 76.5 mm.

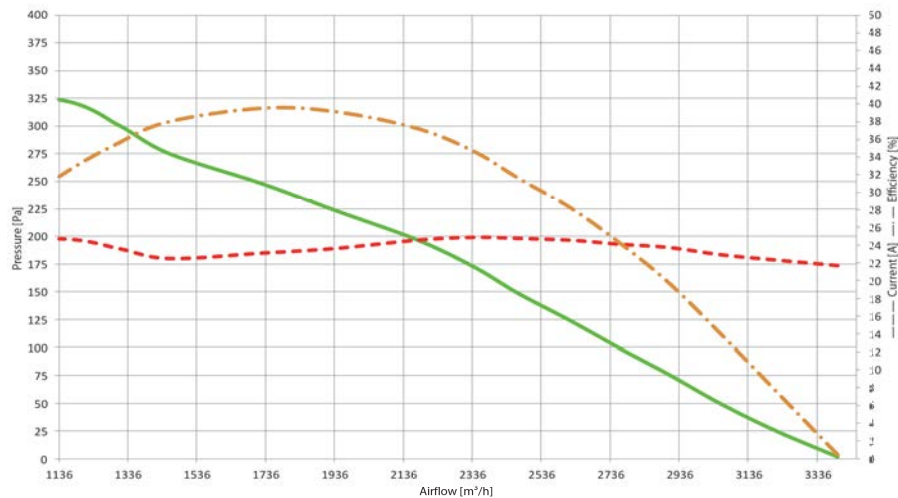
 AIRFLOW

 PULL-AIR

 DC 12V

 Socket
SS-D

Axial fan performance curve



Pressure: 1Pa=0.04 inH₂O

Airflow: 1m³/h=0.59 cfm

Features		
Max fan speed	rpm	2800
Min fan speed	rpm	700
Sound pressure level	dBA	73.7 - at 1 m ± 0.005 m from the fan module- lateral side
Weight	Kg	2.40
Operating supply voltage range	V	9.0 .. 16.0 at the Drive Connector
Supply voltage to reach max speed	V	13.0 .. 16.0 at the Drive Connector
Operating ambient temperature range	°C	-40 .. +120
Speed derating threshold	°C	+105 (*)
Storage temperature range	°C	-40 .. +125
Lifetime	h	up to 40000 hours depending on mission profile
Time from 0 rpm to max speed	s	17
Load dump protection (Pulse 5b)	V	35 - Pulse peak voltage (U _s *) - ISO16750-2:2010
Reverse polarity protection		ISO 16750-1 functional status class C - device fully functional after correcting the polarity

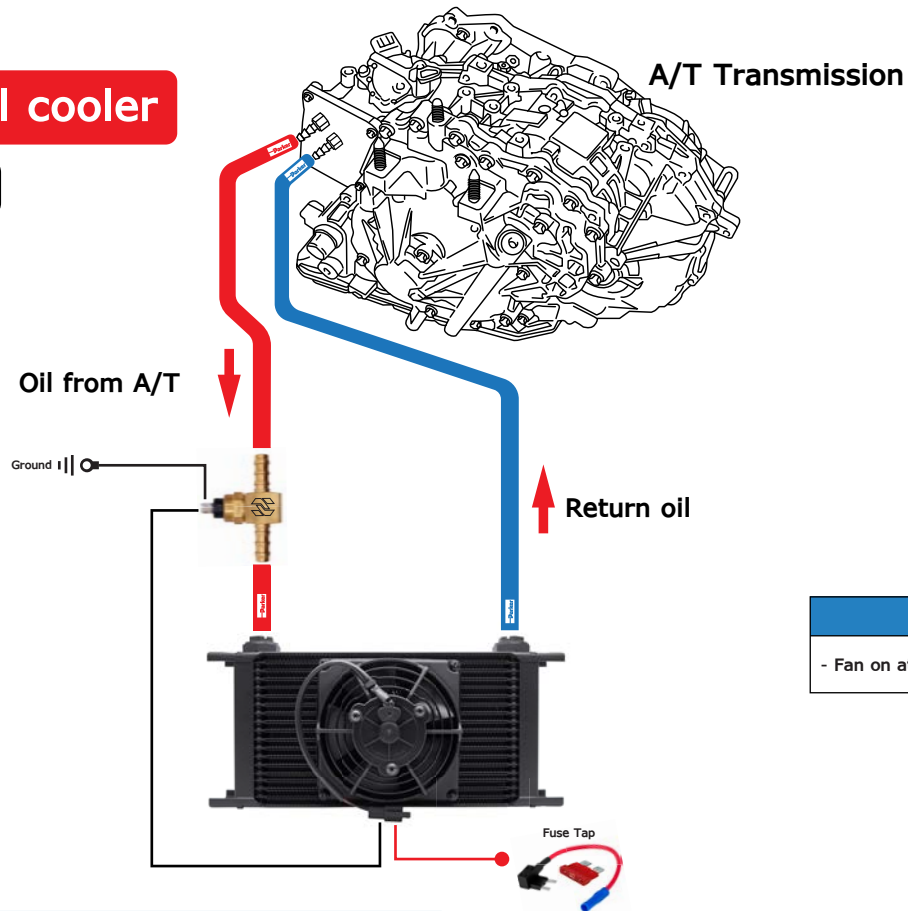
Notes (*): Few minutes ambient temperature transients do not engage the derating owing to the thermal inertia of the system. Overloads may anticipate derating.

FAN CONTROLLER

BRUSH FAN (SC-B)

For A/T oil cooler

Diagram

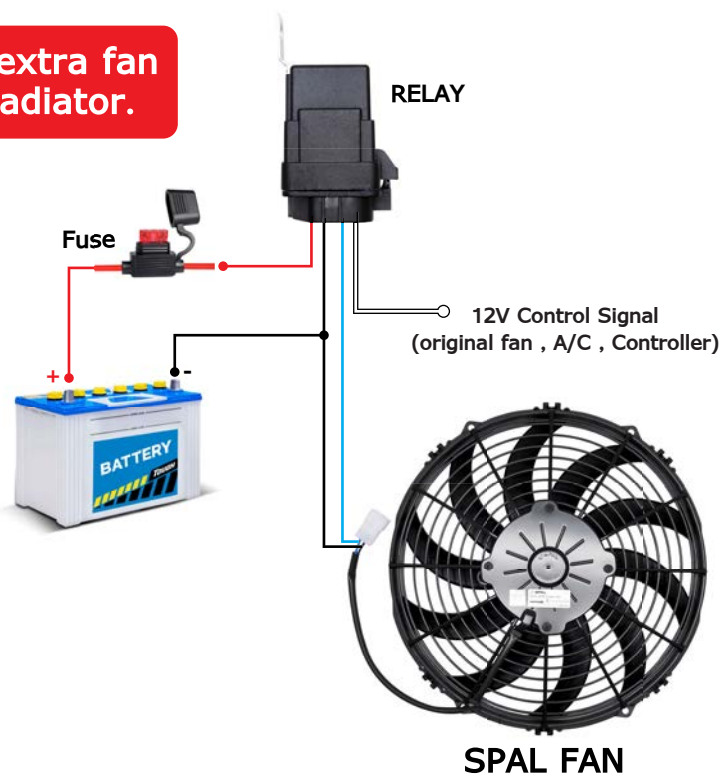


FAN CONTROLLER

BRUSH FAN (SC-C)

For installing an extra fan in front of the radiator.

Diagram

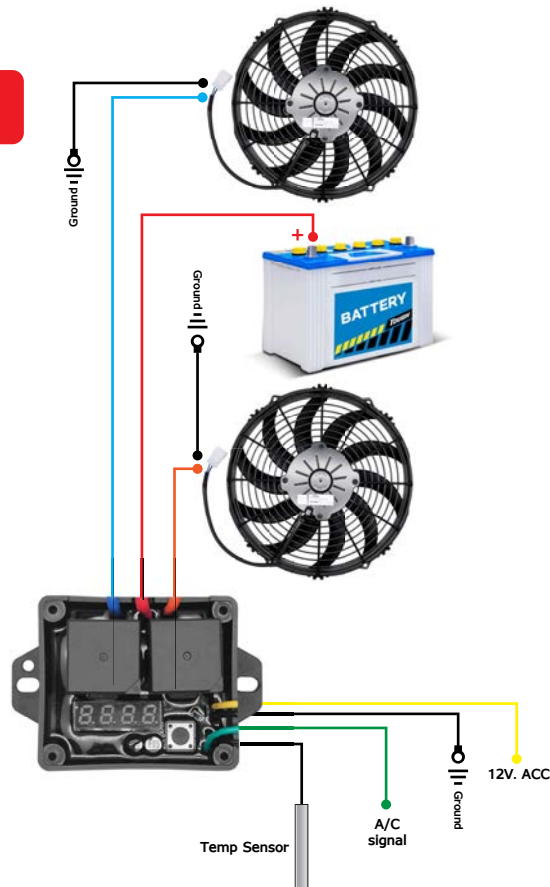


FAN CONTROLLER

BRUSH FAN (SC-D)

For radiator fans

Diagram



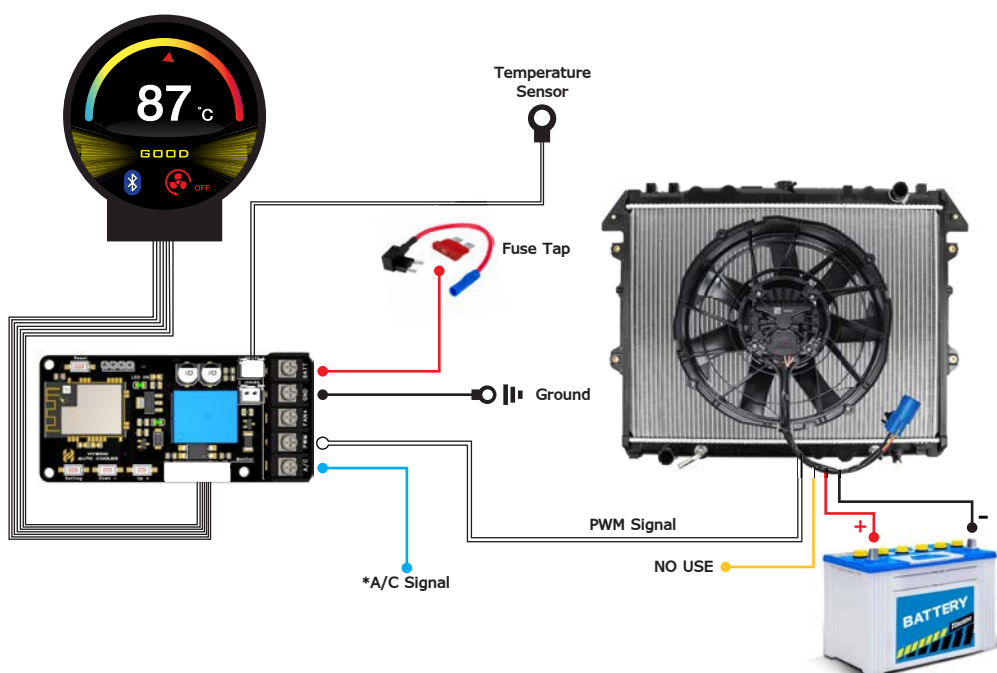
Feature

- Fan on/off automatic follow your set up or A/C signal
- Build in 30a relay

FAN CONTROLLER

BRUSHLESS FAN (SC-E)

BRUSHLESS FAN



Feature

- Fan on/off automatic follow your set up
- PWM set up 0-500Hz
- Duty set up step 1, 2, 3, AC



Fan mounting kits

- Special Tefzel cable ties: Heat resistant up to 170 °c, highly resistant to chemicals, gamma radiation, and ultraviolet radiation.
- Support rings with stainless steel on top and rubber underneath for corrosion resistance.



VDO presentation



**Socket
SS-A**

4" , 4.5" , 5.5"

VA32-A101-62S
VA32-A101-62A

VA69A-A101-87A

VA31-A101-46S
VA31-A101-46A

18awg
8a.



**Socket
SS-B**

7.5" , 9" , 10"
11" , 12" , 12"

VA14-AP11/C-34S
VA07-AP8/C-58S

VA11-AP8/C-57S
VA09-AP8/C-54S

VA10-AP50/C-61A
VA10-AP50/C-61S

18-16awg
8a-13a.



**Socket
SS-C**

6.5"

VA67-A101-83A

18awg
8a.



**Socket
SS-D**

12" BL

VA89-ABL320P/R/A/N-94A

Red/black 12awg 30a. White/Yellow 18awg



**Socket
SS-E**

12" LL , 16" LL

VA01-AP90/LL-66A VA33-AP91/LL-65A

12awg
30a.



Water proof relay : DC 12v 30/40A



Hybrid Autocar Co., Ltd.
89/4 Soi Rangsit-Nakhon Nayok 67 (along Khlong 3), Rangsit-Nakhon Nayok Road,
Prachathipat Subdistrict, Thanyaburi District, Pathum Thani Thailand 12130

For general customers, please contact us for product and installation inquiries at 085-800-0881.
Garage customers, contract for opening a dealership call 02-990-8886-7.