Hybrid AUTO CAR

Setrab SPAL AUTOMOTIVE HYBRID AUTO COOLER

Contents

1. COVER	1
2. Index	2
3. Over View	3
4. Billet Engine Oil Warmer	4
5. Billet Oil Warmer : for Europe cars	4-8
6. Billet Oil Warmer : for Asia&USA cars	9-11
7. Billet Oil Warmer : coolant thermostat	12
8. Oil Cooler Set Automatic Transmission (NO Need adapter)	13
9. Oil Cooler Set Automatic Transmission (Need adapter)	14
10. Adapter : AT / DCT / DSG	15-16
11. Adapter : CVT	17
12. Thermostat For Transmission oil cooler	18
13. Oil Cooler : Engine	19-20
14. Adapter : Engine	21
15. Setrab oil cooler	22-24
16. Hybrid oil cooler	25
17. Oil Cooler Hose	26
18. Oil Cooler Fittings	27
19. Mounting kits : Oil cooler	28
20. Aluminum Oil Filter Housing : for Europe cars	29-31
21. Aluminum Coolant Connector : for Europe cars	32
22. Aluminum Coolant Connector : for Asia cars	33
23. Aiuminum Intake Manifold / Inter Cooler Hose	34
24. SPAL fan	35-43
25. Fan controller (Brush fan)	44-46
26. SPAL Brushless fan	46
27. Fan accessories	47

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

BILLET ENGINE OIL WARMER

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
Model : W117 , W156 , W176 ect	
Engine type : M270	

Billet Oil Warmer : Mercedes Benz	
Part no. BE-10	OEM number : 6511801310
Model : w204 , w207 , w212	
Engine type : Diesel OM651	

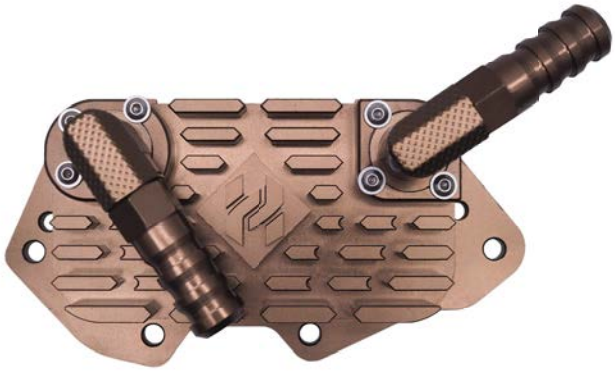
Billet Oil Warmer : Mercedes Benz	
Part no. BE-12	OEM number : 2741880101
Model : W204 , W205 , W207 , W212 , R172 , W213 ect	
Engine type : M274	

Billet Oil Warmer : Mercedes Benz	
Part no. BE-04	OEM number : 2711880301
Model : W204 , W207 , W212 , R172 ect	
Engine type : M271 evo	

Billet Oil Warmer : Mercedes Benz	
Part no. BE-19	OEM number : 2711880401
Model : W204 , W207 , W203 , W209 , W211 , R171 ect	
Engine type : m271.952	

Billet Oil Warmer : Mercedes Benz	
Part no. BE-20	OEM number : 6461880301
Model : W211 , W203 , W639 ect	
Engine type : OM646	

Billet Oil Warmer : Mercedes Benz	
Part no. BE-34	OEM number : 2721880001
Model : W203 , W204 , W211	
Engine type : M272	



Billet Oil Warmer : Porsche	
Part no. BE-10	OEM number : 6511801310
Model : 92A Hybrid	
Engine type : Cayenne	

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

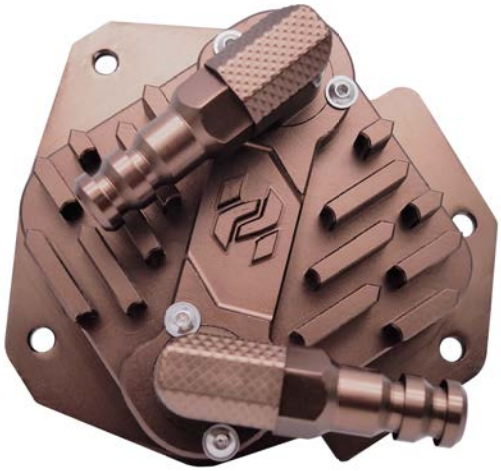
Billet Oil Warmer : HONDA	
Part no. BE-21	OEM number : 15500RZ0G01
Model : CRV G5	
Engine type : Diesel N16A	

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-11	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	

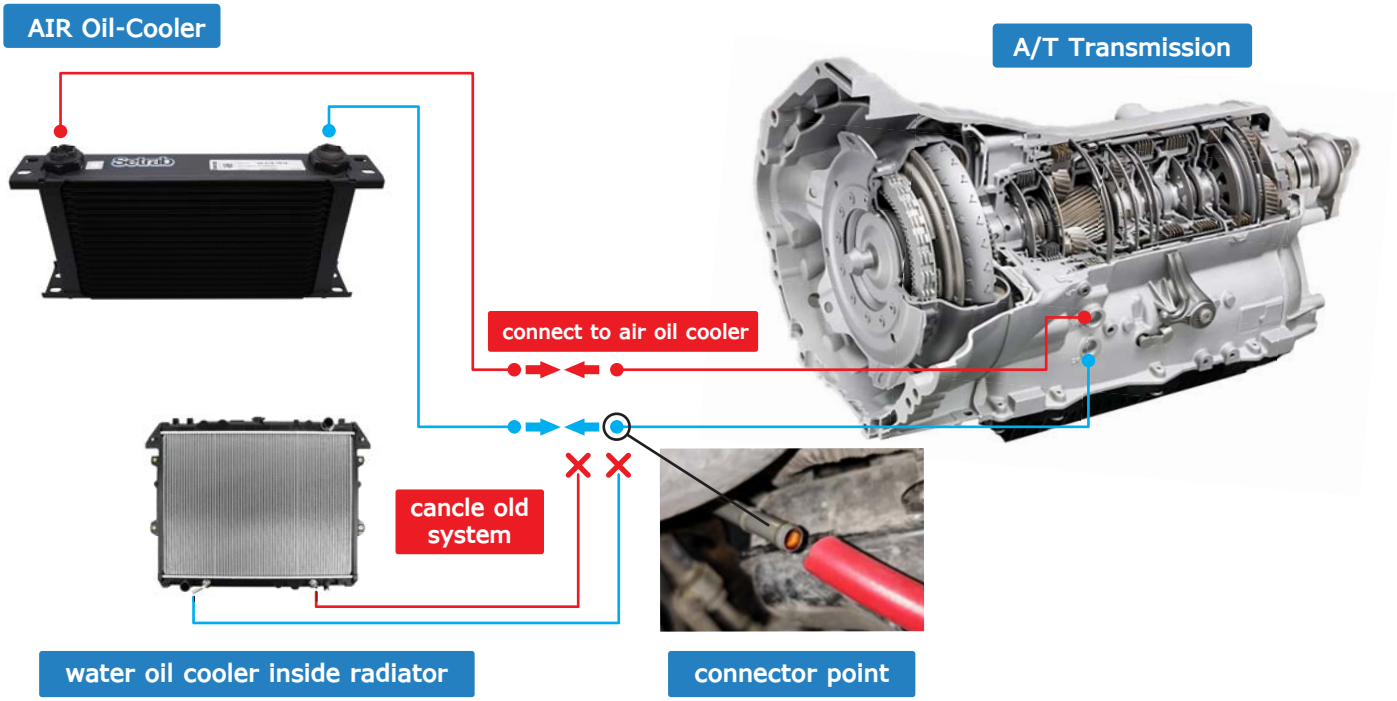
FORD

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



PRODUCT DETAIL

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

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

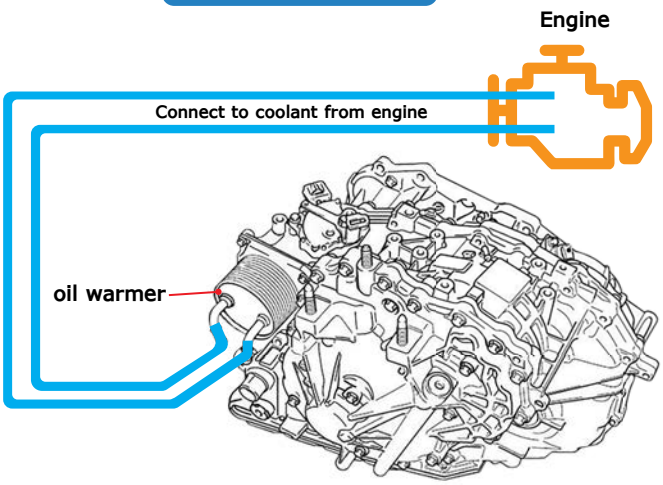
spring clamp
screw clamp

mounting kits

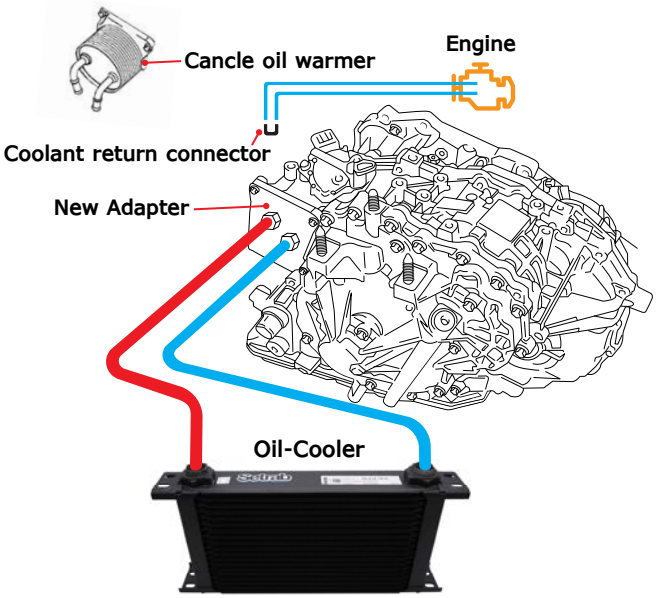
Oil Cooler Set : Automatic Transmission (need adapter)

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 : HONDA

PART No : TA-07 | AT CODE : MKEA | TRANS TYPE : AT
MODEL : Accoard 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 : 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 : 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 : Ford , Mazda , BMW

PART No : TA-13 | AT CODE : 6R80/10R60/10R80/ZF8 | TRANS TYPE : AT
MODEL : Ranger , Everest , Raptor , Mustang , BT-50 pro , All ZF 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 : 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 : 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 : 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 : 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 : 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 : 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 : 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 , Sieanta 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 , Accoard 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 , Liviena ,
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 : 24921-52RJ0

- 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

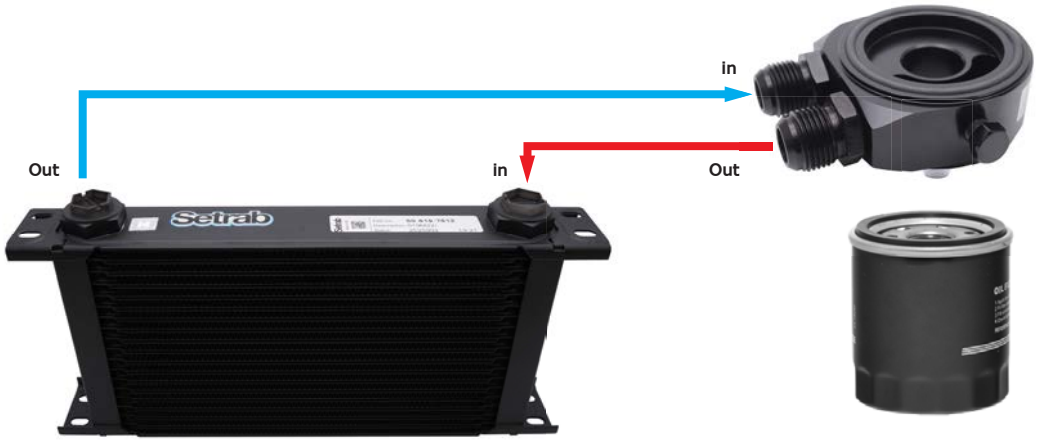
Engine Oil Cooler

SANDWICH ADAPTER SYSTEM

Oil Coole 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 : Sandwitch adapter

PART No : EA-01 CAR BRAND : Universal CONNECTOR : AN8 , AN10

MODEL : Sandwitch adapter

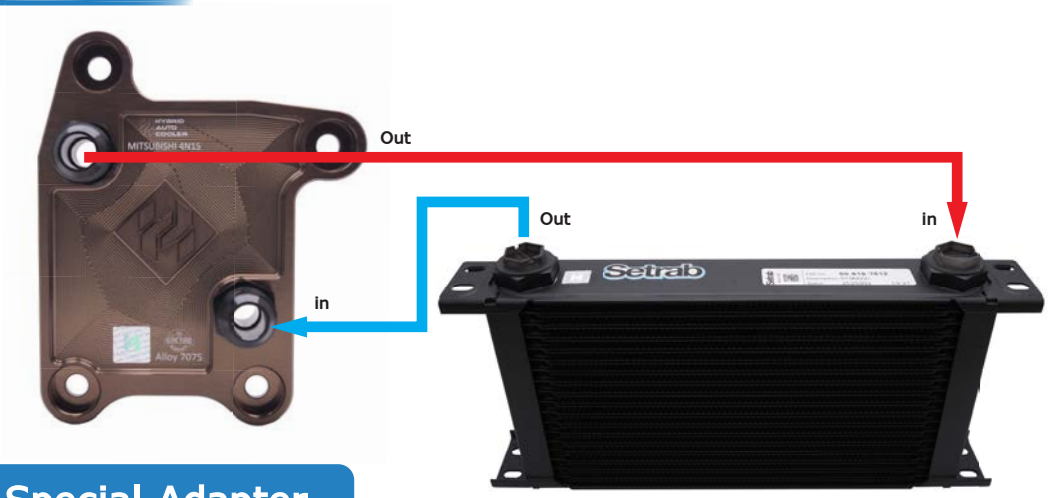
- Life Time Warranty

Engine Oil Cooler

SPECIAL ADAPTER SYSTEM

Oil Cooler Set : Engine

Part no : EO-ASH



Special Adapter
System

PRODUCT DETAIL

HYBRID AUTO COOLER | Setrab

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 : BB3Q6B624EA		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 , F60		CC. : 2.0L , 1.5L
OEM number : 11428585235		Engine type : diesel,benzine , B47f , 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 : 11428637812		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 B47r , 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 : Ranger , Raptor		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 : 11427552687		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 : REVO , Fortuner , Innova		CC. : 2.8L , 2.4L
OEM number : 15071-0E010		Engine type : Diesel , 1gd , 2gd

- Aircraft High-Strength Alloy7075.
- Life Time Warranty

Adapter : Mitsubishi

PART No : EA-22	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 : Sandwitch adapter | OEM NUMBER : N/A

- 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 : Ford

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

- 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 : BMW

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

- 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 : BMW

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

- 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 : MINI

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

- 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 : Mitsubishi

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

- 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 : Honda / Tesla

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

- 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

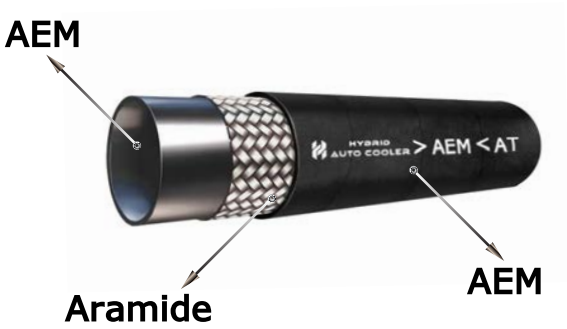
Part no. H-Slim	Rows : 17	Push on 3/8"
Depth mm.	Length mm.	Height mm.
20	280	240

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

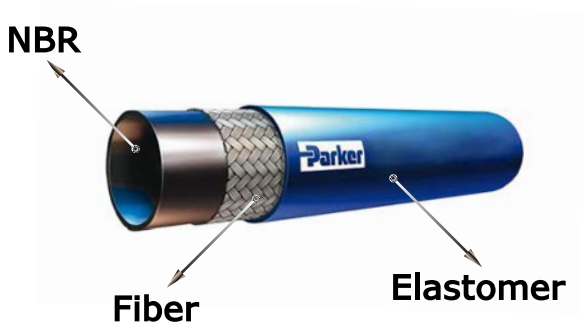
Hose Structure AEM -- Aramide -- AEM

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 (Epichlorohydrin) -- 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

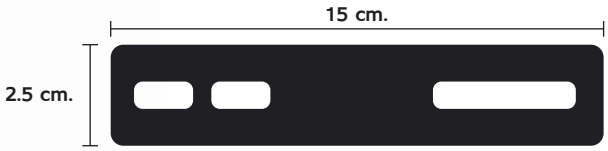
Hose band

-Size 13-20mm , 18-25mm

-Black zinc coated

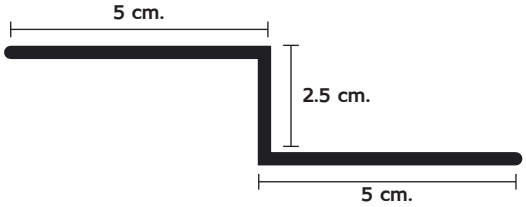
Swivel Hose End

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 - 90	HF-13
	10	AN10 - 180	HF-18



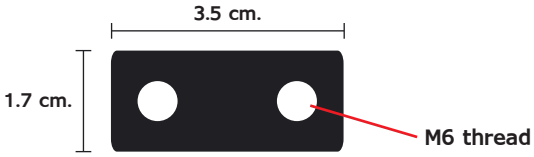
Oil Cooler mounting kits : Straight plate

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



Oil Cooler mounting kits : Z plate

- Thickess 3 mm.
- Black powder coated



Oil Cooler mounting kits : M6 Plate

- Thickess 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

Nomal 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

Nomal 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

Nomal 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

Nomal 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

Nomal 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

Nomal 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

Nomal 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

Nomal 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

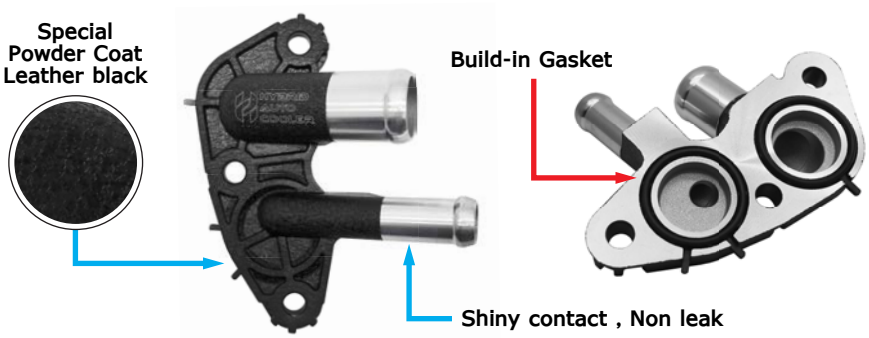
BMW / MINI

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

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

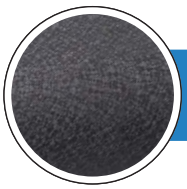
Part no. AC-04	OEM number : 11118571141	Model : F20 , F30 , F55 , F56	Engine type : B37	Material : Aluminum Color : Black leather powder coat

SUBARU

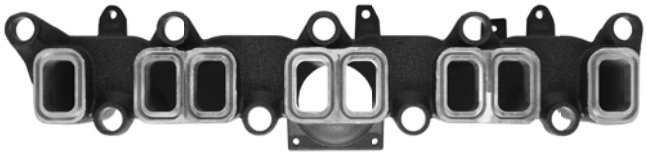


Part no. AC-01	OEM number : 11821AA660	Model : XV , Forester , BRZ , WRX , Impreza , Legacy , Outback , Levorg	Engine type : Boxer engine	Material : Aluminum Color : Black leather powder coat

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

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.

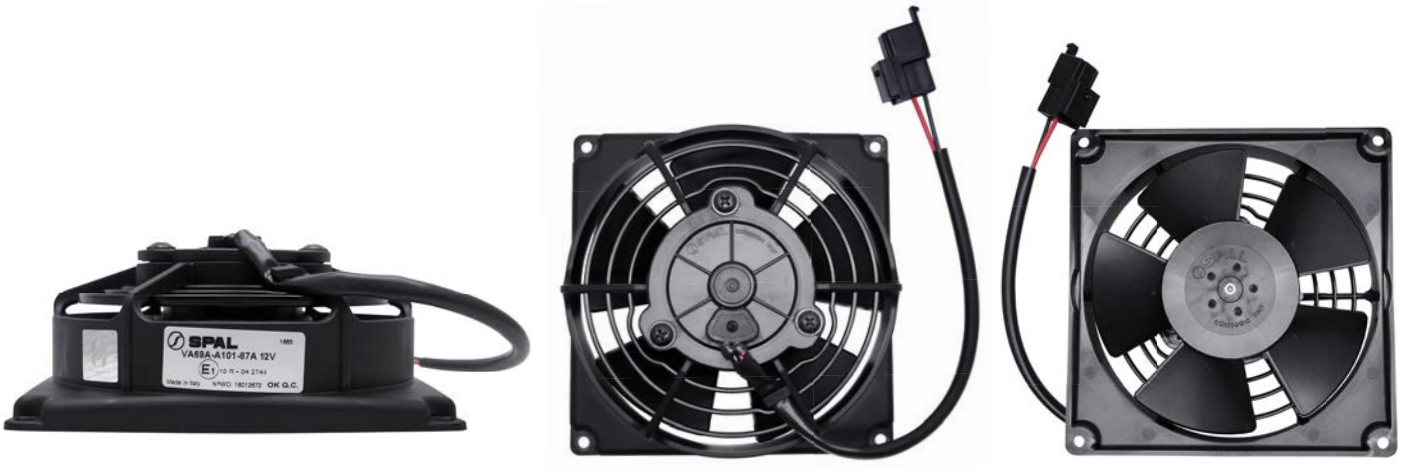
SPAL AUTOMOTIVE — 4” (96 mm.) — VA32-A101-62A

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

SPAL AUTOMOTIVE — 4” (96 mm.) — VA32-A101-62S

CODE	4” (96 mm.)	58.1 mm.	AIRFLOW 124 cfm	PUSH-AIR	DC 12V- 2.4A	Socket SS-A
SF-4S						

SPAL AUTOMOTIVE — 4.5” (115 mm.) — VA69A-A101-87A



CODE	4.5” (115 mm.)	58.1 mm.	AIRFLOW 236 cfm	PULL-AIR	DC 12V- 4.2A	Socket SS-A
SF-4.5A						

SPAL AUTOMOTIVE — 5.2” (130 mm.) — VA31-A101-46A

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

SPAL AUTOMOTIVE — 5.2” (130 mm.) — VA31-A101-46S

CODE	5.2” (130 mm.)	58.1 mm.	AIRFLOW 307 cfm	PUSH-AIR	DC 12V- 4.3A	Socket SS-A
SF-5.2S						

SPAL AUTOMOTIVE — 6.5” (167 mm.) — VA67-A101-83A

CODE	6.5” (167 mm.)	58.1 mm.	AIRFLOW 330 cfm	PULL-AIR	DC 12V- 4.0A	Socket SS-C
SF-6.5A						

SPAL AUTOMOTIVE — 7.5” (199 mm.) — VA14-AP11/C-34S

CODE	7.5” (199 mm.)	51.1 mm.	AIRFLOW	PUSH-AIR	DC 12V-	Socket
SF-7.5S			407 cfm		6.7A	SS-B

SPAL AUTOMOTIVE — 9” (225 mm.) — VA07-AP8/C-58S

CODE	9” (225 mm.)	51.1 mm.	AIRFLOW	PUSH-AIR	DC 12V-	Socket
SF-9S			590 cfm		5.8A	SS-B

SPAL AUTOMOTIVE — 10” (255 mm.) — VA11-AP8/C-57S

CODE	10” (255 mm.)	51.1 mm.	AIRFLOW	PUSH-AIR	DC 12V-	Socket
SF-10S			708 cfm		5.6A	SS-B

SPAL AUTOMOTIVE — 11” (280 mm.) — VA09-AP8/C-54S

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

SPAL AUTOMOTIVE — 12” (305 mm.) — VA10-AP50/C-61A

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

SPAL AUTOMOTIVE — 12” (305 mm.) — VA10-AP50/C-61S

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

SPAL AUTOMOTIVE — 12” (305 mm.) — VA01-AP90/LL-66A

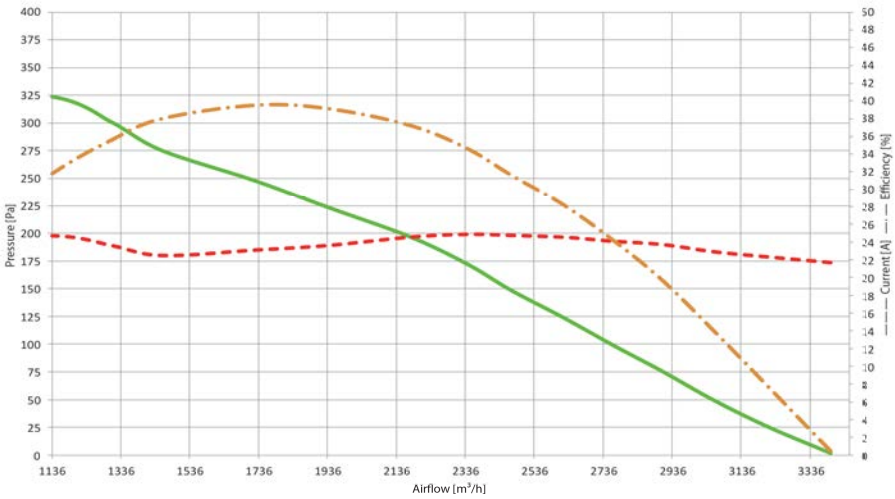
CODE	12” (305 mm.)	111.7 mm.	AIRFLOW 1870 cfm	PULL-AIR	DC 12V-25A	Socket SS-E
SF-LL-12A						

SPAL AUTOMOTIVE — 16” (385 mm.) — VA33-AP91/LL-65A

CODE	16” (385 mm.)	112.1 mm.	AIRFLOW 2016 cfm	PULL-AIR	DC 12V-29.1A	Socket SS-E
SF-LL-16A						

CODE SF-BL-12A	12" (305 mm.)	76.5 mm.	AIRFLOW	PULL-AIR	DC 12V	Socket SS-D

Axial fan performance curve



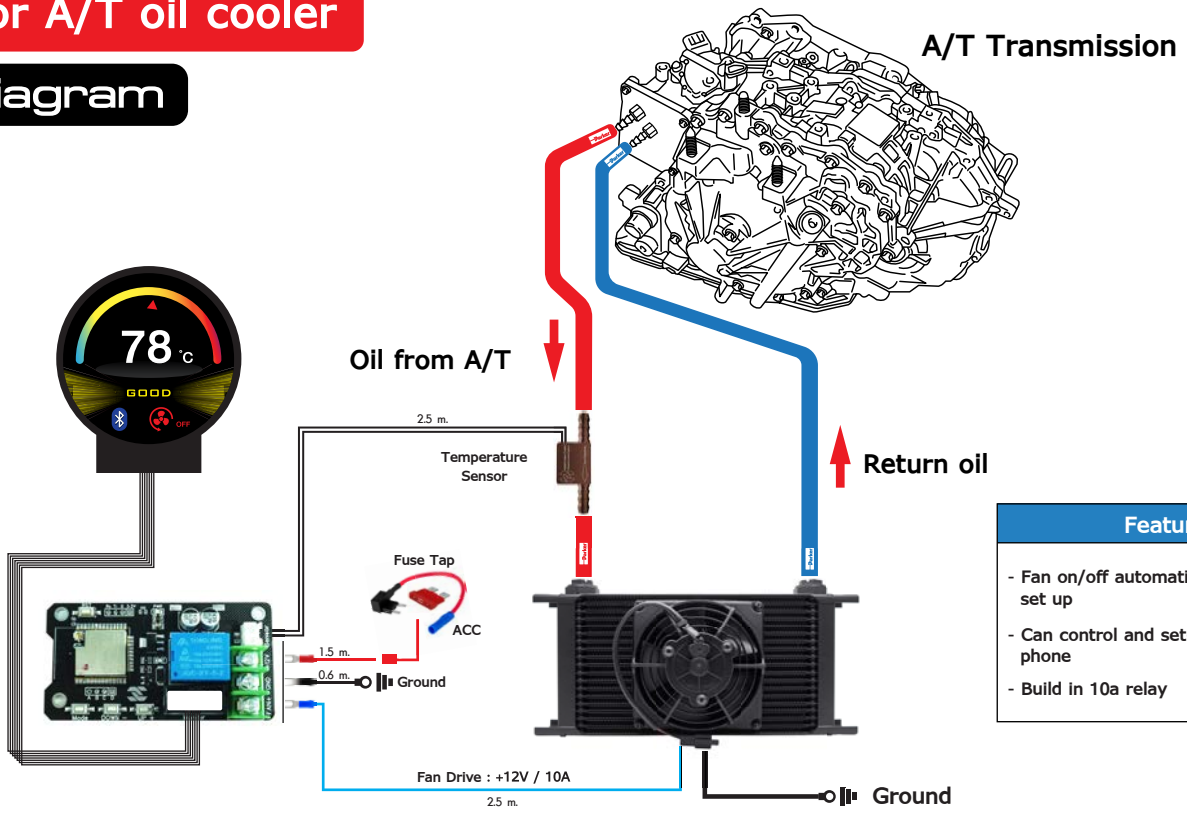
Pressure: 1Pa=0.04 inH_2O Airflow: $1m^3/h$=0.59 cfm

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.

For A/T oil cooler

Diagram

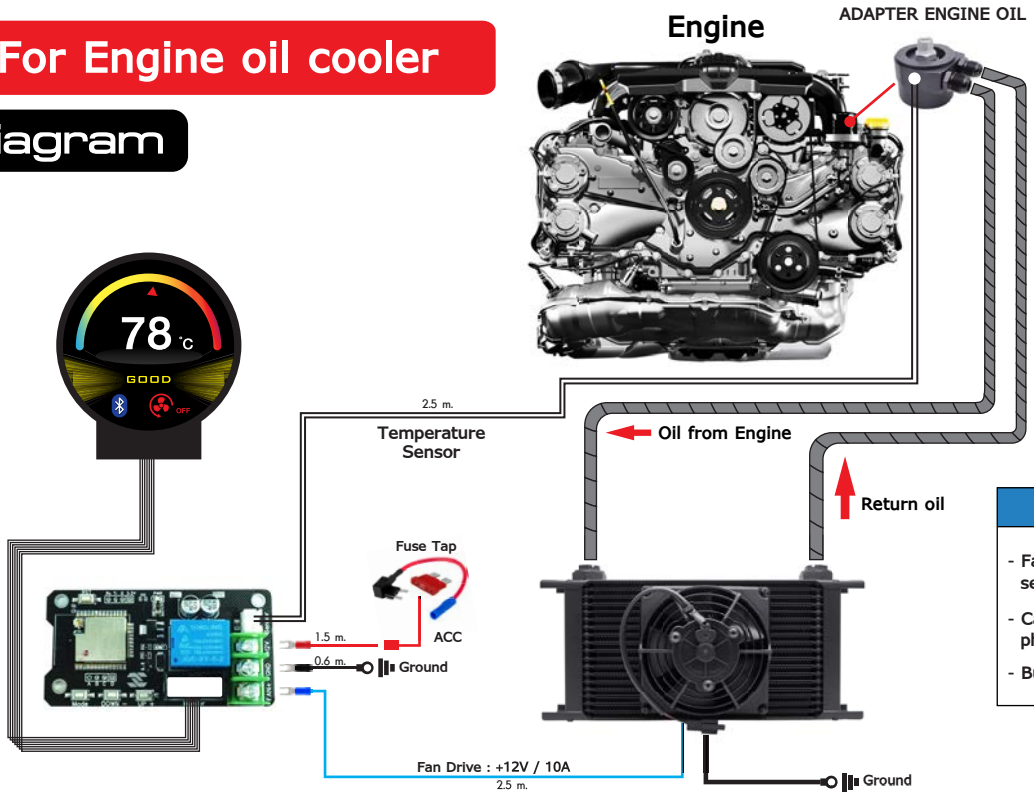


Feature

- Fan on/off automatic follow your set up
- Can control and set-up by android phone
- Build in 10a relay

For Engine oil cooler

Diagram



Feature

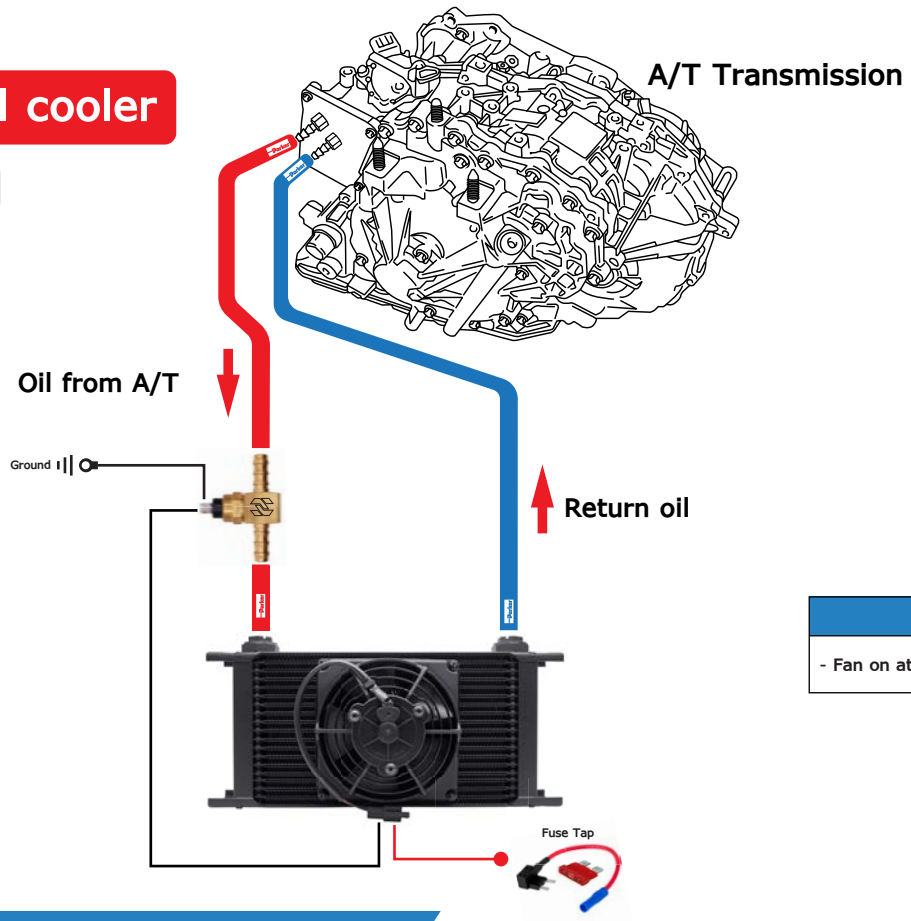
- Fan on/off automatic follow your set up
- Can control and set-up by android phone
- Build in 10a relay

FAN CONTROLLER

BRUSH FAN (SC-B)

For A/T oil cooler

Diagram



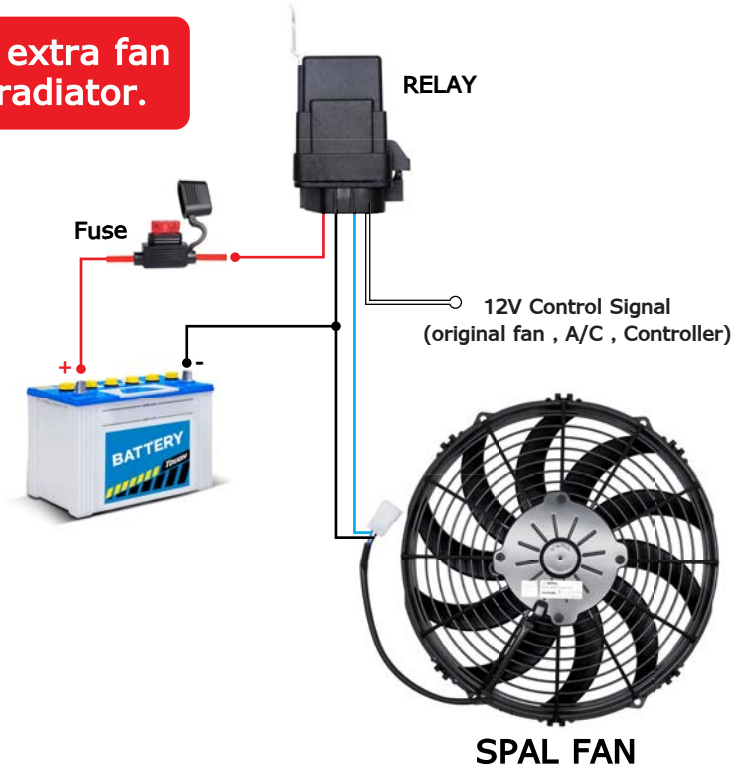
Feature
- Fan on at 75 °c automatic

FAN CONTROLLER

BRUSH FAN (SC-C)

For installing an extra fan in front of the radiator.

Diagram

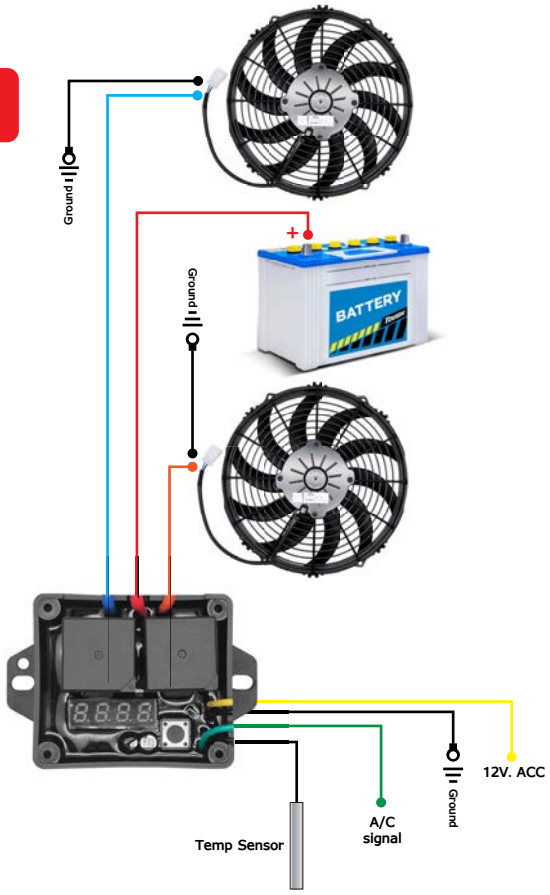


FAN CONTROLLER

BRUSH FAN (SC-D)

For radiator fans

Diagram



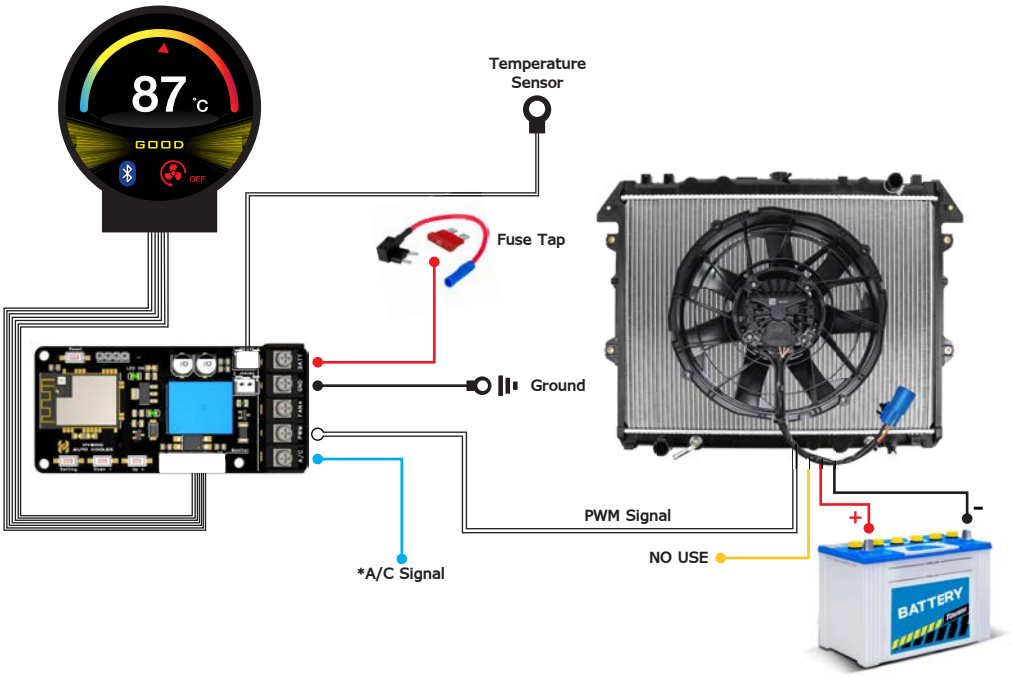
Feature

- 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

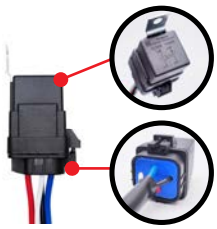
- Fan on/off automatic follow your set up
- PWM set up 0-500Hz
- Duty set up step 1 , 2 , 3 , AC

Fan mounting kits

- Special Tefzel cable ties: Heat resistant up to 170 ℃, 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

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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.