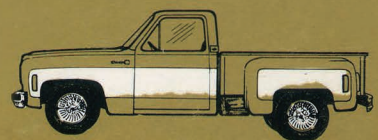
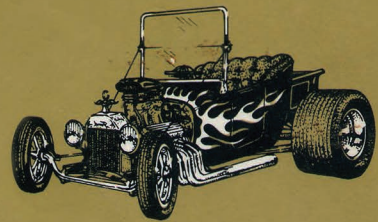
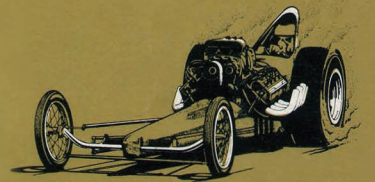
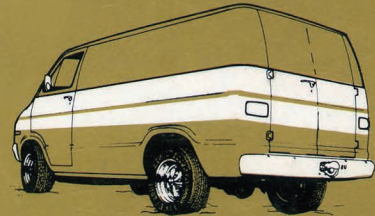
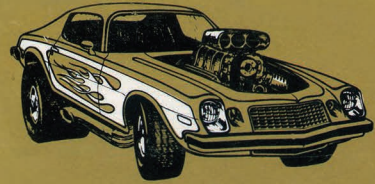


# DERALE

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## PERFORMANCE



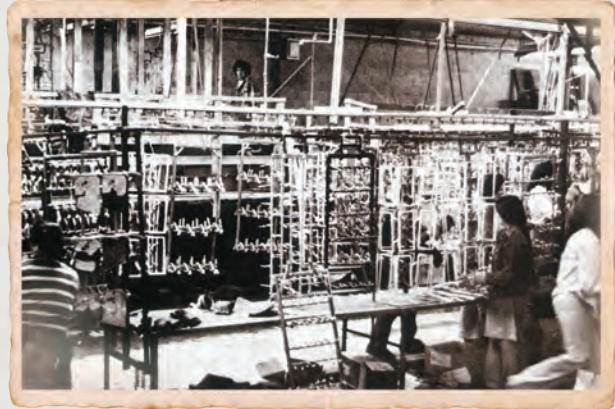
1955 - 2015

# FAMILY OWNED AND OPERATED SINCE 1955

1968



**ELECTRO PLATING LINE** - Most versatile chrome plating machine in western United States



1975

**JACK STAND PRODUCTION LINE** - Capable of manufacturing 2400 jack stands per 8 hour shift



1966



1970

1976



**LICENSE FRAME MANUFACTURING**  
Capable of manufacturing 5000 license frames per 8 hour shift

1982

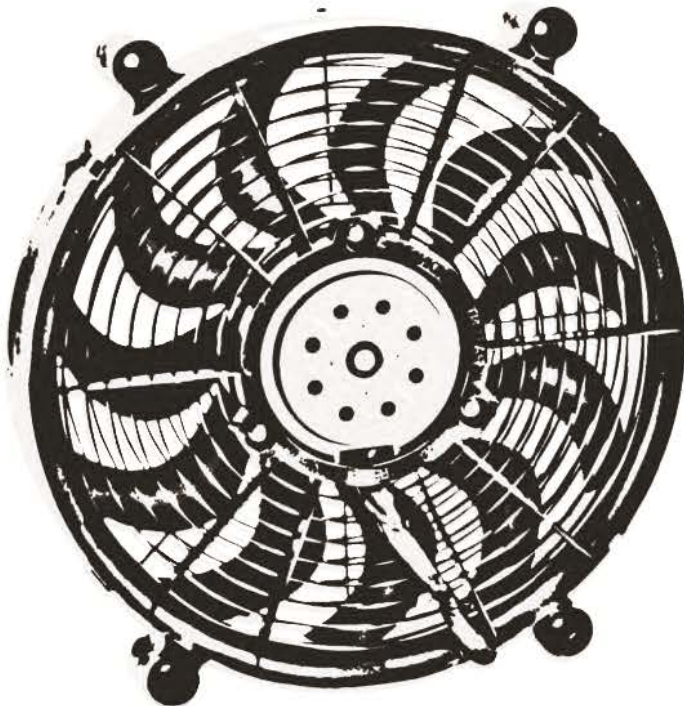


1974

# Derate

# PERFORMANCE

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## MANUFACTURES OF

<i>ELECTRIC FAN ASSEMBLIES</i> .....	2-21
<i>ELECTRONIC FAN CONTROLLERS</i> .....	12-15
<i>BELT DRIVEN FANS</i> .....	22-27
<i>TRANSMISSION COOLING PANS</i> .....	28-31
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<i>COOLING ACCESSORIES</i> .....	56-58
<i>INDEX</i> .....	59-60

**PERFORMANCE COOLING**

**3** GENERATIONS OF  
AUTOMOTIVE PRODUCT MANUFACTURING



PERFORMANCE & DURABILITY





# ELECTRIC FANS

# SHROUDED POWERPAKS

**SHROUD  
SIZE**

**15" - 19"  
Width**

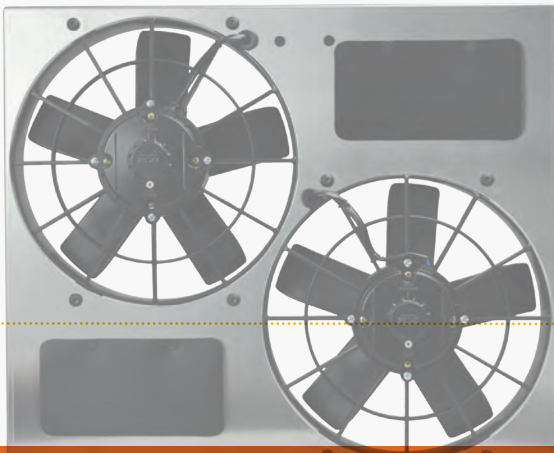
Width	Height	Overall Depth	CFM	Amp Draw	Description	Fan Kit Part No.	Page	Fan w/PWM Part No.	Page
15 3/4"	15 3/4"	3 1/4"	2000	23.4	M12 Powerpack, Single Fan	16926	10	//////////	//////
16 3/4"	17 5/8"	3"	2400	23.5	A17 Powerpack, Single Fan	16816	9	//////////	//////
17"	16 3/8"	2 3/4"	2100	22	A14 Powerpack, Single Fan	16817	9	66817	9
18"	13"	4"	2000	24.8	A12 Powerpack, Single Fan	16814	10	//////////	//////
18"	18"	3"	2400	23.5	A17 Powerpack, Single Fan	16818	9	66818	9

**19" - 24"  
Width**

19 1/2"	18"	3 5/8"	2400	23.5	S17 Powerpack, Single Fan	16919	9	//////////	//////
20"	16 3/8"	2 3/4"	2100	22	A14 Powerpack, Single Fan	16820	9	66820	9
20 3/4"	17 5/8"	3"	2400	23.5	A17 Powerpack, Single Fan	16821	9	66821	9
21"	16 3/4"	3"	2400	23.5	A17 Powerpack, Single Fan	16823	9	66823	9
22 1/4"	17 5/8"	3"	2400	23.5	A17 Powerpack, Single Fan	16822	9	66822	9
23 3/4"	19 3/4"	4 1/2"	3750	18.7 Per Fan	A11 Powerpack, Dual Fans	16835	7	66835	7
22 1/2"	19"	4 1/2"	3750	18.7 Per Fan	A11 Powerpack, Dual Fans	16830	7	66830	7
24"	15 1/2"	4 1/2"	3750	18.7 Per Fan	A11 Powerpack, Dual Fans	16831	7	66831	7
23 7/16"	15 7/16"	2 3/4"	2100	22	A14 Powerpack, Single Fan	16827	7	66827	7
24"	17"	3"	2400	23.5	A17 Powerpack, Single Fan	16828	9	66828	9
24"	17"	4 1/2"	3750	18.7 Per Fan	A11 Powerpack, Dual Fans	16833	7	66833	7

**24" - 31"  
Width**

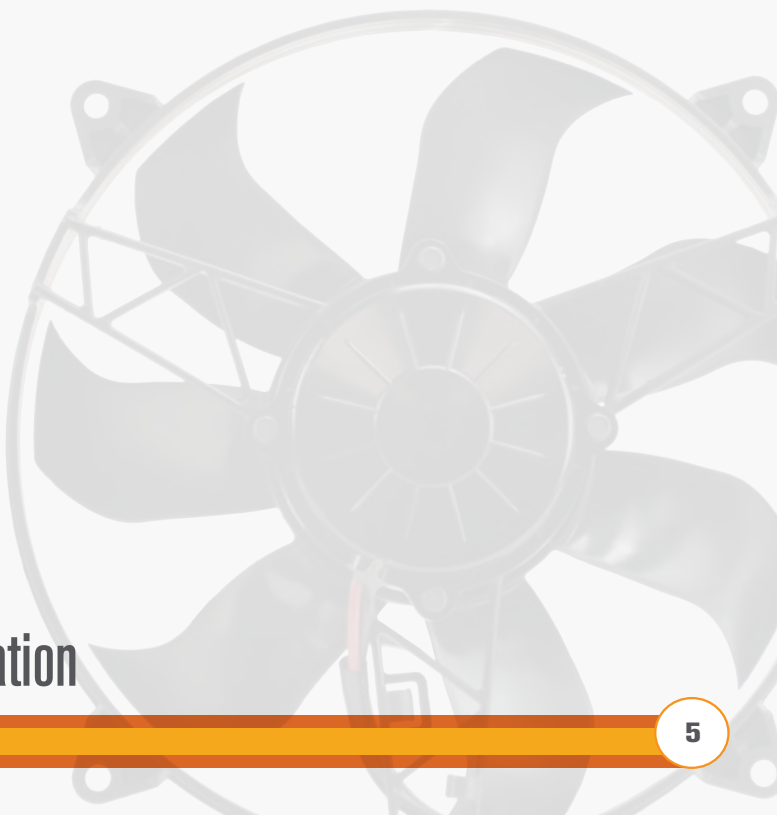
24 3/4"	11 1/2"	3"	1360	4.8 Per Fan	M10 Powerpack, Dual Fans	16812	8	//////////	//////
25 5/8"	17 1/8"	4"	4000	24.8 Per Fan	A12 Powerpack, Dual Fans	16825	7	66825	7
25 5/8"	17 1/8"	4"	4000	24.8 Per Fan	A12 Powerpack, Dual Fans	16826	7	66826	7
25 3/4"	17 3/4"	4 1/8"	4000	24.8 Per Fan	M12 Powerpack, Dual Fans	16929	8	//////////	//////
26"	18"	4"	4000	24.8 Per Fan	A12 Powerpack, Dual Fans	16842	7	66842	7
26"	18"	4"	4000	24.8 Per Fan	S12 Powerpack, Dual Fans	16927	7	66927	7
26 3/8"	16"	4"	4000	24.8 Per Fan	A12 Powerpack, Dual Fans	16836	7	66836	7
27"	18"	4"	4000	24.8 Per Fan	A12 Powerpack, Dual Fans	16837	7	66837	7
28 1/4"	17"	4"	4000	24.8 Per Fan	A12 Powerpack, Dual Fans	16838	7	66838	7
28 5/8"	13 7/8"	3 1/4"	4000	23.4 Per Fan	M12 Powerpack, Dual Fans	16928	8	//////////	//////
31 3/8"	15 3/4"	3 1/4"	4000	23.4 Per Fan	M12 Powerpack, Dual Fans	16934	8	//////////	//////



**Increases Horsepower & Torque  
Increased Fuel Economy**

# SINGLE ELECTRIC FANS

<b>FAN SIZE</b>	Part No.	CFM	Amp Draw	Overall Depth	Airflow	Page	<b>FAN SIZE</b>	Part No.	CFM	Amp Draw	Overall Depth	Airflow	Page	
<b>17"</b>	16217	2400	23.5	2 5/8"	Reversible	17	<b>10"</b>	16110	802	9.2	2 1/16"	Puller	18	
	18217							16010	650	5.3	2 1/2"	Reversible	18	
<b>16"</b>	16016	2175	18.4	4 1/8"	Reversible	19		16620	625	6.4	2 3/8"	Reversible	20	
	16516							16910						
	16626							18910	590	5.3	1 1/2"	Reversible	20	
	16116	2024	21	3 7/16"	Puller	18		<b>9"</b>	16309	475	5.5	2 1/4"	Reversible	20
	18916	1980	17.3	3 5/8"	Reversible	20			16509	570	5.4	2 1/2"	Reversible	19
	16136	1918	25.4	25.4"	Puller	20			16619	475	5.5	2 1/4"	Reversible	20
16316	1680	15.5	3 7/8"	Reversible	20									
16916						<b>8"</b>		16508	500	4.8	2 3/8"	Reversible	19	
<b>14"</b>	16214	2100	22	2 5/8"	Reversible		17	16618	350	5.3	2 1/4"	Puller	20	
	18214	1864	21.5	3 7/16"	Puller		18							
	16114													
	16014	1350	10.5	3 1/4"	Reversible		19	16308						
	16514	1230	9.7	3 1/8"	Reversible	20	16908	400	4.8	2 3/8"	Reversible	19		
16624														
18914														
16314	1225						12.4	3 1/4"	Reversible	20				
16914						<b>7"</b>	16507	315	3.6	2 1/4"	Puller	18		
<b>13"</b>	16142	1640	21.8	3 3/4"	Puller		18						16617	
	16924	2000	24.8	3 5/8"	Puller	11	<b>5"</b>	16105						
	16925	2000	23.4	3 1/8"	Puller	11		<b>4"</b>	16104	125	1.9	2 3/8"	Puller	18
	16212	1640	21.8	3 3/4"	Puller	17	<b>12"</b>							
	18212	1450	21	2 5/8"	Reversible	20								
18912														
16918	1350	16	3 1/2"	Puller	18									
16112	1328	14.2	2 7/16"	Puller	18									
16012	880	8.8	2 1/2"	Reversible	19									
16512														
16622	725	9	2 3/8"	Reversible	20									
16312														
16912														
<b>11"</b>	16920	1380	11	4"	Puller	18								



choose the right size for any application

# HIGH OUTPUT RAD FAN

aluminum shroud kits

ELIMINATES FUEL & HORSEPOWER-ROBBING  
BELT DRIVEN FANS



MAXIMUM PERFORMANCE

NOW AVAILABLE WITH BUILT IN

# PWM CONTROLLER

PULSE WIDTH  
MODULATION

get **COMPLETE** control  
of your engine temperature

for complete details see page 13





# HIGH OUTPUT DUAL RAD FANS ALUMINUM SHROUD

## A12 Dual Powerpack

- Optional integrated PWM Fan Controller
- Optional top & side mounting
- Aircraft-quality natural satin aluminum finish can be polished, painted or anodized
- Puller (engine side) applications ONLY
- Water/Dust Proof
- High Output 300-watt motors
- 4000 CFM  
12V 49.6 AMP
- Air pressure relief vents (Excluding #16825 & 66825)



Part No.	W/PWM	Width	Height
16825	66825	25 5/8"	15 1/8"
16826	66826	25 5/8"	17 1/8"
16836	66836	26 3/8"	16"
16837	66837	27"	18"
16838	66838	28 1/4"	17"
16842	66842	26"	18"
<b>Steel Shroud (Powdercoated Silver)</b>			
16927	66927	26"	18"




3 1/8" Bracket Adjustment Range



## A11 Dual Powerpack

- Optional integrated PWM Fan Controller
- Optional top & side mounting
- Aircraft-quality natural satin aluminum finish can be polished, painted or anodized
- Puller (engine side) applications ONLY
- Air pressure relief vents
- High Output 225-watt motors
- 3750 CFM  
12V 37.4 AMP
- 3 1/8" Bracket Adjustment Range

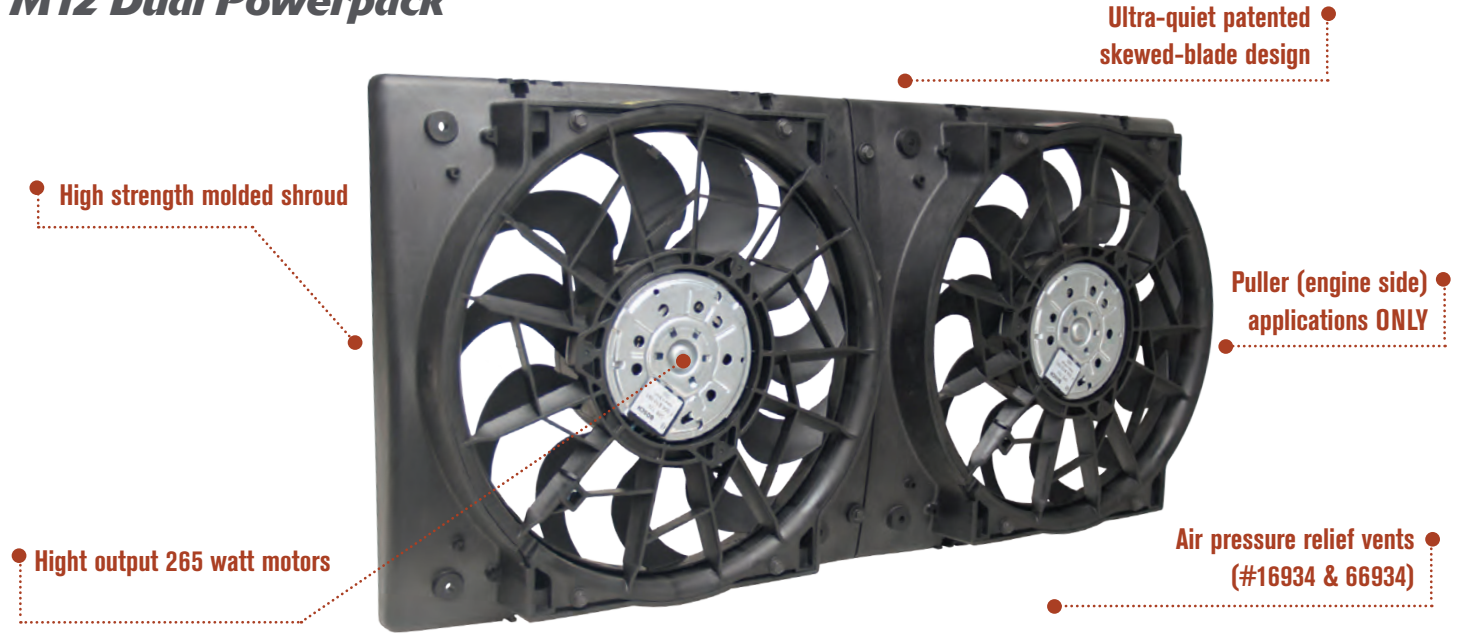


Part No.	W/PWM	Width	Height
16830	66830	22 1/2"	19"
16831	66831	24"	15 1/2"
16833	66833	24"	17"
16835	66835	23 3/4"	19 3/4"



# HIGH OUTPUT DUAL RAD FANS MOLDED SHROUD

## M12 Dual Powerpack

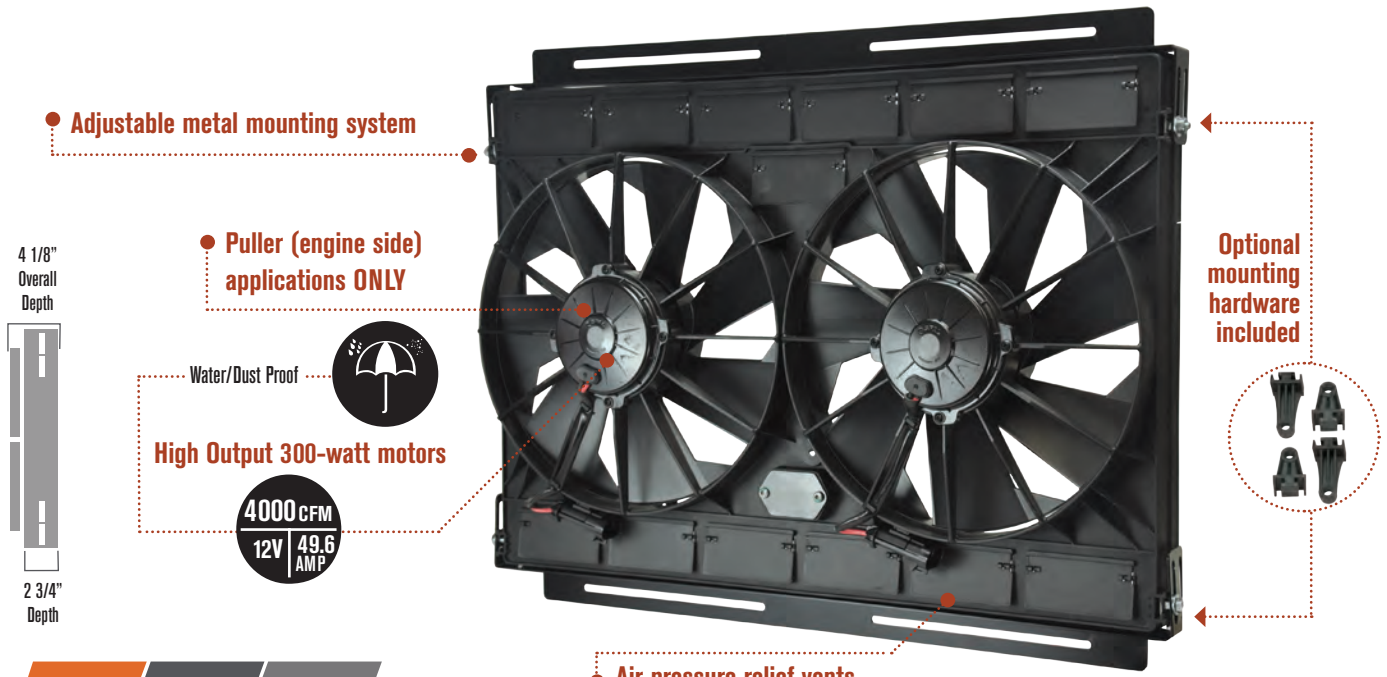


1300 CFM  
12V 9.6 AMP

4000 CFM  
12V 46.8 AMP

Part No.	Width	Height	Depth	Overall Depth
16928	28 5/8"	13 7/8"	1 1/2"	3 1/4"
16934	31 3/8"	15 3/4"	1 3/8"	3 1/4"
16812	24 3/4"	11 1/2"	1 3/4"	3"

## M12 Dual Powerpack



4 1/8" Overall Depth

2 3/4" Depth

Part No.	Width	Height
16929*	25 3/4"	17 3/4"

\*Dimensions do not include adjustable mounting brackets.

# HIGH OUTPUT SINGLE RAD FANS ALUMINUM SHROUD

## A17 Single Powerpack

- Aircraft-quality natural satin aluminum finish can be polished, painted or anodized
- Puller (engine side) applications ONLY
- High Output 265-watt two speed motors
- Air pressure relief vents
- Optional integrated PWM Fan Controller
- Optional top & side mounting

**HIGH SPEED**


2400 CFM

12V | 23.5 AMP


**LOW SPEED**

1800 CFM


12V | 17.4 AMP



Part No.	W/PWM	Width	Height
16816	//////	16 3/4"	17 5/8"
16818	66818	18"	18"
16819	66819	18 3/4"	17 5/8"
16821	66821	20 3/4"	17 5/8"
16822	66822	22 1/4"	17 5/8"
16823	66823	21"	16 3/4"
16828	66828	24"	17"
<b>Steel Shroud (Powdercoated Black)</b>			
16919	//////	19 1/2"	18"



3 1/8" Bracket Adjustment Range



3" Overall Depth  
1 1/8" Depth

## A14 Single Powerpack

- Aircraft-quality natural satin aluminum finish can be polished, painted or anodized
- Puller (engine side) applications ONLY
- High Output 265-watt two speed motors
- Air pressure relief vents
- Optional integrated PWM Fan Controller
- Optional top & side mounting

**HIGH SPEED**


2100 CFM

12V | 22 AMP

**LOW SPEED**

1500 CFM

12V | 16.2 AMP



Part No.	W/PWM	Width	Height
16817	66817	17"	16 3/8"
16820	66820	20"	16 3/8"
16827	66827	23 7/16"	15 7/16"



# HIGH OUTPUT SINGLE RAD FAN ALUMINUM SHROUD

## A12 Single Powerpack

Optional top & side mounting

Aircraft-quality natural satin aluminum finish can be polished, painted or anodized

Water/Dust Proof

High Output 300-watt motors

2000 CFM  
12V | 24.8 AMP

Air pressure relief vents

Puller (engine side) applications ONLY

3 1/8" Bracket Adjustment Range

Part No.	Width	Height
16814	18"	13"

4" Overall Depth

2 3/4" Depth

# HIGH OUTPUT SINGLE RAD FAN MOLDED SHROUD

## M12 Single Powerpack

High strength molded shroud

Puller (engine side) applications ONLY

High Output 265-watt motors

2000 CFM  
12V | 23.4 AMP

Ultra-quiet patented skewed-blade design

Air pressure relief vents

Part No.	Width	Height
16926	15 3/4"	15 3/4"

3 1/4" Overall Depth

1 1/8" Depth

# HIGH OUTPUT SINGLE RAD FANS

Part No.	Fan Size	Width	Height	Part No.	Fan Size	Width	Height	Part No.	Fan Size	Width	Height
16913	14"	14 1/2"	14 1/2"	16925	12"	12 5/8"	12 5/8"	16924	12"	13 1/8"	13 1/8"
16917	17"	16 7/8"	16 7/8"								

## D.I.Y

## DO-IT-YOURSELF PULLER APPLICATION DROP-IN ELECTRIC FANS

DROP-IN SINGLE RAD FANS FOR THE D.I.Y. PROS AT HOME!

### PUSHER APPLICATION

Mounting kit included for Pusher installation.  
No shroud necessary

Choose from 1 of 4 pusher style fans that can be pullers by using your custom built shroud.\*  
All fans come complete with detailed drawing of all cut out and hole dimensions.



\*Custom built shroud not included.

# *Electric* FAN CONTROLLERS



# PWM

*Electric Fan  
Controller*

Get **COMPLETE** control of your engine temperature

## SOFT START TECHNOLOGY

Continuous fan control without  
damaging amp spikes

OPERATES  
FROM **Zero**  
to **100%**

**65**  
amp capacity

**MULTIPLE  
FAN CONTROL**

**INCLUDES AUTO  
RESETTING CIRCUIT  
BREAKER**

**EXTENDS**  
*ELECTRIC FAN LIFE*

**REDUCES ELECTRIC FAN NOISE**



**BUILT-IN** A/C OVERRIDE CIRCUIT  
CURRENT OVERLOAD  
OVERHEATING PROTECTION

**Part No. 16795**

US Patent.  
7006762



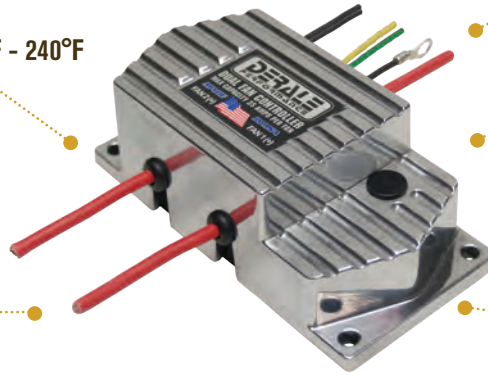
# HIGH AMP. ADJUSTABLE FAN CONTROLLERS

## SINGLE FAN CONTROLLER

Adjustable fan activation range from 150°F - 240°F

35 amp Capacity

Turn-off temperature preset at 15°F below activation setting



## DUAL FAN CONTROLLER

Activate Fan #1 at desired temperature

Activates Fan #2 at temperature 10°F warmer than fan #1

70 amp Capacity  
35 Per Fan

Turn-off temperature presets at 10°F below activation settings

## CONTROLLERS also feature...

- Finned, die-cast aluminum housing with bright finish
- Interchangeable probe design available in both push-in radiator probe & 3/8" NPT thread in probe
- Automatic resetting circuit breaker
- Air conditioning override circuit built-in
- Measures: 4 5/8" L x 2 5/16" W x 1 1/2" H



MADE IN U.S.A

### Application

### Part No.

Dual Controller - Push-in probe	16788
Dual Controller - 3/8" NPT probe	16789
Single Controller - Push-in probe	16778
Single Controller - 3/8" NPT probe	16779
Replacement probe - Push-in	16752
Replacement probe - 3/8" NPT	16753

# ADJUSTABLE FAN CONTROLLERS

Adjustable fan activation range from 150°F - 240°F

Turn-off temperature preset at 10°F below activation setting

25 amp Capacity

Interchangeable probe design  
Push-in radiator or 3/8" NPT thread-in probe

Air conditioning override circuit built-in



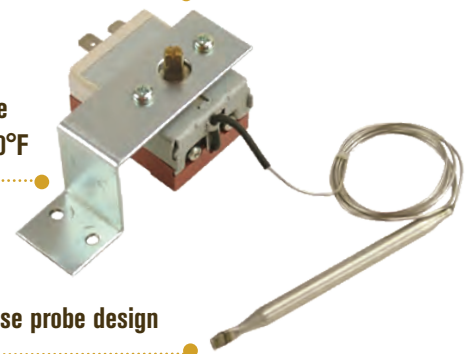
# MECHANICAL FAN CONTROLLER

Turn-off temperature preset at 10°F below activation setting

16 amp Capacity

Adjustable fan activation range from 32°F - 240°F

Radiator hose probe design



### Application

### Part No.

3/8" NPT Thread-in probe	16749
Push-in radiator probe	16759
Rep. 3/8" NPT Thread-in probe	16750
Rep. Push-in radiator probe	16760

Measures: 3 3/4" L x 1 9/16" W x 2 1/2" H

### Application

### Part No.

Capillary tube	16769
----------------	-------



# SINGLE STAGE FAN CONTROLLER



**1 TEMPERATURE**

**180°**

**190°**

**2 PROBE**

**PUSH-IN RADIATOR PROBE**

**THREAD-IN PROBE**

**3 CAPACITY**

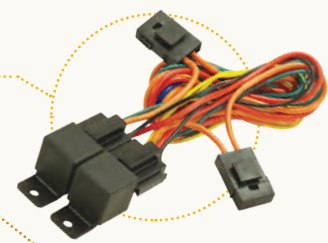
**15 amp Capacity**

**25 amp Capacity**

Part No. 16730	Part No. 16720	Part No. 16731	Part No. 16721	Part No. 18739	Part No. 18738	Part No. 18735	Part No. 16739	Part No. 16738	Part No. 16735
●	●			●	●	●	●	●	●
		●	●						
					●	●		●	●
●	●	●	●	●		●	●	●	●
●		●		●	●	●			
	●		●				●	●	●

## ELECTRIC FAN ACCESSORIES

Description	Part No.
40/60 Amp. Single Relay Harness	16763
40/60 Amp. Dual Relay Harness	16765
40/60 Amp. Relay Only	16764
25 Amp Circuit Breaker	16751
50 Amp Circuit Breaker	16754
Toggle Switch 12v, 3 pole	16740



# HIGH OUTPUT SINGLE RAD FANS



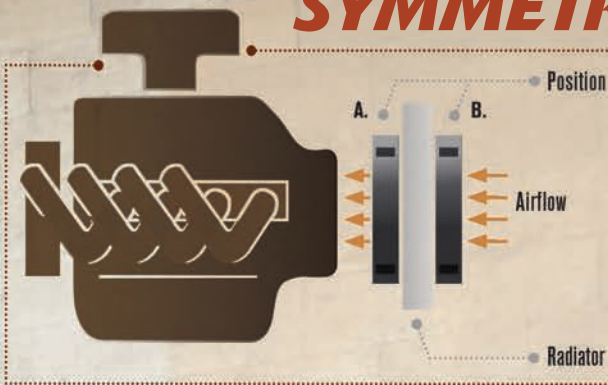
ULTRA QUIET PATENTED BLADES

PUSHER OR PULLER

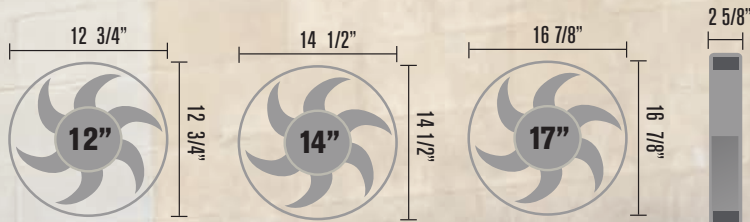
H.O. 265-WATT 2-SPEED MOTOR



# State of the Art *SYMMETRICAL DESIGN*



Our High Output Single RAD Fans offer a state-of-the-art symmetrical design easily making the fan a Pusher or Puller. These fans pull hard through thick and tight configuration cores and eliminate the hassle of flipping fan blades or reversing polarities. Simply mount in position A. or B. for preferred airflow



12V

Premium Part No.	Standard Part No.	Fan Size	CFM	Amp Draw (High / Low)
16212	18212	12"	1450/1000	21 / 15
16214	18214	14"	2100/1500	22 / 16.2
16217	18217	17"	2400/1800	23.5 / 17.4

## *PREMIUM* MOUNTING KITS

Patented ratchet mounting system allows for easy adjustable mounting. Available for single and dual fan set-ups. Compatible with Derale fans: 16212, 16214, 16217, 18212, 18214 & 18217



Single Rad Kit  
Part No. 16746



Dual Rad Kit  
Part No. 16200



# H.O. EXTREME - ELECTRIC FANS

High performance primary cooling fans eliminate fuel & horsepower-robbing belt driven fans

Maximum performance at high static-pressure loads



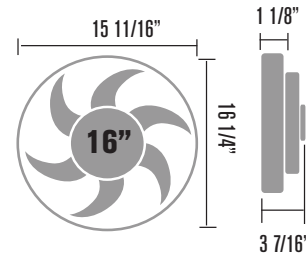
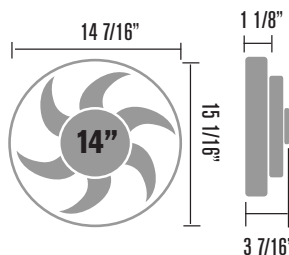
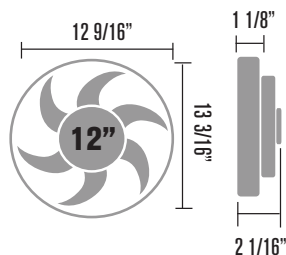
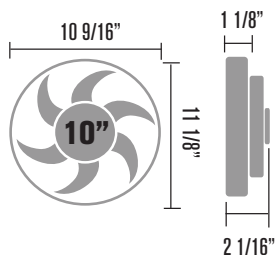
Powerful high-watt motors

12V

Perfect for off-road & extreme conditions

Puller (engine side) applications

Part No.	Fan Size	CFM	Amp Draw
16110	10"	802	9.2
16112	12"	1328	14.2
16114	14"	1864	21.5
16116	16"	2024	21.0



High performance primary cooling fans eliminate fuel & horsepower-robbing belt driven fans

Maximum performance at high static-pressure loads



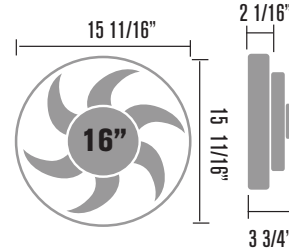
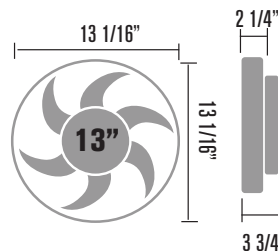
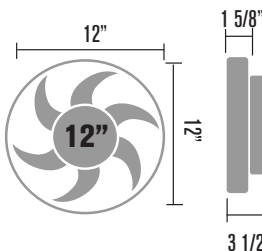
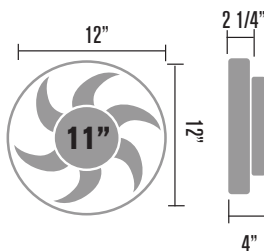
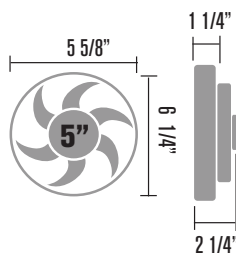
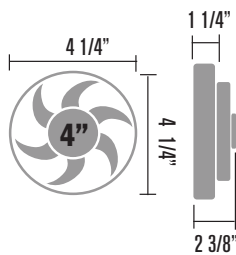
Powerful high-watt motors

12V

Perfect for off-road & extreme conditions

Puller (engine side) applications

Part No.	Fan Size	CFM	Amp Draw
16104	4"	125	1.9
16105	5"	315	3.6
16920	11"	1380	11.0
16918	12"	1350	16.0
16142	13"	1640	21.8
16136	16"	1918	25.4



# TORNADO - ELECTRIC FANS



• High performance primary cooling fans eliminate fuel & horsepower-robbing belt driven fans

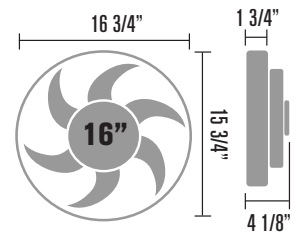
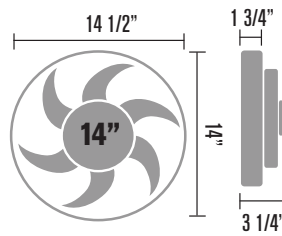
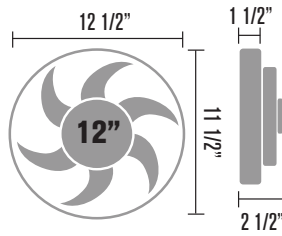
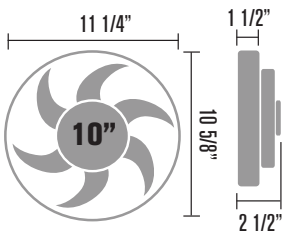
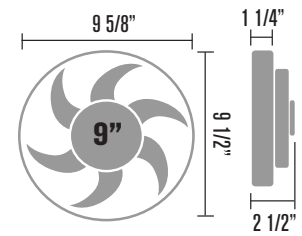
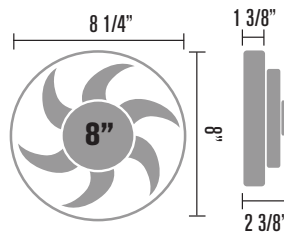
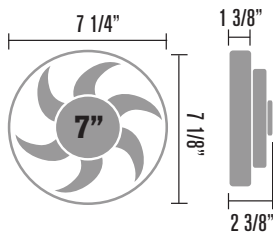


reversible

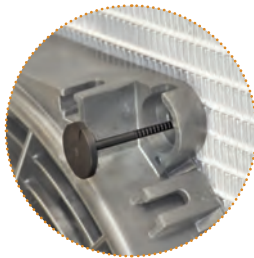


• Ultra-Quiet patented skewed blade design

Premium Part No.	Standard Part No.	Fan w/ Thermostat Part No.	Fan Size	CFM	Amp Draw
16507	16617	//////	7"	400	4.8
16508	16618	//////	8"	500	4.8
16509	16619	//////	9"	570	5.4
16510	16620	16010	10"	650	5.3
16512	16622	16012	12"	880	8.8
16514	16624	16014	14"	1350	10.5
16516	16626	16016	16"	2175	18.4



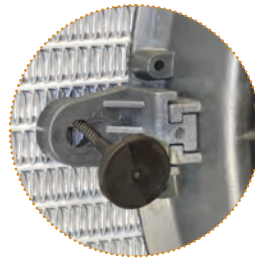
## ELECTRIC FAN MOUNTING KITS



Part No.

Description

13001 Plastic Rod Mounting Kit  
16745 Complete Plastic Rod Installation Kit



Part No.

Description

16744 Plastic Rod Kit w/ Mounting Feet  
16742 Complete Installation Kit w/ Mounting Feet



Part No.

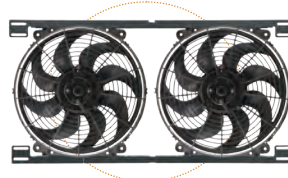
Description

16743 Metal Rod Mounting Kit  
16741 Complete Metal Rod Installation Kit

### Tornado-Dual Fans with brackets

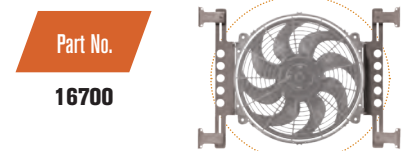
Brackets: Black Powdercoated Finish

Part No.	Fan Size	CFM	Amp Draw Fan 1 / 2
16824	Dual 12"	1760	8.8 / 8.8
16834	Dual 14"	2700	10.5 / 10.5
16701	Dual Fan Mounting Brackets Only		



### Tornado Single Fan Mounting Bracket Kit

Brackets fit: 10", 12", 14" & 16" Tornado Fans  
Clear Anodized Aluminum Finish



Part No.

16700

# DYNO COOL - ELECTRIC FANS

Powerful high-watt motors

Low-profile designs



reversible

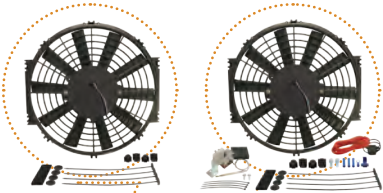
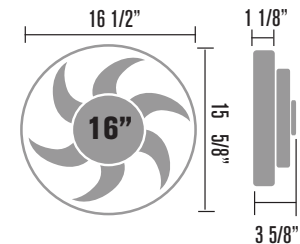
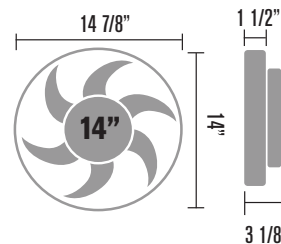
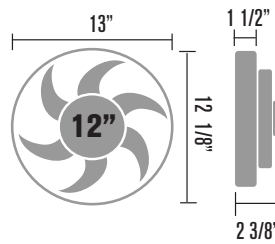
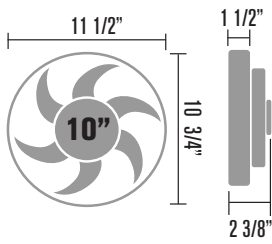
12V



Standard Part No.	Fan Size	CFM	Amp Draw
18910	10"	590	5.3
18912	12"	810	8.3
18914	14"	1230	9.7
18916	16"	1980	17.3

Quiet and efficient balanced curved blades

Increase horsepower & torque



Part No.	Fan w/ thermostat Part No.	Fan Size	CFM	Amp Draw
16908	16308	8"	350	5.3
16909	16309	9"	475	5.5
16910	16310	10"	625	6.4
16912	16312	12"	725	9.0
16914	16314	14"	1225	12.4
16916	16316	16"	1680	15.5

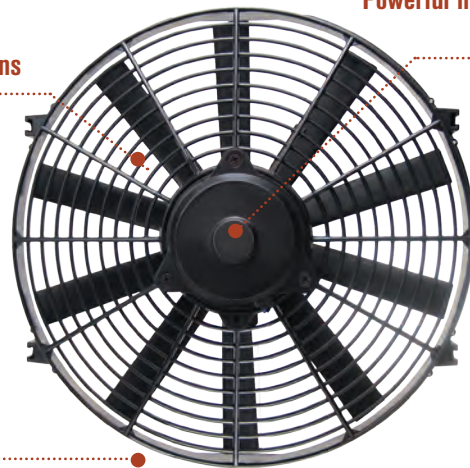
Low-profile designs

Powerful high-watt motors

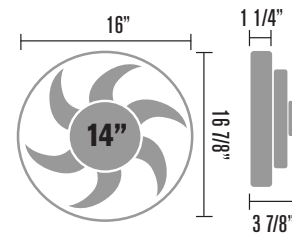
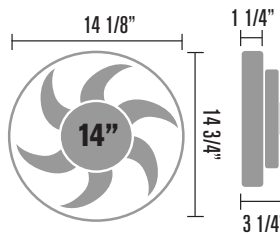
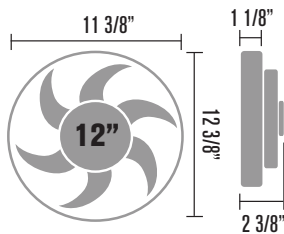
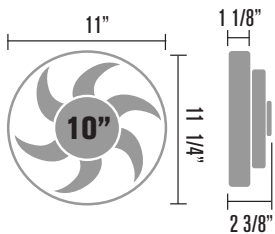
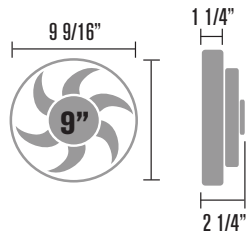
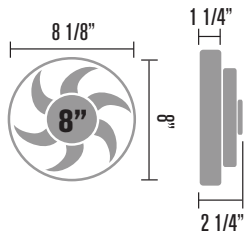


reversible  
(8" Fans non-reversible)

12V



Increase horsepower & torque



**Performance Electric Fan**

● High Output fan shroud assembly replaces factory fan clutch/shroud using factory mounting locations

● Perfect for off-road & water crossing use

● Aluminum shroud

● Radiator reservoir remount brackets included (used on some 4 & 6 cyl. applications)



3 3/4" Overall Depth

1 7/8" Depth

1987-1996 JEEP WRANGLER YJ  
1997-2006 JEEP WRANGLER TJ  
ALL 4 & 6 CYLINDER ENGINES

**COMPLETE KITS INCLUDE EVERYTHING YOU NEED FOR A DO-IT-YOURSELF INSTALLATION**



Water/Dust Proof

Powerful high-watt motors

1918 CFM  
12V 25.6 AMP

● Power steering remount brackets included (used on some 4 cyl. applications)

Part No.	Fan Size	Width	Height
20161	16"	19 1/2"	18"

**Automatic Transmission Cooler**

500 CFM  
12V 4.8 AMP

● 8" Electric fan

● Efficient 16 row Plate & Fin Cooler

● Reduces fluid temperatures 30°F - 40°F



● Mounts to frame rail with no drilling

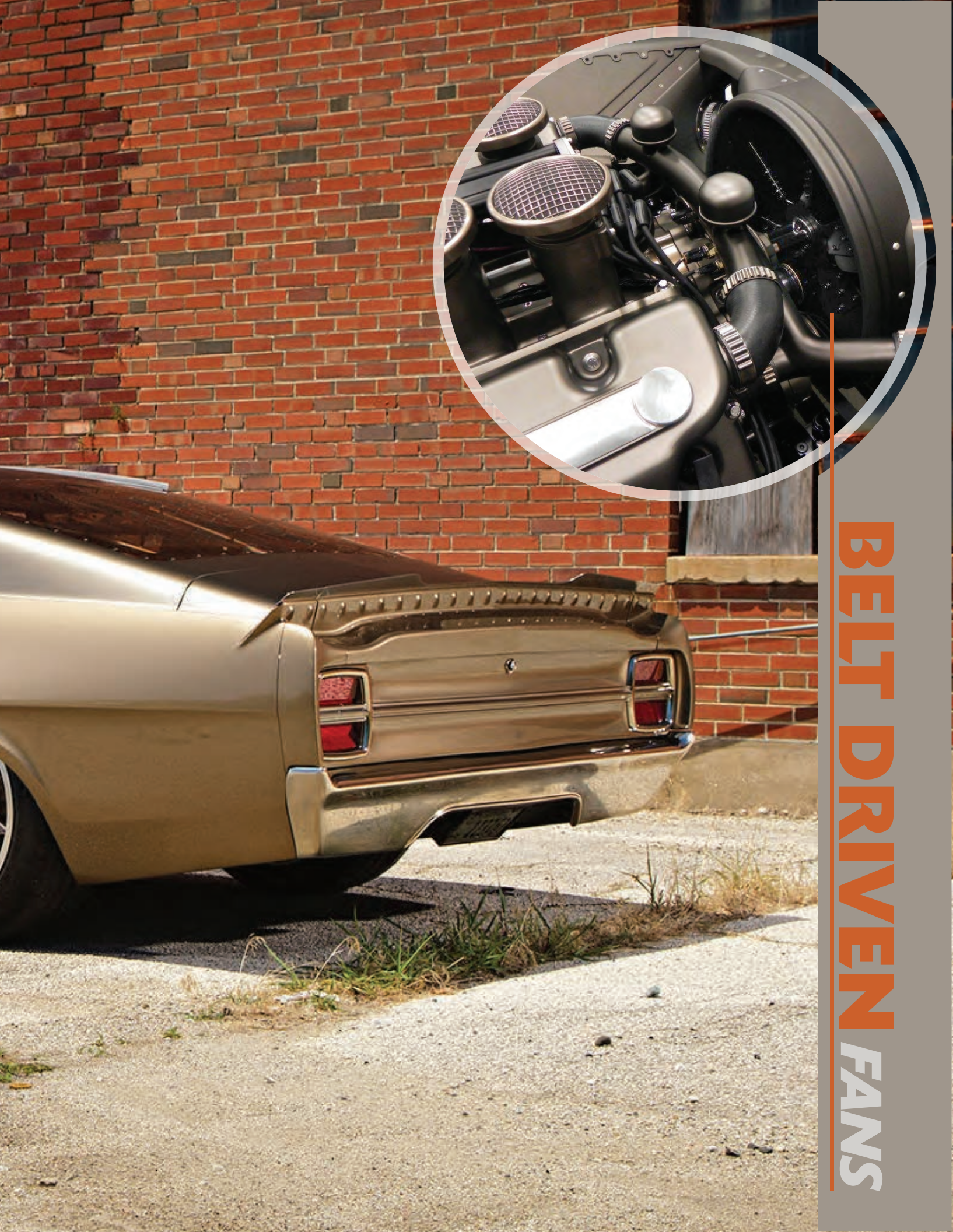
Part No.

- 20561 Complete Kit
- 13750 Replacement Cooler Assembly
- 20500 Frame Mount Bracket Set









**BELT DRIVEN FANS**

# HEAVY DUTY

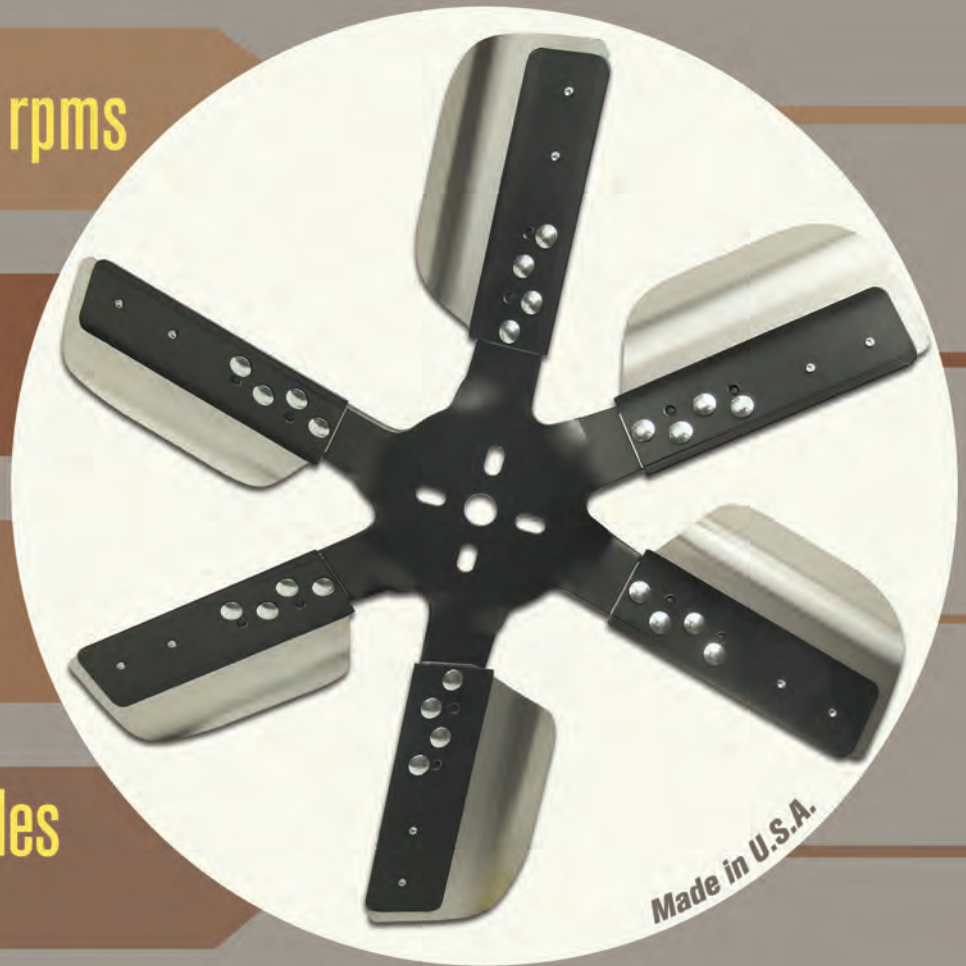
# FLEX FANS

Rated up to 10,000 rpms

HD Steel Hub

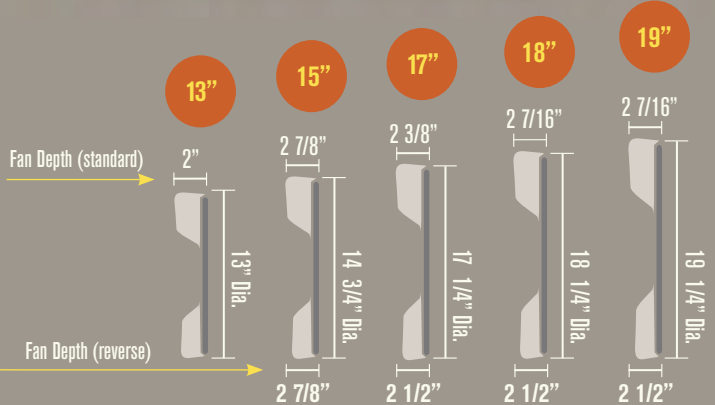
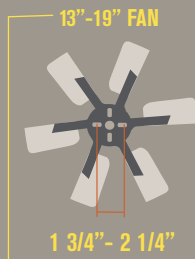
Available in...  
Chrome or Black

Stainless Steel Blades  
with built-in Rebound Vipers



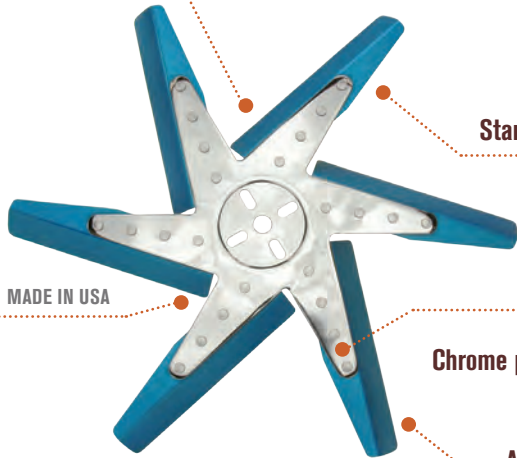
## BELT DRIVEN

Rotation	Black Hub Part No.	Chrome Hub Part No.	Fan Size
Standard	17013	17213	13"
Standard	17015	17215	15"
Standard	17017	17217	17"
Standard	17018	17218	18"
Standard	17019	17219	19"
Reverse	17615	////	15"
Reverse	17617	17817	17"
Reverse	17618	17818	18"
Reverse	17619	17819	19"



# HIGH PERFORMANCE ALUMINUM FLEX FANS

Rated up to 8,000 rpms

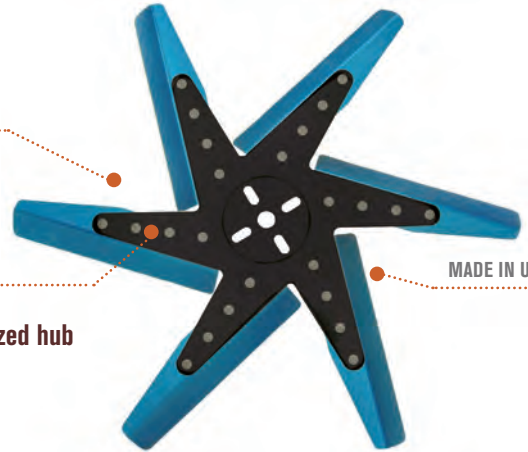


Standard rotation only

MADE IN USA

Chrome plated or black anodized hub

Aluminum fan blades



MADE IN USA

Rotation	Black Hub Part No.	Chrome Hub Part No.	Fan Size	Fan Color
Standard	19817	19417	17"	Red
Standard	19818	19418	18"	Red
Standard	19917	19517	17"	Blue
Standard	19918	19518	18"	Blue



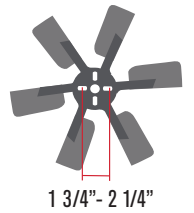
18"



17"



17"-18" FAN



1 3/4" - 2 1/4"

# HIGH PERFORMANCE STAINLESS FLEX FANS

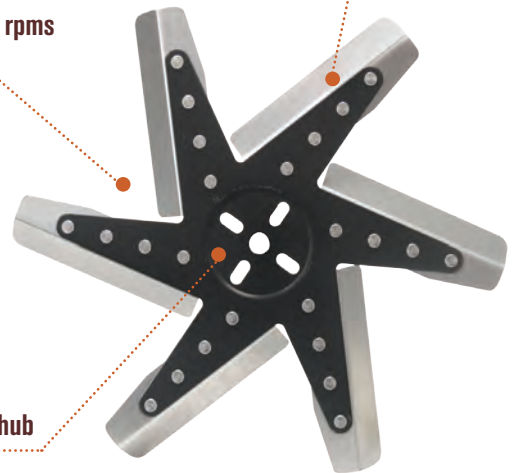
Rated up to 8,000 rpms

Rotation	Black Hub Part No.	Chrome Hub Part No.	Fan Size
Standard	19113	19213	13"
Standard	19115	19215	15"
Standard	19117	19217	17"
Standard	19118	19218	18"
Reverse	19313	19713	13"
Reverse	19315	19715	15"
Reverse	19317	19717	17"
Reverse	19318	19718	18"



Chrome plated or black powdercoated hub

Stainless steel blades



18"



17"



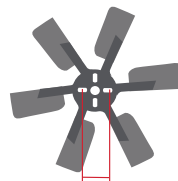
15"



13"



13"-18" FAN



1 3/4" - 2 1/4"



MADE IN U.S.A.

# RIGID RACE STEEL BLADE FANS

Rated up to 8,000 rpm



Maximum full-time airflow

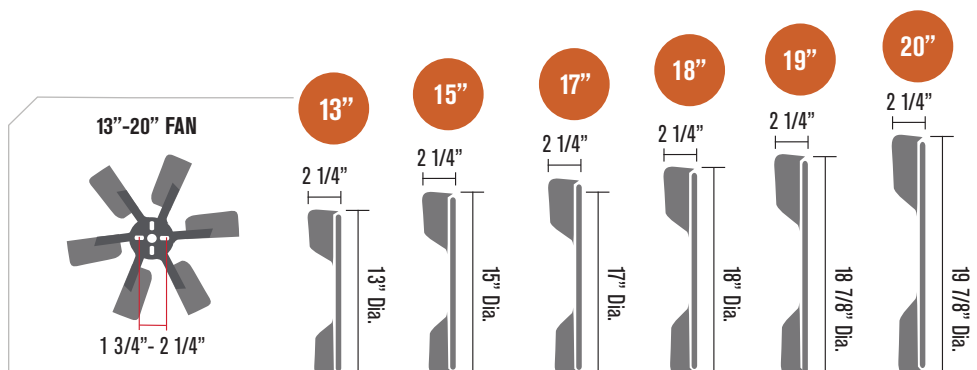
Standard or reverse rotation

Steel fan blades



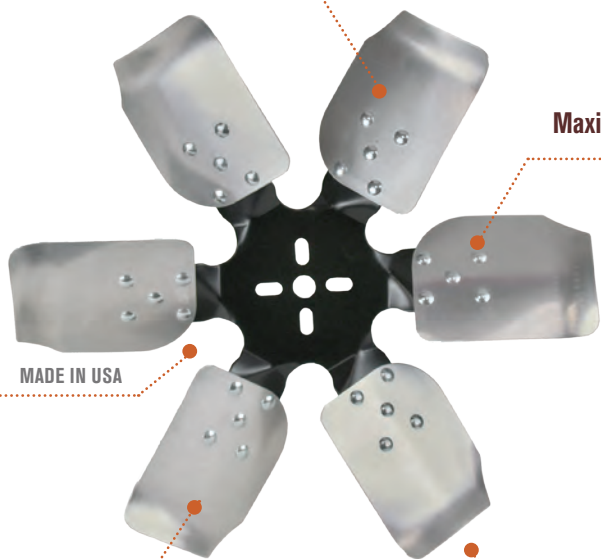
MADE IN U.S.A

Rotation	Part No.	Fan Size
Standard	17313	13"
Standard	17315	15"
Standard	17317	17"
Standard	17318	18"
Standard	17319	19"
Standard	17320	20"
Reverse	17413	13"
Reverse	17415	15"
Reverse	17417	17"
Reverse	17418	18"
Reverse	17419	19"
Reverse	17420	20"



Rated up to 8,000 rpm

# RIGID RACE ALUMINUM BLADE FANS



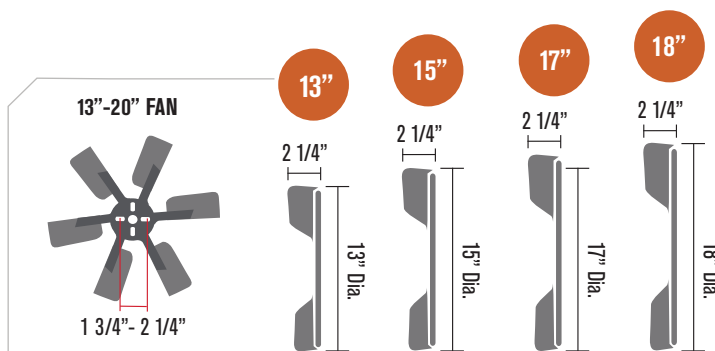
Maximum full-time airflow

Standard rotation only

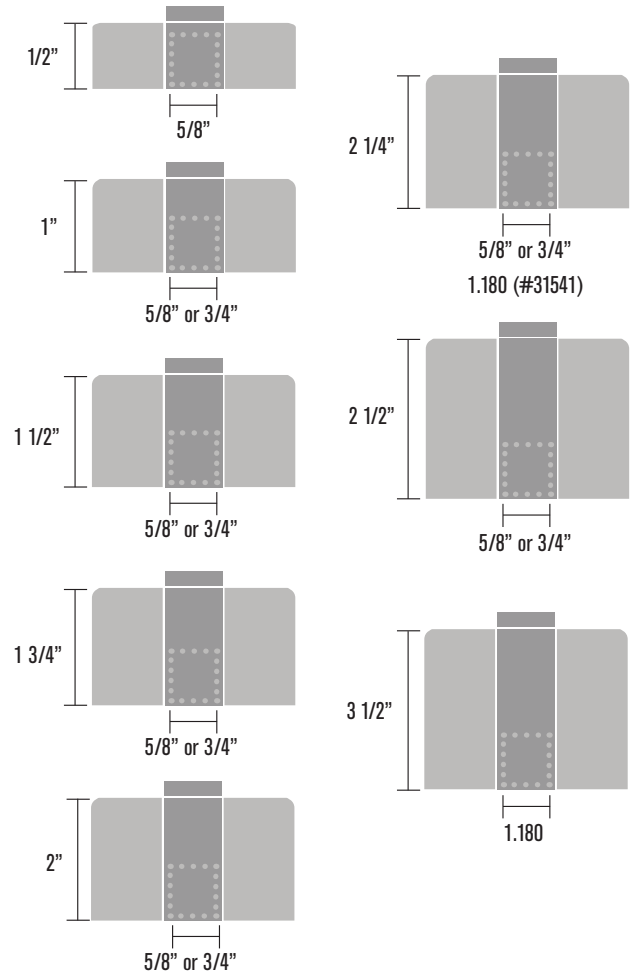
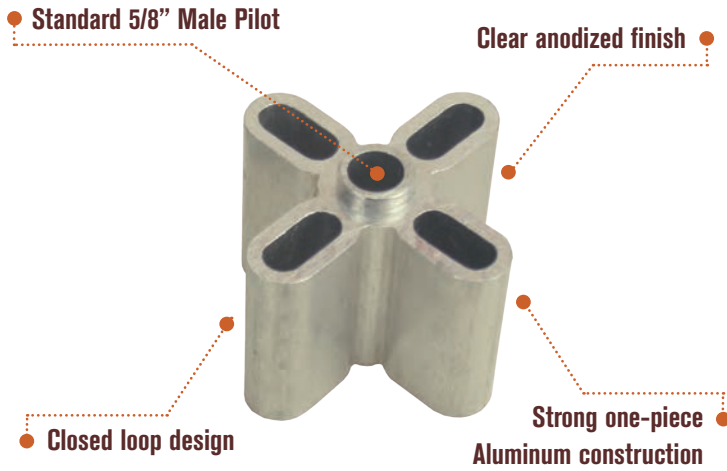
MADE IN USA

Aluminum fan blades

Rotation	Part No.	Fan Size
Standard	17513	13"
Standard	17515	15"
Standard	17517	17"
Standard	17518	18"



# BELT DRIVEN FAN SPACERS

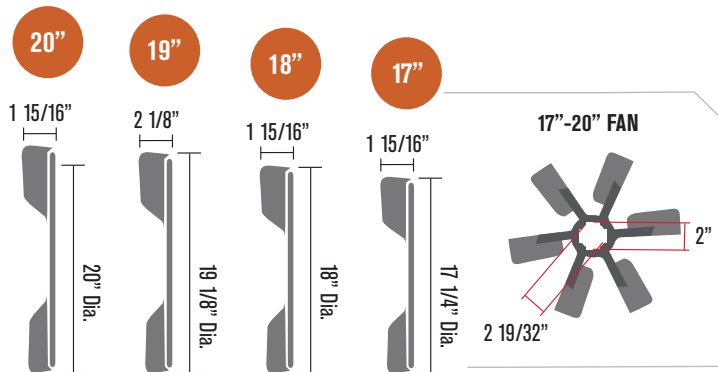
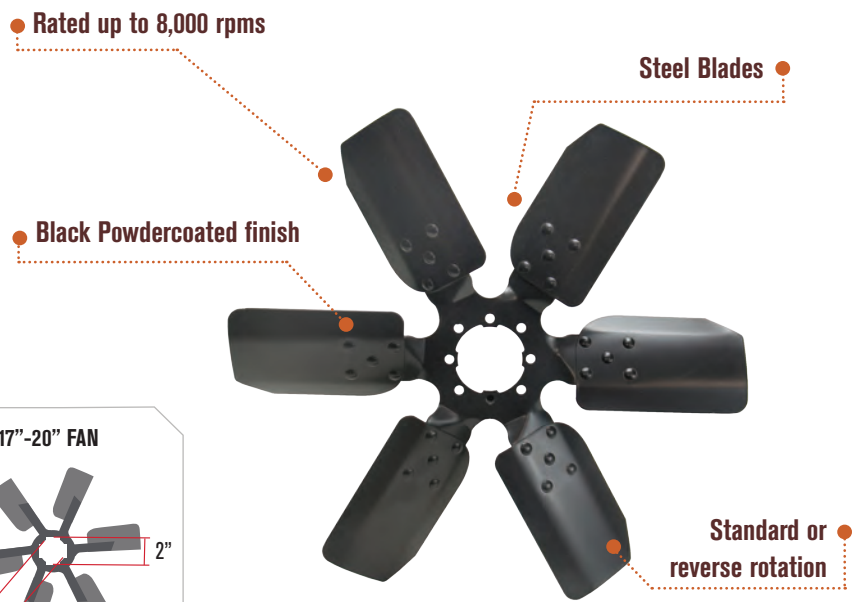


Part No.	Spacer Size	Bolts (4x)	Bolt Length
31500	1/2"	5/16"-18 / 5/16"-24	1 1/4"
31510	1"	5/16"-18 / 5/16"-24	1 3/4"
31515	1 1/2"	5/16"-18 / 5/16"-24	2 1/4"
31518	1 3/4"	5/16"-18 / 5/16"-24	2 1/2"
31520	2"	5/16"-18 / 5/16"-24	2 3/4"
31521	2"	8mm x 1.25	2 3/4"
31540	2 1/4"	5/16"-18 / 5/16"-24	3 1/8"
31541	2 1/4"	8mm x 1.25	3 1/8"
31547	2 1/4"	6mm x 1.00 / 8mm x 1.25	3 1/8"
31550	2 1/2"	5/16"-18 / 5/16"-24	3 1/4"
31551	3 1/2"	8mm x 1.25	4 3/8"

Rotation	Part No. Black Hub	Fan Size
Standard	17117	17"
Standard	17118	18"
Standard	17119	19"
Standard	17120	20"
Reverse	17917	17"
Reverse	17918	18"
Reverse	17919	19"
Reverse	17920	20"



# FAN CLUTCH FANS



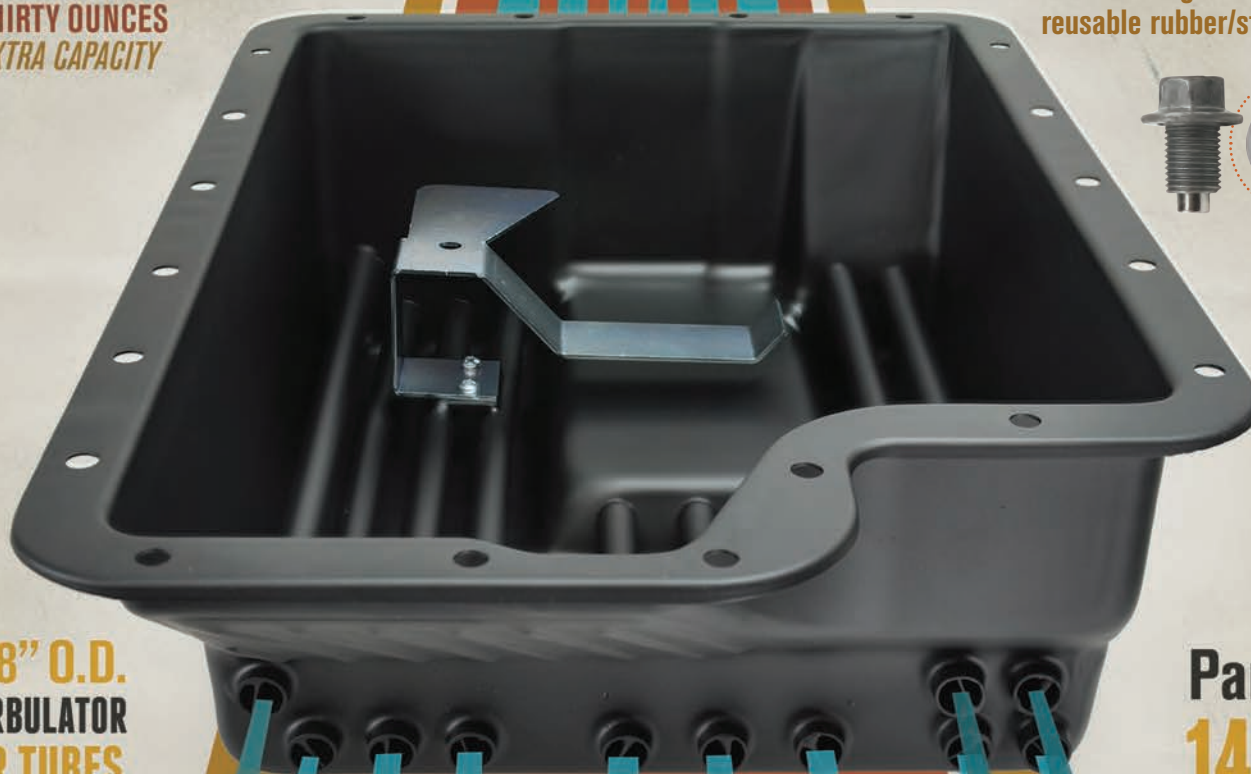
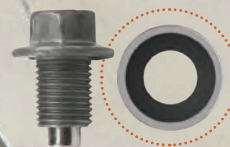
# TRANSMISSION COOLING PANS

## FORD E40D, 4R100, 5R110 & 5R110W

UP TO... **7 QTS**  
THIRTY OUNCES  
EXTRA CAPACITY

### FEATURES:

Features rare earth magnetic drain plug with increased magnetic strength & reusable rubber/steel washer



**5/8" O.D.**  
TURBULATOR  
AIR TUBES

Part No  
**14208**

Rep. Gasket Part No.  
96908



# DODGE/CHRYSLER COOLING PAN

Fits most Dodge/Chrysler  
A727, A904, A518 & A618

Transmission	Part No.	Rep. Gasket
A727, A904, A518 & A618	14210	96905

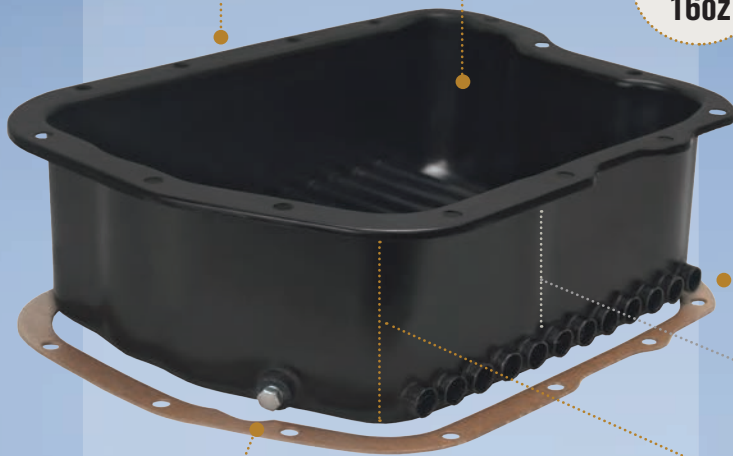


MADE IN U.S.A

Two stage heat-dissipating black finish

Extra Capacity

5qts  
16oz



Features rare earth magnetic drain plug with increased magnetic strength & reusable rubber/steel washer

Tube Depth  
3 5/8"

Pan Depth  
4 1/2"

1/8" NPT temperature sender port

# DEEP PAN FILTER EXTENDER

Extends filter 1"



Transmission

Part No.

A727, A904, A518 & A618

14010



MADE IN U.S.A



# GM 4L80E COOLING PAN

4 qts  
16 oz

Extra Capacity

Two stage heat-dissipating black finish

Tube Depth  
2 3/4"

Pan Depth  
4 1/16"

1/8" NPT temperature  
sender port

Features rare earth magnetic drain  
plug with increased magnetic strength  
& reusable rubber/steel washer

Fits most GM 4L80E  
1991-2008 applications

Transmission	Part No.	Rep. Gasket
4L80E	14207	96909



MADE IN U.S.A

# GM 700R4 & 4L60E

Heat-dissipating two-stage black finish

Extra Capacity

2 qts  
4 oz

Tube Depth  
2 1/2"

1/8" NPT temperature  
sender port

Pan Depth  
3 5/8"

Features rare earth magnetic drain  
plug with increased magnetic strength  
& reusable rubber/steel washer

Fits most GM 700R4 & 4L60E  
1982-1999 applications

Transmission	Part No.	Rep. Gasket
700R4, 4L60E	14204	96906



MADE IN U.S.A



# GM TURBO 350 COOLING PAN

● Features rare earth magnetic drain plug with increased magnetic strength & reusable rubber/steel washer

● Two stage heat-dissipating black finish

Extra Capacity

2 qts

Fits most GM Turbo 350  
1968-1986 applications

Tube Depth  
2 3/8"

Pan Depth  
3 1/4"

● 1/8" NPT temperature sender port

Transmission	Part No.	Rep. Gasket
Turbo 350	14200	96900



MADE IN U.S.A

# GM TURBO 400 COOLING PANS

● Two stage heat-dissipating black finish

Up to  
3qts  
8oz

Extra Capacity

1qt  
17oz

Extra Capacity

Tube Depth  
2"

Tube Depth  
3 1/16"

Pan Depth  
4"

● Features rare earth magnetic drain plug with increased magnetic strength & reusable rubber/steel washer

● 1/8" NPT temperature sender port

Pan Depth  
2 7/8"

● Magnetic drain plug with increased magnetic strength

● 1/8" NPT temperature sender port

Standard: Fits most GM Turbo 400 / 1966-1990 applications  
Deep Pan: Fits most GM Turbo 400 / 1978-1990 applications



MADE IN U.S.A

## Deep Pan Filter Extender

Application	Part No.
TH400 Deep pan	14002



● Extends Filter 1 1/16"

Transmission	Part No.	Rep. Gasket
Turbo 400 Standard	14201	96901
Turbo 400 Deep	14202	96901



# FILTRATION SYSTEMS

ENGINE / TRANSMISSION / POWER STEERING / FUEL



The look of...

**Billet**  
without the cost

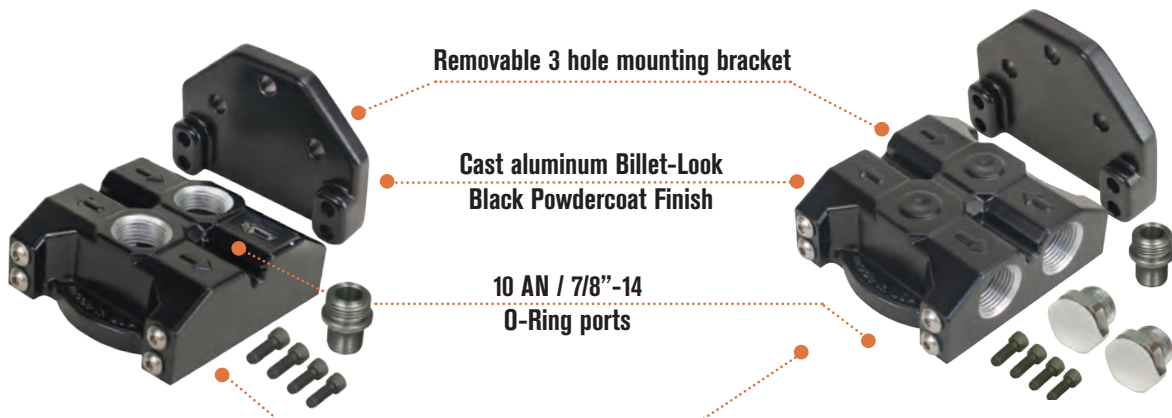


Perfect for  
**ENGINE  
TRANSMISSION  
FUEL Filtration**



**Reverse**  
FLOW DESIGN

**PREMIUM SERIES FILTER MOUNTS**



Designed to fit 2 1/2" to 3 1/2" oil filter



MADE IN U.S.A

Ports Up Kit Part No.	Side - Single Kit Part No.	Side - Dual Kit Part No.	Filter Threads	Filter Landing	Inlet/Outlet Ports
35708	35709	35707	3/4"-16	2 1/2", 2 3/4" or 3 1/2"	-10 AN / 7/8"-14 O-ring
35728	35729	35727	13/16"-16	2 1/2", 2 3/4" or 3 1/2"	-10 AN / 7/8"-14 O-ring



# REMOTE FILTER MOUNTS



● 3 Bolt Heavy Duty Mounting Flange

● Ultra Bright Cast Aluminum Finish



## SINGLE - SIDE PORTS

Kit Part No.	Mount Part No.	Filter Threads	Filter Landing	Inlet/Outlet Ports	Replacement Nipple
13049	25049	3/4"-16	2 1/2", 2 3/4"	3/8" NPT	98020
15709	25709	3/4"-16	2 1/2", 2 3/4"	1/2" NPT	98020
15729	25729	13/16"-16	2 1/2", 2 3/4", 3 1/2"	1/2" NPT	98021



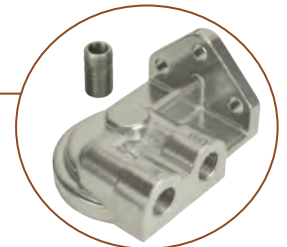
## SINGLE - PORTS UP

Kit Part No.	Mount Part No.	Filter Threads	Filter Landing	Inlet/Outlet Ports	Replacement Nipple
////////	25044	3/4"-16	2 1/2", 2 3/4"	1/4" NPT	98020
13005	25005	3/4"-16	2 1/2", 2 3/4"	3/8" NPT	98020
15708	25708	3/4"-16	2 1/2", 2 3/4"	1/2" NPT	98020
15728	25728	13/16"-16	2 1/2", 2 3/4", 3 1/2"	1/2" NPT	98021



## SINGLE - PORTS LEFT/RIGHT

Ports	Mount Part No.	Filter Threads	Filter Landing	Inlet/Outlet Ports	Replacement Nipple
Left	25750	3/4"-16	2 1/2", 2 3/4"	3/8" NPT	98020
Right	25751	3/4"-16	2 1/2", 2 3/4"	3/8" NPT	98020
Left	25752	3/4"-16	2 1/2", 2 3/4"	1/2" NPT	98020
Right	25753	3/4"-16	2 1/2", 2 3/4"	1/2" NPT	98020

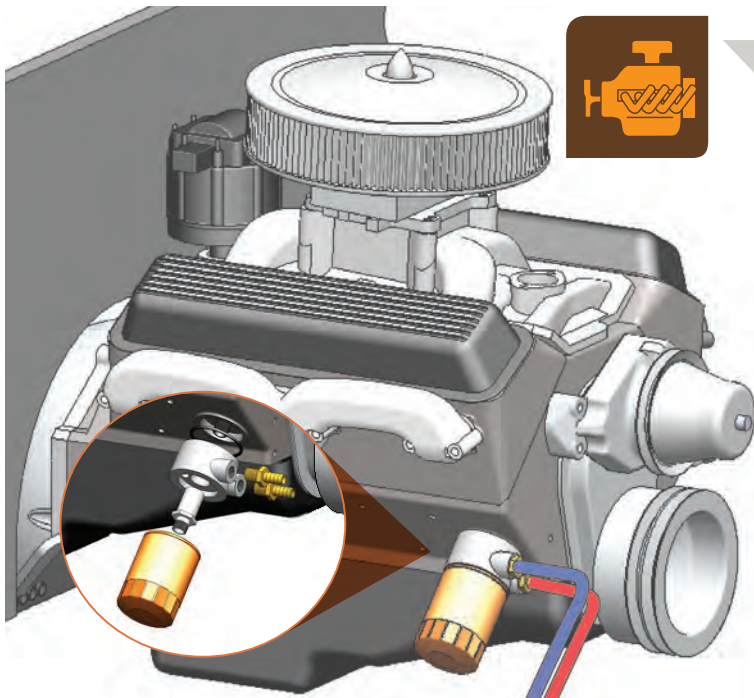


## DUAL - SIDE PORTS

Kit Part No.	Mount Part No.	Filter Threads	Filter Landing	Inlet/Outlet Ports	Replacement Nipple
15707	25707	3/4"-16	2 1/2", 2 3/4"	1/2" NPT	98020



# ENGINE SANDWICH ADAPTERS



## ETS Engine Thread Size

### APPLICATION GUIDE

3/4"-16

3/4"-16 Filter Thread Size  
DODGE / CHRYSLER 1968-2003, FORD 1965-2007, JEEP 1965-2014, MAZDA 1991-2014, TOYOTA 1975-2014, VW 1978-2007

13/16"-16

13/16"-16 Filter Thread Size  
GM 1963-2012 - SB & BB V8

18 x 1.5mm

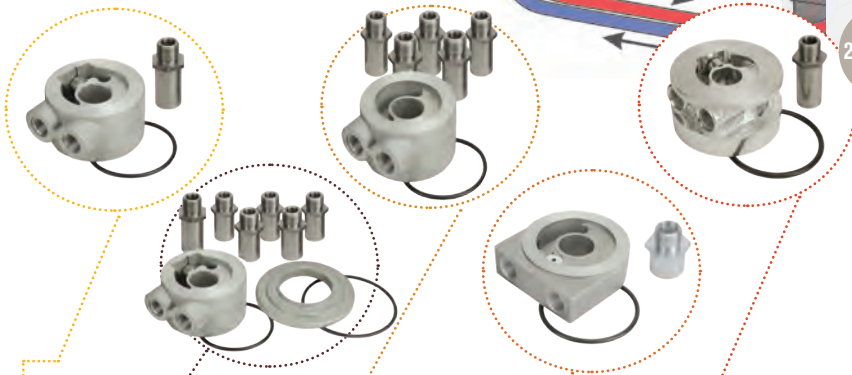
18 x 1.5mm Filter Thread Size  
GM 1982-2007

20 x 1.5mm

20 x 1.5mm Filter Thread Size  
DODGE / CHRYSLER 1971-1990, FORD 1984-1996, GM 1972-1985, HONDA / ACURA 1979-2014, ISUZU 1981-2004, JEEP 1987-1990 MAZDA 1978-2006, MITSUBISHI 1985-2014, NISSAN 1991-2014, SUBARU 1987-2014

22 x 1.5mm

22 X 1.5mm Filter Thread Size  
DODGE / CHRYSLER 2004-2014, FORD 1979-2014, GM 2007-2014



Complete Kit Part No.	Kit Part No.	O-Ring Dia.	Thickness	Ports	Engine Thread Size
15702	25702	2 3/4"	1 3/4"	3/8" NPT	Thermostatic Universal (all listed engine threads)
15782	25782	2 3/4", 3 1/2"	1 3/4", 2 1/8"	3/8" NPT	Thermostatic w/ adapter ring Universal (all listed engine threads)
15730	25730	2 3/4"	1 3/4"	3/8" NPT	Thermostatic 3/4"-16
15731	25731	2 3/4", 3 1/2"	1 3/4", 2 1/8"	3/8" NPT	Thermostatic 13/16"-16
15732	25732	2 3/4"	1 3/4"	3/8" NPT	Thermostatic 20 x 1.5mm
15733	25733	2 3/4"	1 3/4"	3/8" NPT	Thermostatic 18 x 1.5mm
15734	25734	2 3/4"	1 3/4"	3/8" NPT	Thermostatic 22 x 1.5mm
15720	25720	3 1/2"	2 1/4"	1/2" NPT	Thermostatic GM Applications 13/16"-16
15735	////	2 1/2", 2 3/4"	1 3/4"	1/2" NPT	Non-Thermostatic Universal (all listed engine threads)
////	25770	2 1/2", 2 3/4"	1"	3/8" NPT	Low-Profile with Bypass 3/4"-16
////	25771	2 1/2", 2 3/4"	1"	3/8" NPT	Low-Profile with Bypass 13/16"-16
////	25772	2 1/2", 2 3/4"	1"	3/8" NPT	Low-Profile with Bypass 20 x 1.5mm
////	25773	2 1/2", 2 3/4"	1"	3/8" NPT	Low-Profile with Bypass 18 x 1.5mm
////	25774	2 1/2", 2 3/4"	1"	3/8" NPT	Low-Profile with Bypass 22 x 1.5mm
////	25783	2 1/2", 2 3/4"	1"	3/8" NPT	Low-Profile with Bypass Universal (all listed engine threads)

# ENGINE SPIN-ON ADAPTERS

## ETS Engine Thread Size

### APPLICATION GUIDE

3/4"-16

3/4"-16 Filter Thread Size  
DODGE / CHRYSLER 1968-2003, FORD 1965-2007, JEEP 1965-2014, MAZDA 1991-2014, TOYOTA 1975-2014, VW 1978-2007

13/16"-16

13/16"-16 Filter Thread Size  
GM 1963-2012 - SB & BB V8

18 x 1.5mm

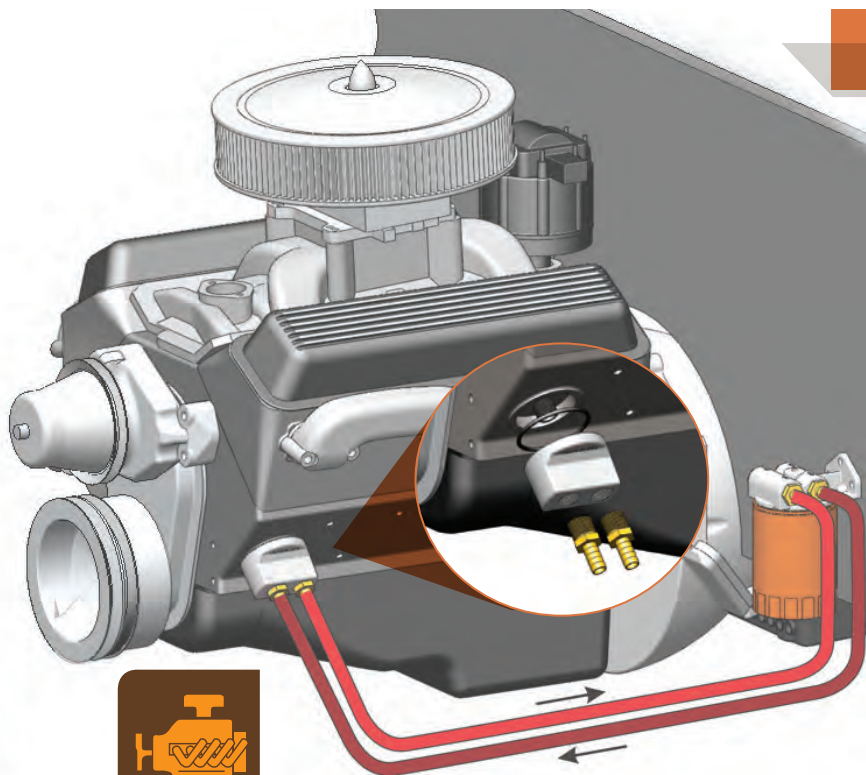
18 x 1.5mm Filter Thread Size  
GM 1982-2007

20 x 1.5mm

20 x 1.5mm Filter Thread Size  
DODGE / CHRYSLER 1971-1990, FORD 1984-1996, GM 1972-1985, HONDA / ACURA 1979-2014, ISUZU 1981-2004, JEEP 1987-1990 MAZDA 1978-2006, MITSUBISHI 1985-2014, NISSAN 1991-2014, SUBARU 1987-2014

22 x 1.5mm

22 X 1.5mm Filter Thread Size  
DODGE / CHRYSLER 2004-2014, FORD 1979-2014, GM 2007-2014



Ports Up Standard Part No.	Ports	Ports Up Premium Part No.	Ports	Side Ports Part No.	Ports	O-Ring Dia.	Engine Thread Size
15747	1/2" NPT	35747	-10 AN/7/8"-14	////	////	2 1/2", 2 3/4", 3 1/2"	Universal (all listed engine threads)
15703	1/2" NPT	35703	-10 AN/7/8"-14	15746	1/2" NPT	2 1/2", 2 3/4"	3/4"-16
15704	1/2" NPT	35704	-10 AN/7/8"-14	////	////	2 1/2", 2 3/4"	18 X 1.5mm
15705	1/2" NPT	35705	-10 AN/7/8"-14	////	////	2 1/2", 2 3/4", 3 1/2"	13/16"-16
15706	1/2" NPT	35706	-10 AN/7/8"-14	////	////	2 1/2", 2 3/4"	20 x 1.5mm
15724	1/2" NPT	35724	-10 AN/7/8"-14	////	////	2 1/2", 2 3/4"	22 x 1.5mm

### GM V8 - CANISTER TO SPIN-ON OIL FILTER ADAPTER

- Fits all 1956-1967 SB & BB V8's (except Chevy II) with canister style oil filter
- Requires factory GM oil bypass
- Converts factory canister style oil filter to a spin-on type oil filter



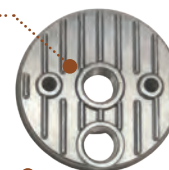
Uses Fram PH5, PH30 or equivalent



Kit Part No.	Inlet/Outlet Ports	Filter Landing
15761	13/16" - 16	3 1/2"
98003	Rep. O-ring and gasket	

### GM V8 - BOLT-ON ENGINE OIL FILTER ADAPTER

- Fits all 1956-1967 SB & BB V8's with canister style oil filter
- Finned aluminum design with 1/2" NPT ports
- Complete hardware kit
- Allows factory oil filter to be moved to a remote location



Kit Part No.	Inlet/Outlet Ports
15760	1/2" NPT
98004	Rep. O-ring and gasket



## FASTER & EASIER Oil changes

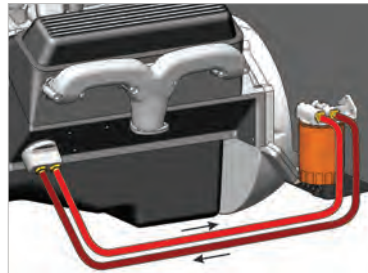
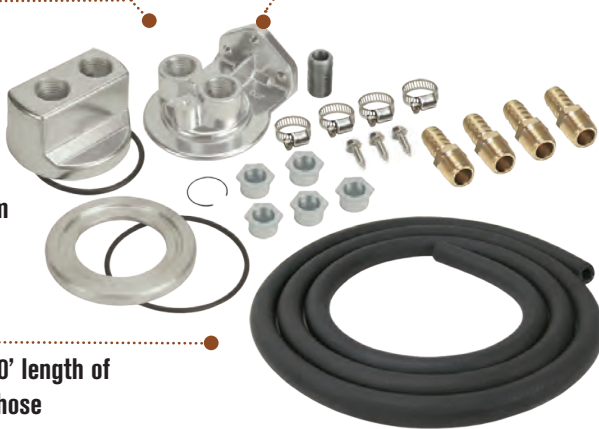


Allows oil filter to be moved to a more convenient location

Complete hardware kit included

Cast from high quality aluminum

All kits include 10' length of 1/2" OEM-Spec hose



### ETS Engine Thread Size

#### APPLICATION GUIDE

3/4"-16

3/4"-16 Filter Thread Size  
DODGE / CHRYSLER 1968-2003, FORD 1965-2007, JEEP 1965-2014, MAZDA 1991-2014, TOYOTA 1975-2014, VW 1978-2007

13/16"-16

13/16"-16 Filter Thread Size  
GM 1963-2012 - SB & BB V8

18 x 1.5mm

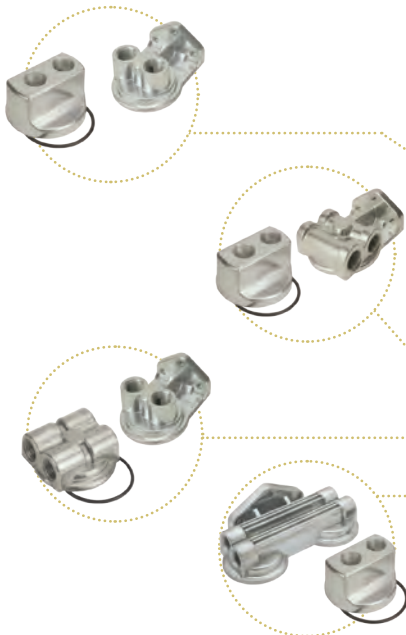
18 x 1.5mm Filter Thread Size  
GM 1982-2007

20 x 1.5mm

20 x 1.5mm Filter Thread Size  
DODGE / CHRYSLER 1971-1990, FORD 1984-1996, GM 1972-1985, HONDA / ACURA 1979-2014, ISUZU 1981-2004, JEEP 1987-1990 MAZDA 1978-2006, MITSUBISHI 1985-2014, NISSAN 1991-2014, SUBARU 1987-2014

22 x 1.5mm

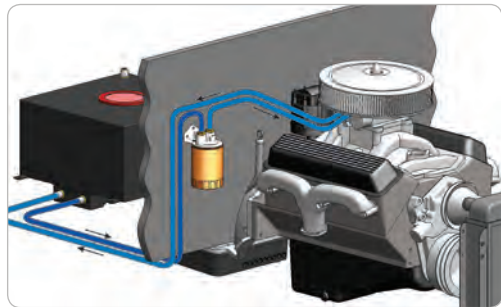
22 X 1.5mm Filter Thread Size  
DODGE / CHRYSLER 2004-2014, FORD 1979-2014, GM 2007-2014



Description	Kit Part No.	Filter Threads	Filter Landing	Inlet/Outlet Ports	Engine Thread Size
● Spin-On - Ports Up Filter Mount - Ports Up	15715	3/4"-16	2 1/2", 2 3/4"	1/2" NPT	3/4"-16
	15716	3/4"-16	2 1/2", 2 3/4"	1/2" NPT	13/16"-16
	15717	3/4"-16	2 1/2", 2 3/4"	1/2" NPT	18 x 1.5mm
	15718	3/4"-16	2 1/2", 2 3/4"	1/2" NPT	20 x 1.5mm
	15725	3/4"-16	2 1/2", 2 3/4"	1/2" NPT	22 x 1.5mm
	15748	3/4"-16	2 1/2", 2 3/4"	1/2" NPT	Universal (all listed engine threads)
● Spin-On - Ports L/R Filter Mount - Ports Up	15781	3/4"-16	2 1/2", 2 3/4"	1/2" NPT	3/4"-16
● Spin-On - Ports Up Filter Mount - Ports L/R	15780	3/4"-16	2 1/2", 2 3/4"	1/2" NPT	Universal (all listed engine threads)
● Dual Filter Mount - Ports L/R Spin-On - Ports Up	15749	3/4"-16	2 1/2", 2 3/4"	1/2" NPT	Universal (all listed engine threads)



# FILTRATION KITS



Single Mount L/R Ports - Part No.	Single Mount Ports Up - Part No.	Filter Landing	Inlet/Outlet Ports	Replacement Filter
13070	13072	2 1/2", 2 3/4"	1/2" NPT	13075

## FUEL FILTER / WATER SEPARATOR



● Extend carburetor/fuel injector life

● Improves engine performance

● Designed for all fuel types



(13072 Shown)

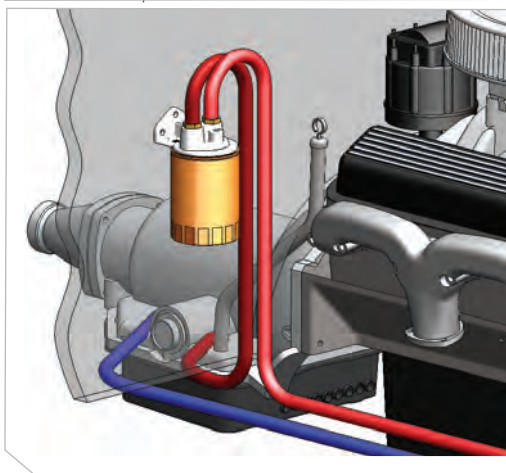
### Filter Specs:

12 Micron  
1" - 14 Thread size  
Filter Size: 3 1/2" OD x 7 5/8" tall  
Filter Seal  
ID: 2.45" OD: 2.80"  
100 P.S.I. Element burst pressure  
300 P.S.I. Hydrostatic burst pressure

● Petcock allows for convenient draining of water ●

### Filter Specs:

Thread Size: 3/4"-16  
Filter Size: 3 1/2" OD x 3 1/8" Tall  
Compact shell design reduces weight  
Increased gasket height for improved seating & filter sealing  
7% more efficient than older, larger unit  
High Strength nylon core increased collapse pressure from 75 p.s.i.d. to 115 p.s.i.d.  
Burst pressure increases from 235 p.s.i. to 350 p.s.i.  
Patented pressure relief and anti-drain back valve delivers oil in cold start and clogged environments  
Exceeds OE Requirements



● Extend transmission life

● Increases fluid capacity for added cooling ●



● Universal - Fits all automatic transmissions

● Filters out contaminants more efficiently than OE screen-type filters ●



Standard Kit Part No.	Premium Kit Part No.	Filter Landing	Inlet/Outlet Ports	Replacement
13090	13091	2 1/2", 2 3/4", 3 1/2"	3/8" NPT	13092

# FLUID COOLERS



*REDUCE FLUID TEMPERATURES, ENHANCE*  
**PERFORMANCE**



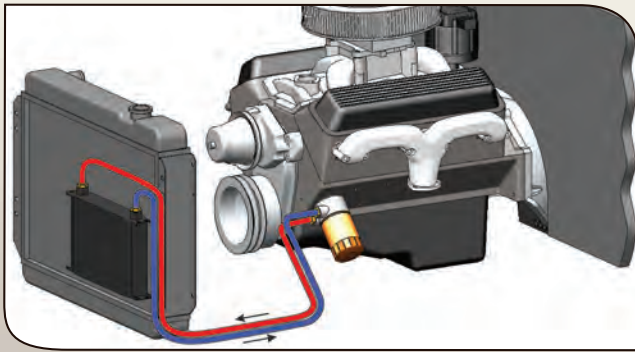
# HEAT... THE NUMBER ONE CAUSE OF COMPONENT FAILURE!



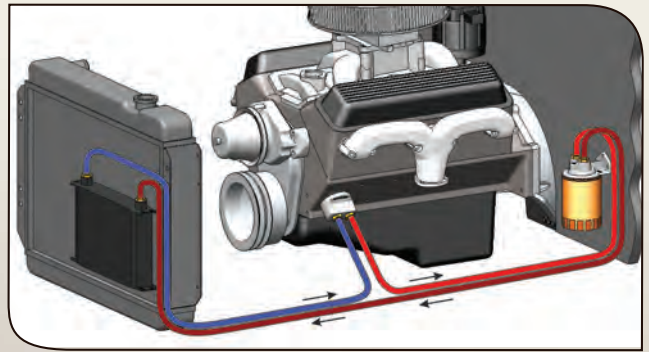
## Engine Oil Coolers

An engine's coolant system cools the top end of an engine; the lower end depends on the oil for both lubrication and cooling. Coolers are an excellent, cost-effective method of extending engine life, maintaining oil viscosity and helping maintain factory tolerances of mating surfaces. Engine oil coolers can reduce the heat-exchanging requirements of a radiator, fan and coolant system by lowering coolant temperatures.

Typical engine Sandwich adapter oil cooler installation

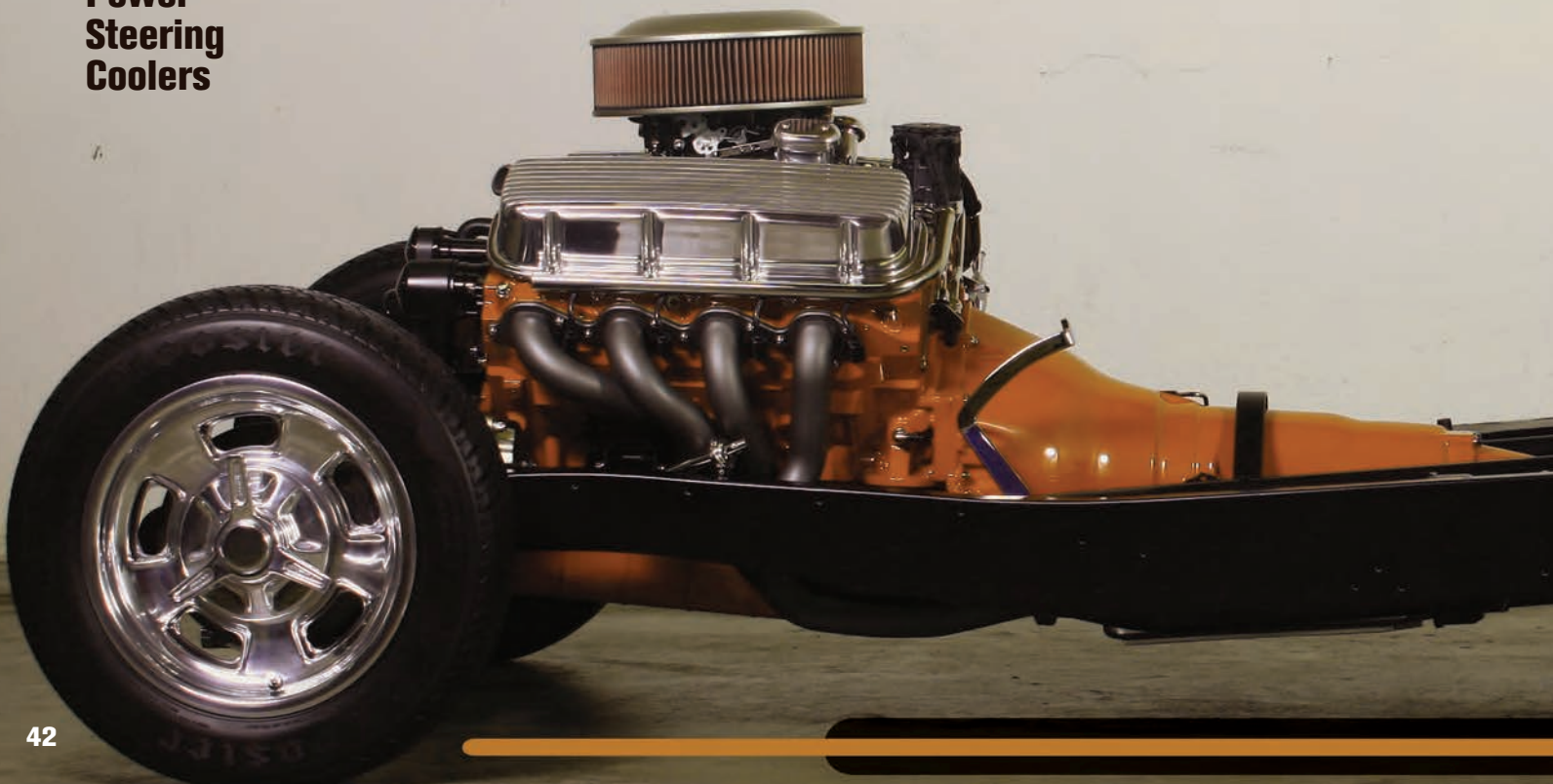


Typical Spin-On adapter and remote filter mount oil cooler installation



## Power Steering Coolers

Power Steering Pumps are just one of the key components overlooked when it comes to "keeping it cool". Optimal operating temperature on a power steering pump is 180°F, as temperatures exceed 250°F, internal components are susceptible to failure. In extreme conditions such as road racing, it can mean the difference between winning or losing.

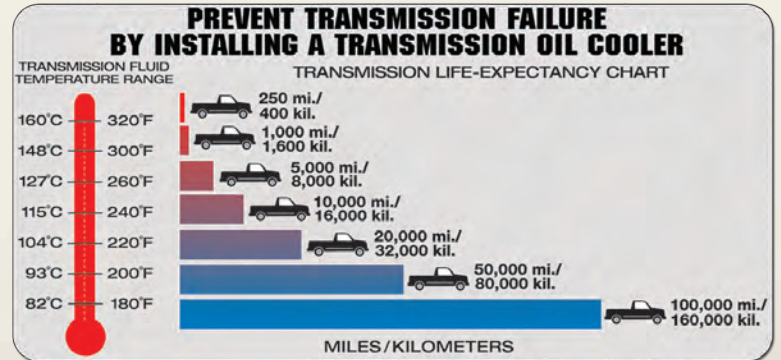
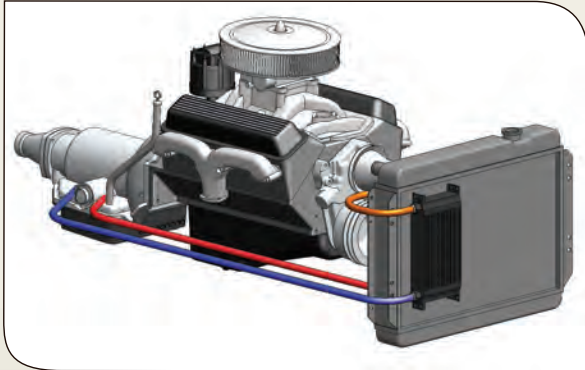




## Transmission Oil Coolers

The main factor for transmission failure is heat. Operating temps average 180° to 200°, although transmission temperatures can quickly exceed 250°. At these temperatures, seals begin to harden, clutches begin to burn, and the fluid itself breaks down. A transmission cooler can be installed as a stand-alone unit or in conjunction with a factory cooling system.

### Typical transmission cooler installation



## REDUCE TEMPERATURES, INCREASE EFFICIENCY



## Fuel Coolers

With today's advanced fuel systems, most enthusiasts don't realize the benefits of a fuel cooler. With under hood temps, road temperatures, exhaust and fuel line routing, heat can definitely become a factor. Although there are some economies, the most important reason for installing a fuel cooler, is to eliminate pump cavitation and vapor lock. Fuel temps should not exceed 140°F.




## Differential Coolers

Do Rear differentials need Coolers? Believe it or not, rear differential temps can climb into the 200's fairly easily and even higher under extreme conditions. Operating temperature should not exceed 230°F.



# HYPER-COOL EXTREME

Inlets	Cooler Part No.
-6 AN	13870
-8 AN	15870
-10 AN	15875
-12 AN	15876

Water/Dust Proof 

Powerful 10" electric fan  
IP68 Certified, replacement fan #16110

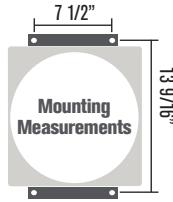
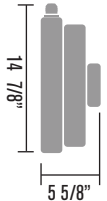
800CFM  
12V | 9.2 AMP

Clear anodized aluminum shroud

6061 Aluminum AN fittings  
anodized finish  
aluminum hose barb adapter  
fittings included

Efficient 40 row stacked plate cooler  
sturdy furnace-brazed aluminum construction  
Replacement cooler #54078

26 oz FLUID CAPACITY



# HYPER-COOL



500CFM  
12V | 4.8 AMP

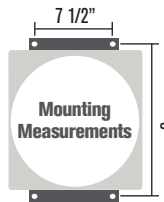
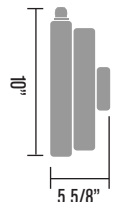
Powerful 8" electric fan  
Replacement fan #16618

16 oz FLUID CAPACITY

Efficient 25 row stacked plate cooler  
sturdy furnace-brazed aluminum construction  
Replacement cooler #52578

Clear anodized aluminum shroud

6061 Aluminum AN Fittings  
anodized finish  
aluminum hose barb adapter  
fittings included



Inlets	Cooler Part No.	Transmission Cooler Kit	Engine Oil Cooler Kit - Sandwich
-6 AN	13760	13960	//////
-8 AN	15860	15960	15660
-10 AN	15865	//////	//////

# HYPER-COOL DUAL

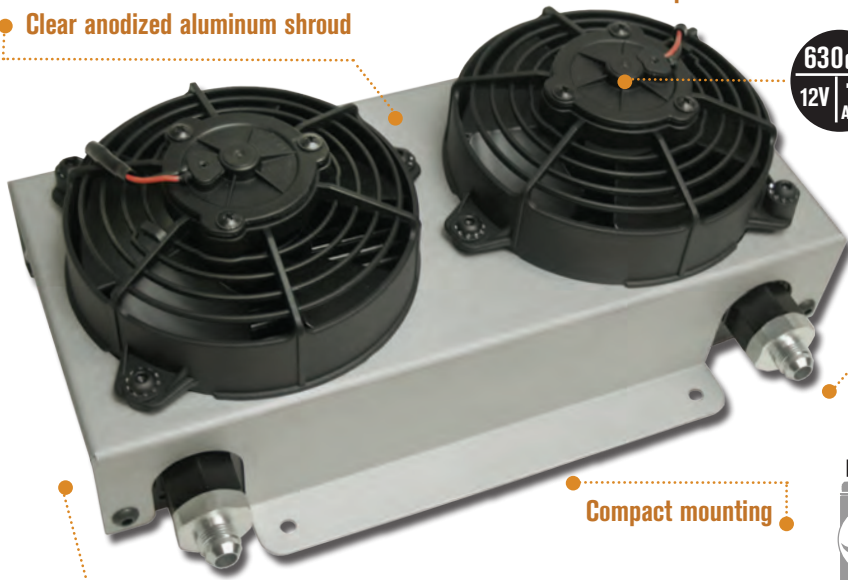
Water/Dust Proof 

Twin 5" electric fans, IP68 Certified  
Replacement fan #16105

630 CFM  
12V 7.2 AMP

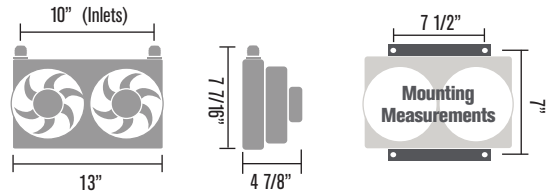
Inlets	Cooler Part No.
-6 AN	13740
-8 AN	15840
-10 AN	15845

Clear anodized aluminum shroud



6061 Aluminum AN fittings  
anodized finish aluminum hose barb  
adapter fittings included

Compact mounting



12 oz FLUID CAPACITY

Efficient 19 row stacked plate cooler  
sturdy furnace-brazed aluminum construction  
Replacement cooler #51978

# ATOMIC-COOL

Reversible 

Powerful 8" electric fan  
Replacement fan #16118

500 CFM  
12V 4.8 AMP

Clear anodized aluminum shroud

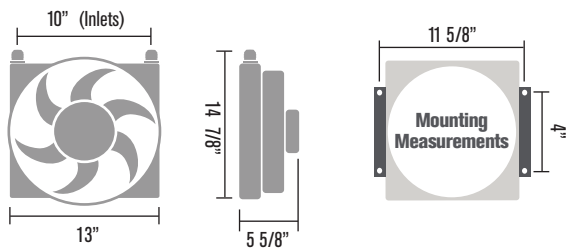


6061 Aluminum AN Fittings  
anodized finish  
aluminum hose barb adapter  
fittings included

Inlets	Cooler Part No.	Transmission Cooler Kit	Engine Oil Cooler Kit - Sandwich
-6 AN	13750	13950	15450
-8 AN	15850	15950	15450

17 oz CAPACITY

Efficient 16 Row Plate & Fin Cooler  
Sturdy Furnace-brazed Aluminum construction  
Rep. Cooler #13751 (-6AN) #15851 (-8AN)



# ELECTRA-COOL

Powerful 10" electric fan,  
Replacement fan #16220



Reversible

650CFM  
12V | 5.3 AMP

Clear anodized  
aluminum bracket

Brass AN fittings  
Aluminum hose barb adapter  
Fittings included



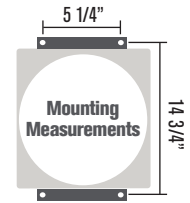
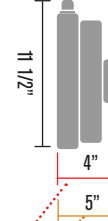
Efficient 16 or 8 pass  
Copper/Aluminum  
Tube & Fin Cooler

Inlets	Cooler Part No.	No. of Passes	Rep. Core	Transmission Cooler Kit	Engine Oil Cooler Kit - Sandwich
-6 AN	13700	16	13300	13900	//////////
-8 AN	15800	16	15300	15900	15500
-6 AN	13720	8	13300	//////////	//////////
-8 AN	15820	8	15320	//////////	//////////

19 oz

FLUID CAPACITY

9 oz



# ELECTRA-COOL DUAL CIRCUIT

2-in-1 Cooler Design

Efficient 4 & 4 Pass or 8 & 8 Pass  
Copper/Aluminum Tube & Fin Cooler Core  
Rep. Cooler #15301 (8 & 8 pass) #13321 (4 & 4 pass)

Clear anodized  
aluminum bracket

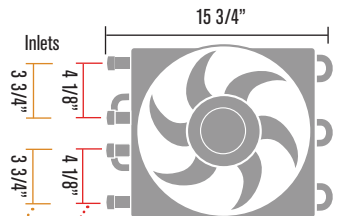
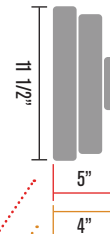
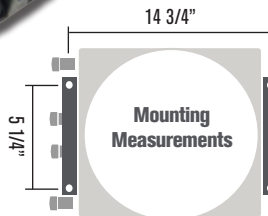
Powerful 10" electric fan,  
Replacement fan #16220



Reversible

650CFM  
12V | 5.3 AMP

Brass 8 AN Fittings  
Aluminum AN Hose Barb Adapter  
Fittings included



Inlets	Cooler Part No.	No. of Passes
	15200	8 & 8
	15220	4 & 4

9 oz

FLUID CAPACITY  
(Per Circuit)

4.5 oz

FLUID CAPACITY  
(Per Circuit)



# ECONO-COOL

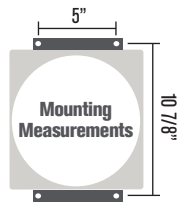
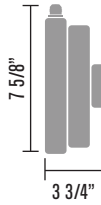
## Inlets

Cooler Part No.

11/32" Barb 13730  
1/2" Barb 15830

Efficient 6 Pass Copper/Aluminum Tube & Fin Cooler  
Replacement cooler #13731 (11/32 barb) & #15831 (1/2 barb)

4 oz FLUID CAPACITY



11/32" or 1/2" Barb inlets



Clear anodized aluminum bracket

Reversible



7" Electric fan, Replacement fan #16617

400 CFM  
12V 4.8 AMP

# ECONO-COOL DUAL CIRCUIT

## 2-in-1 Cooler Design

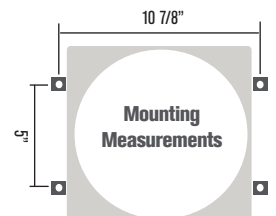
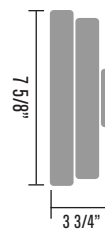
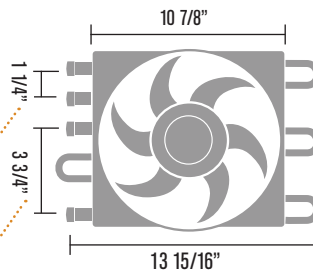
Brass 8 AN Fittings  
Aluminum AN hose barb adapter fittings included



Efficient 4 Pass & 2 Pass Copper/Aluminum Tube & Fin Cooler  
Rep. cooler #15331

FLUID CAPACITY

2 pass 2.25 oz  
4 pass 4 oz



Reversible



Powerful 7" electric fan, Replacement Fan #16617

400 CFM  
12V 4.8 AMP

Clear anodized aluminum bracket

Inlets

Cooler Part No.

-8 AN 15230

Low-Profile powerful electric fan,  
Replacement fan #16909

475 CFM  
12V | 5.5 AMP



Reversible

Black powdercoated steel bracket

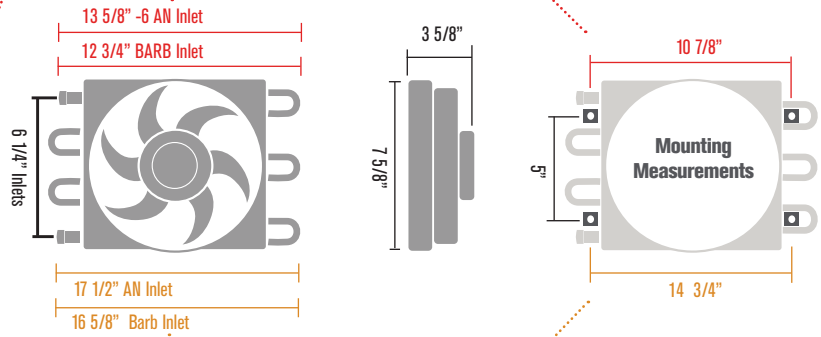
Available in  
11/32" Barb or -6 AN Inlets

Efficient 6 Pass or 8 Pass  
Copper/Aluminum Tube & Fin Cooler

Inlets	Cooler Part No.	No. of Passes	Rep. Core
--------	-----------------	---------------	-----------

-6 AN	12730	6 Short	13311	4 oz
11/32" Barb	12740	6 Short	13101	4 oz
-6 AN	12731	6 Long	13313	4.5 oz
11/32" Barb	12741	6 Long	13103	4.5 oz

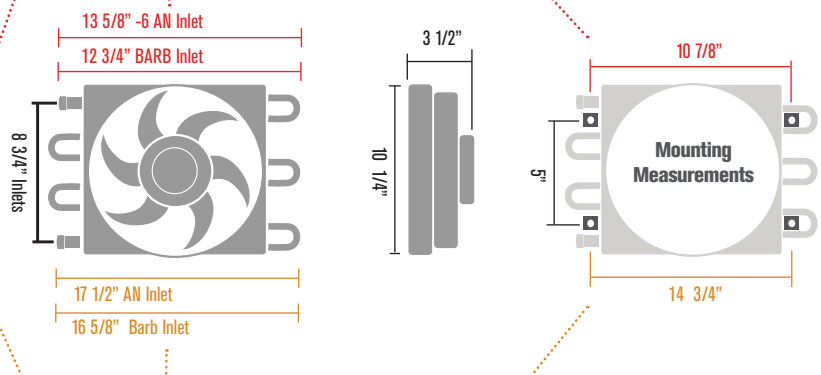
FLUID CAPACITY



Inlets	Cooler Part No.	No. of Passes	Rep. Core
--------	-----------------	---------------	-----------

-6 AN	12732	8 Short	13317	10 oz
11/32" Barb	12742	8 Short	13107	10 oz
-6 AN	12733	8 Long	13314	5 oz
11/32" Barb	12743	8 Long	13104	5 oz

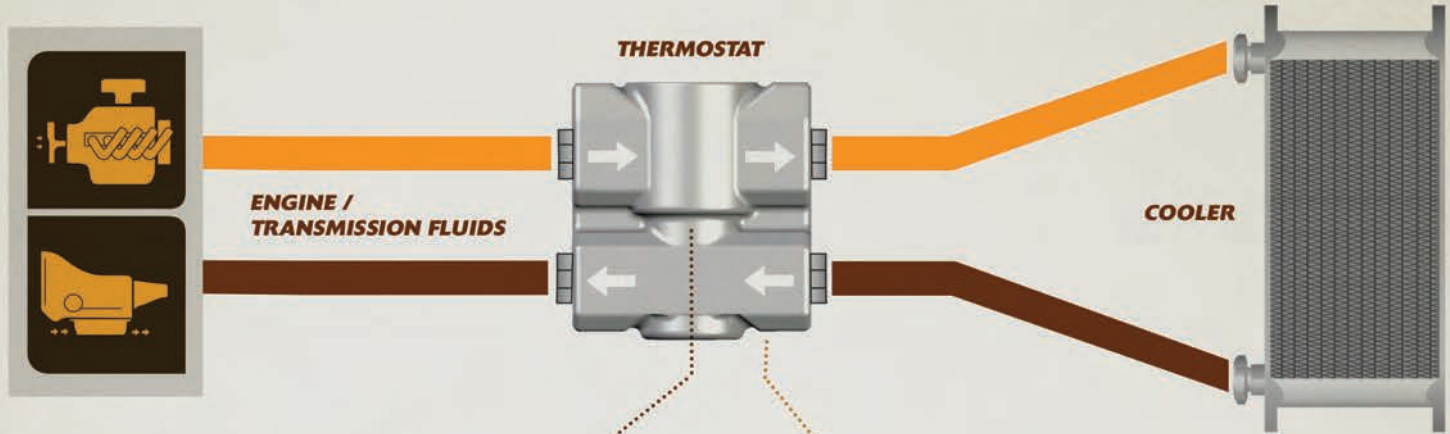
FLUID CAPACITY





# FLUID CONTROL THERMOSTATS

**ULTIMATE CONTROL OF ENGINE AND TRANSMISSION FLUID TEMPERATURES**

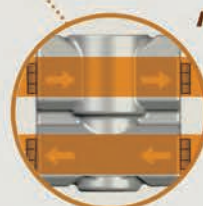


## CONTROLLED CLOSED CIRCUIT

Below 180°F the valve opens, with 90% of the oil bypassing the cooler. The remaining 10% of the oil flows through the cooler, maintaining constant system pressure, preventing air pockets and eliminating cold oil shock.



**20**  
GALLONS  
PER MINUTE

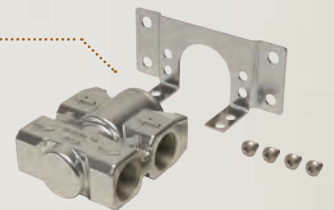


## MAXIMUM FLOW

When temperatures exceed 180°F the thermostatic valve closes, allowing 100% flow through the oil cooler. This allows for ultimate control of oil temperatures under normal to extreme conditions.



Inlets	Thermostat Only	Thermostat w/ fittings	Thermostat w/ bracket kit	Installation Kit Only
3/8" NPT	25011	13011	25791	13026
1/2" NPT	25719	15719	25792	15726



# IN-LINE FLUID THERMOSTATS



**15** amps  
capacity

180°F turn-on temperature

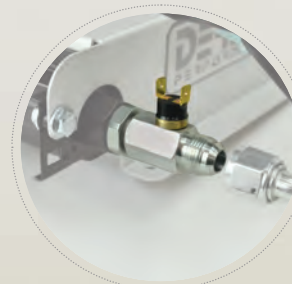
Turn-off temperature is preset 15° below turn-on temperature

Anodized aluminum swivel housing allows T-stat to be clocked

## Premium Series

Available in -6 AN, -8 AN or -10 AN aluminum housing

Part No.	Inlet
35020	-6 AN x -6 AN
35021	-8 AN x -8 AN
35022	-10 AN x -10 AN



180°F turn-on temperature

Turn-off temperature is preset 15° below turn-on temperature

## Standard Series

Available in -6 AN or -8 AN aluminum housing

Part No.	Inlet
13021*	-6 AN x -6 AN
15721*	-8 AN x -8 AN

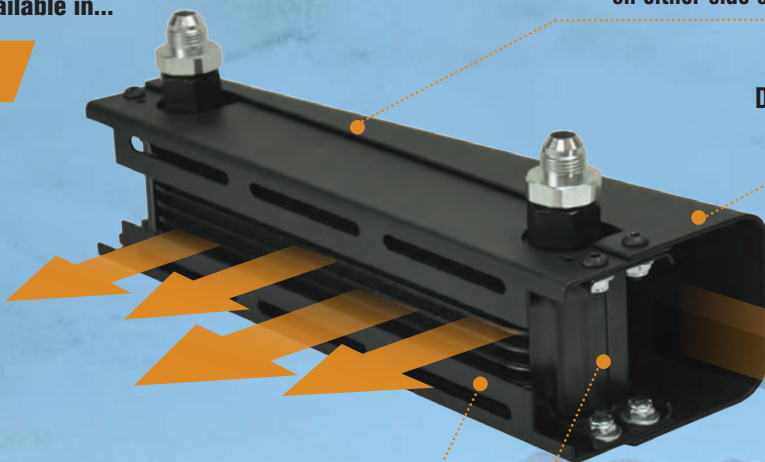
\*Aluminum AN Hose Barb Adapter fittings included

Aluminum Cooler Fittings (not included) available in...

Inlets	Part No.
-6 AN	59006
-8 AN	59008
-10 AN	59010
-12 AN	59012

Scoop shroud can be mounted on either side of cooler

Designed to capture & redirect airflow for maximum cooling efficiency



## SCOOP COOLERS

Inlets	No. of Rows	Part No.
-10 AN 7/8"-14 O-Ring	10	50100
Brackets Only	//////////	50021

Aluminum mounting system mounts to chassis rails for clean discrete look

Efficient 10 row stacked plate cooler

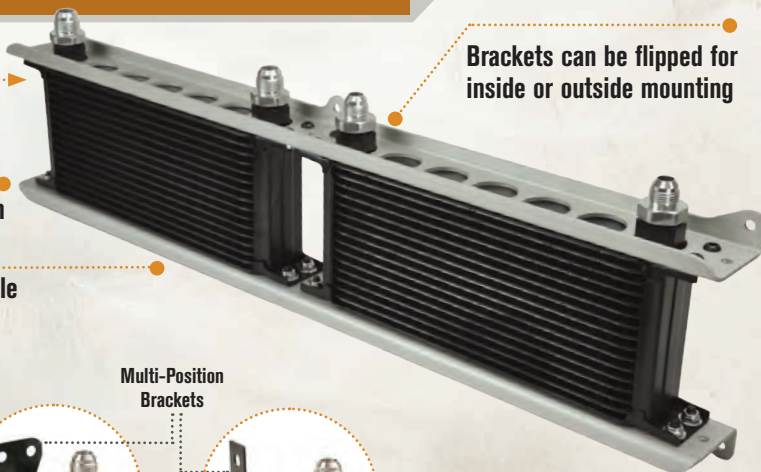


## STACKED PLATE COOLER MOUNTING BRACKETS



SINGLE

DUAL



Brackets can be flipped for inside or outside mounting

Heavy duty aluminum construction  
Clear anodized finish

Symmetrical design makes multiple mounting configurations possible

4 WAY

Black Powdercoated Steel Brackets

Multi-Position Brackets



Part No.

50023

Part No.

50020

Part No.

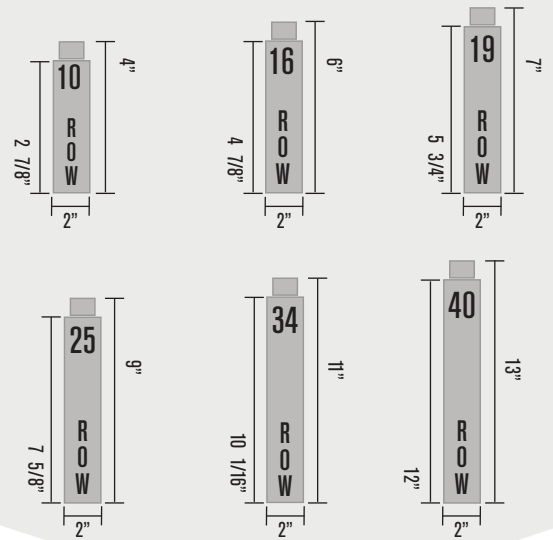
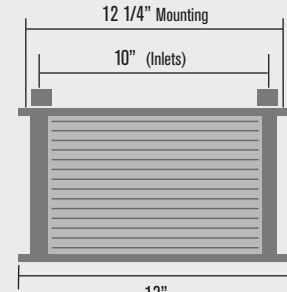
50022

# STACKED PLATE COOLERS

## Series 10000



Inlets	No. of Rows	Fluid Capacity	Cooler Part No.	Transmission Cooler Kit	Engine Oil Cooler Kit - Sandwich	Engine Oil Cooler Kit - Spin-On
7/8"-14 Female	10	6 oz	51078	//////	//////	//////
-6 AN	10	6 oz	51006	13401	//////	//////
-8 AN	10	6 oz	51008	//////	15605	15651
-10 AN	10	6 oz	51010	//////	//////	//////
7/8"-14 Female	16	10 oz	51678	//////	//////	//////
-6 AN	16	10 oz	51606	13402	//////	//////
-8 AN	16	10 oz	51608	//////	//////	//////
-10AN	16	10 oz	51610	//////	//////	//////
7/8"-14 Female	19	12 oz	51978	//////	//////	//////
-6 AN	19	12 oz	51906	13403	//////	//////
-8 AN	19	12 oz	51908	//////	//////	//////
-10 AN	19	12 oz	51910	//////	//////	//////
7/8"-14 Female	25	16 oz	52578	//////	//////	//////
-6 AN	25	16 oz	52506	//////	//////	//////
-8 AN	25	16 oz	52508	//////	//////	//////
-10 AN	25	16 oz	52510	//////	//////	//////
7/8"-14 Female	34	20 oz	53478	//////	//////	//////
-6 AN	34	20 oz	53406	//////	//////	//////
-8 AN	34	20 oz	53408	//////	//////	//////
-10 AN	34	20 oz	53410	//////	//////	//////
7/8"-14 Female	40	26 oz	54078	//////	//////	//////
-6 AN	40	26 oz	54006	//////	//////	//////
-8 AN	40	26 oz	54008	//////	//////	//////
-10 AN	40	26 oz	54010	//////	//////	//////



Available in -6 AN, -8 AN & -10 AN



-10 AN / 7/8"-14 O-ring cooler inlets

4 Integrated mounting points

250

MAX. PRESSURE

Sturdy furnace-brazed aluminum construction

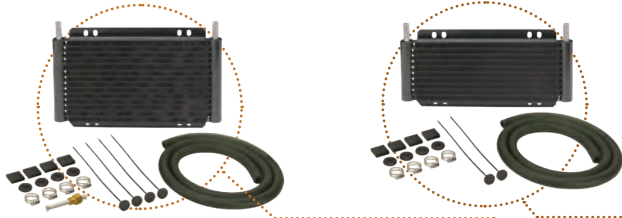


Built-in high-flow turbulators

Black Powdercoated Finish

# PLATE & FIN COOLERS

## Series 8000



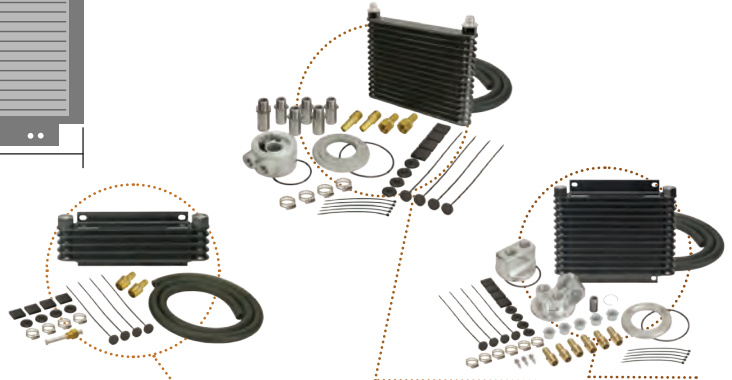
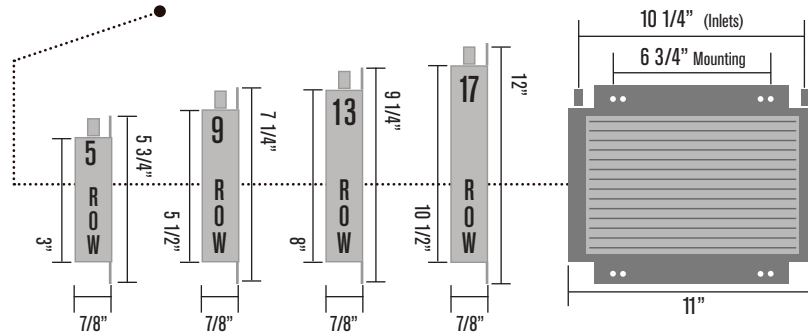
- 1 1/32" Hose barb inlets
- Prevent heat related component failure



**250** MAX. PRESSURE  
Sturdy furnace-brazed aluminum construction

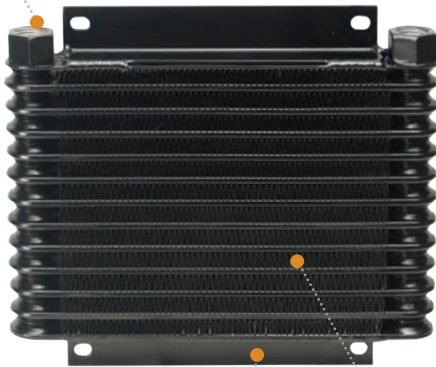
Integrated, high-flow turbulators for maximum cooling efficiency

Inlets	No. of Rows	Fluid Capacity	Cooler Part No.	Transmission Cooler Kit	Power Steering Cooler Kit
1 1/32" Barb	11	2.5 oz	33501	13501	13215
1 1/32" Barb	15	4 oz	33502	13502	////
1 1/32" Barb	21	5.5 oz	33503	13503	////
1 1/32" Barb	26	8 oz	33504	13504	////



## Series 9000

1/2" NPT Female cooler outlets

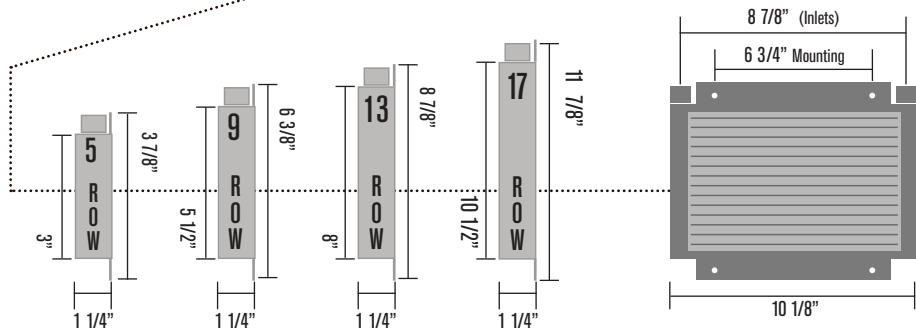


Integrated, high-flow turbulators

**250** MAX. PRESSURE

Sturdy furnace-brazed aluminum construction

Inlets	No. of Rows	Fluid Capacity	Cooler Part No.	Transmission Cooler Kit	Engine Oil Cooler Kit - Sandwich	Engine Oil Cooler Kit - Spin-On
1/2" FPT	5	3 oz	33601	////	////	////
1/2" FPT	9	6 oz	33602	////	////	////
1/2" FPT	13	10 oz	33603	////	////	////
1/2" FPT	17	12 oz	33604	////	////	////
3/8" Barb	5	3 oz	////	13611	////	////
3/8" Barb	9	6 oz	////	13612	////	////
3/8" Barb	13	10 oz	////	13613	////	////
3/8" Barb	17	12 oz	////	13614	////	////
1/2" Barb	13	10 oz	////	////	15405	15451



# TUBE & FIN COOLERS

## Series 7000

Embossed turbulators in each tube agitate fluid for maximum heat transfer

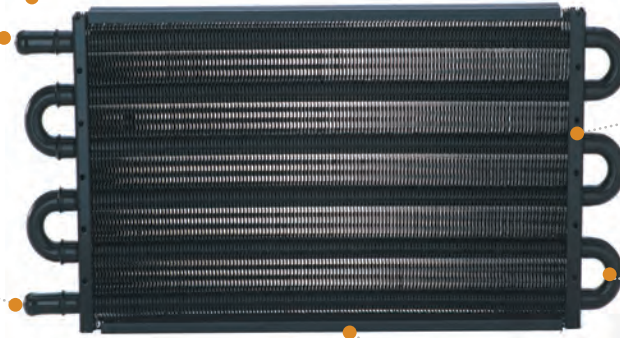
Prevent heat-related component failure

Black Powdercoated Finish

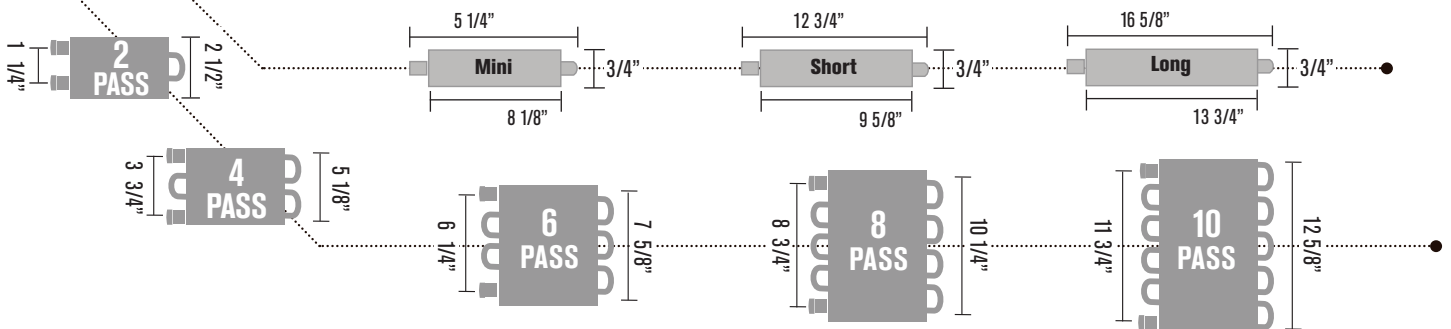
1/2" Copper tubing expanded into formed aluminum fins

Extruded plastic fin guards

Available in 11/32" Barb, 1/2" Barb or -6 AN Inlets



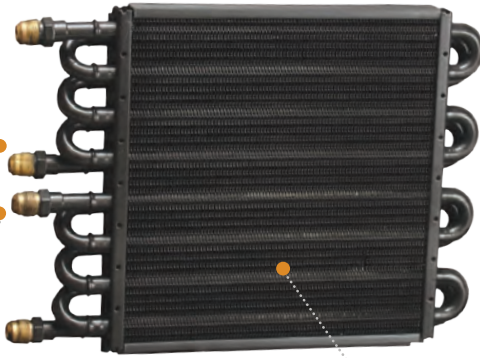
No. of Passes	Cooler Size	Fluid Capacity	Inlets	Cooler Part No.	Transmission Cooler Kit	Inlets	Transmission Cooler Kit	Power Steering Cooler Kit	Inlets	Cooler Part No.	Engine Oil Cooler Kit - Sandwich	Engine Oil Cooler Kit - Spin-On
2	Mini	1 oz	11/32" Barb	//////	//////	11/32" Barb	//////	13213	//////	//////	//////	//////
2	Short	2.25 oz	11/32" Barb	//////	//////	11/32" Barb	//////	13200	//////	//////	//////	//////
4	Mini	2.5 oz	-6AN	13309	//////	11/32" Barb	//////	13212	//////	//////	//////	//////
4	Short	4 oz	-6AN	13311	//////	11/32" Barb	13101	//////	//////	//////	//////	//////
4	Long	4.25 oz	-6AN	13312	//////	11/32" Barb	13102	//////	//////	//////	//////	//////
6	Short	6 oz	-6AN	13316	13306	11/32" Barb	13106	//////	//////	//////	//////	//////
6	Long	7 oz	-6AN	13313	13303	11/32" Barb	13103	//////	1/2" Barb	15302	15505	15551
8	Short	6.25 oz	-6AN	13317	//////	11/32" Barb	13107	//////	//////	//////	//////	//////
8	Long	11.5oz	-6AN	13314	13304	11/32" Barb	13104	//////	//////	//////	//////	//////
10	Short	8 oz	-6AN	13318	//////	11/32" Barb	13108	//////	//////	//////	//////	//////
10	Long	13.5 oz	-6AN	13315	//////	11/32" Barb	13105	//////	//////	//////	//////	//////



# TUBE & FIN COOLERS

## Dual-Circuit Fluid Coolers

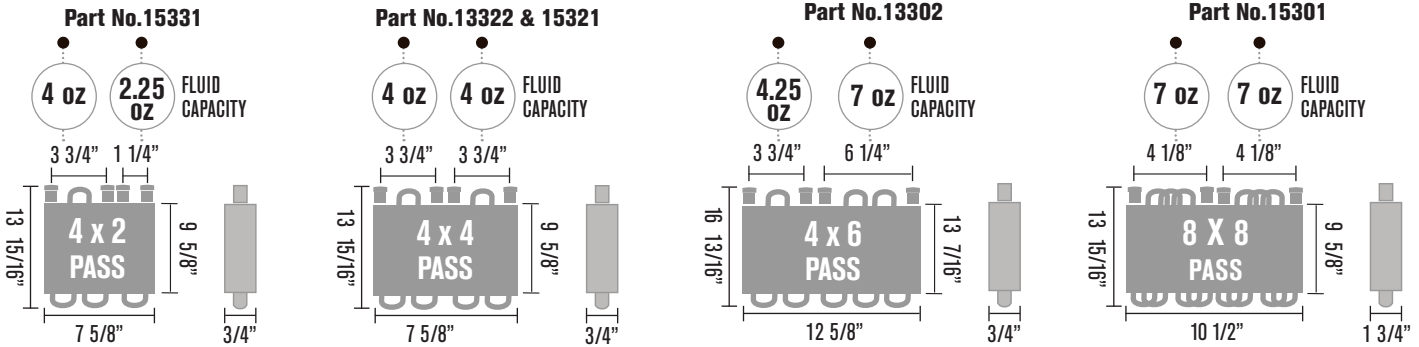
● Cools two systems with one compact package



● Available in -8 AN or Push-in Barb

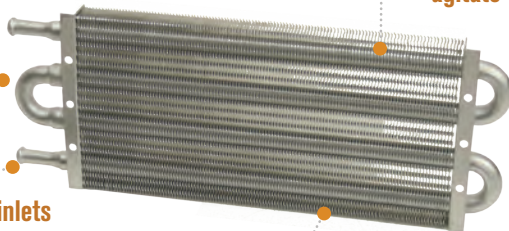
1/2" Copper tubing expanded into formed aluminum fins

Inlets	No. of Rows	Cooler Part No.
11/32" (2x) & 1/2" Barb (2x)	4 & 6	13302
11/32" (2x) & 1/2" Barb (2x)	4 & 4	13322
-8 AN (4x)	8 & 8	15301
-8 AN (4x)	4 & 4	15321
-8 AN (4x)	4 & 2	15331



## Dyno-Cool Series 6000

● Prevent heat-related component failure



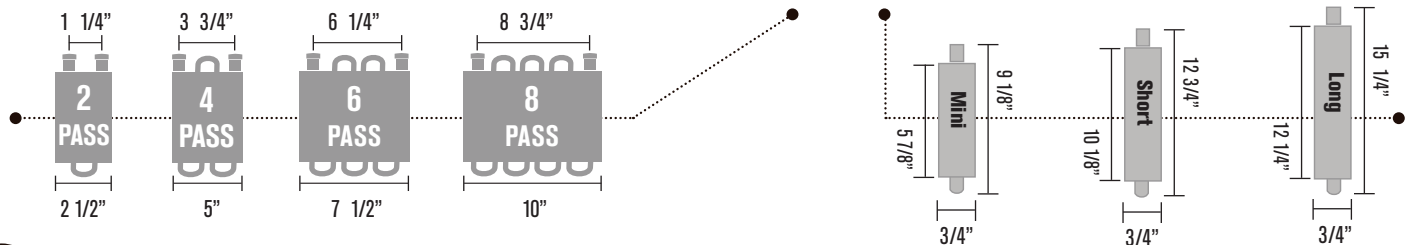
● 11/32" Hose barb inlets

● Embossed turbulators in each tube agitate fluid for maximum heat transfer



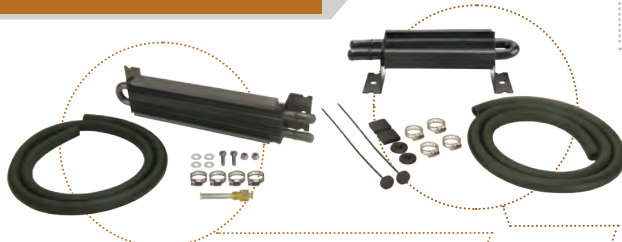
● 1/2" Aluminum tubing expanded into formed aluminum fins

Inlets	No. of Passes	Height	Fluid Capacity	Transmission Cooler Kit	Power Steering Cooler Kit
11/32" Barb	2	Mini	1.5 oz	-----	12213
11/32" Barb	2	Short	2 oz	-----	12200
11/32" Barb	4	Short	3.25 oz	12901	-----
11/32" Barb	4	Long	4 oz	12902	-----
11/32" Barb	6	Long	7 oz	12903	-----
11/32" Barb	8	Long	11 oz	12904	-----
11/32" Barb	6	Short	6 oz	12906	-----
11/32" Barb	8	Short	6.5 oz	12907	-----





# FRAME RAIL COOLERS

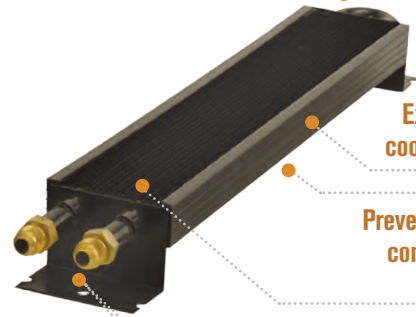


• 1/2" Copper tubing expanded into aluminum cooling fins

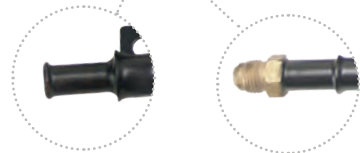
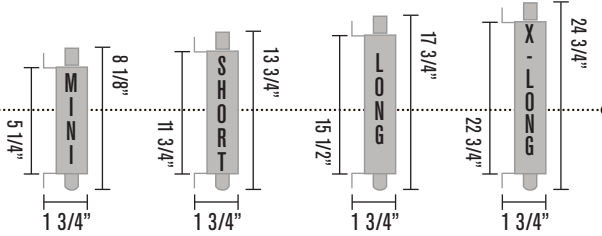
• Extruded plastic cooling fin guards

• Prevent heat-related component failure

• Embossed turbulators for maximum heat transfer



No. of Passes	Cooler Size	Fluid Capacity	Inlets	Cooler Part No.	Inlets	Transmission Cooler Kit	Power Steering Cooler Kit
2	Mini	1.5 oz	-6AN	13310	11/32" Barb	////	13210
2	Short	2.5 oz	-6AN	13223	11/32" Barb	13222	13211
2	Long	3.25 oz	-6AN	13221	11/32" Barb	13220	////
2	X Long	4.5 oz	-6AN	13225	11/32" Barb	13224	////



Available in 11/32" Barb or -6 AN Inlets

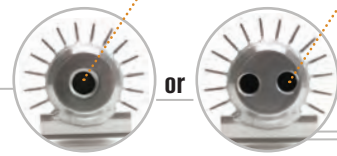
• External & Internal heat-dissipating fins

• Compact 3" diameter fits most frame rails

• High heat transfer

• Single Pass

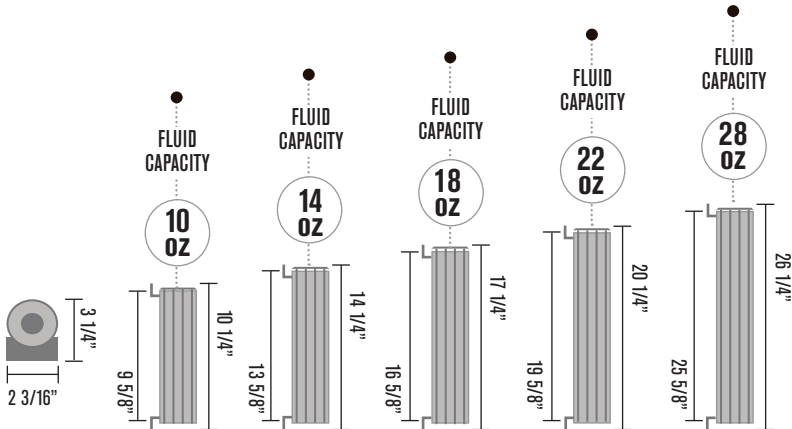
• Double Pass



# HEAT SINK COOLERS



No. of Passes	Cooler Size	Inlets	Cooler Part No.	Transmission Cooler Kit	Power Steering Cooler Kit
1	10"	3/8" NPT	13249	////	13349
1	14"	3/8" NPT	13250	13253	13350
1	17"	3/8" NPT	13251	13254	////
1	20"	3/8" NPT	13252	13255	////
1	26"	3/8" NPT	13257	13256	////
2	14"	1/4" NPT	13260	13263	////
2	17"	1/4" NPT	13261	13264	////
2	20"	1/4" NPT	13262	13265	////
2	26"	1/4" NPT	13267	13266	////



# TRANSMISSION COOLER FITTINGS

## Dodge/Jeep

Part No.

**13034**

Fits 1999-2003 Dodge Trucks, Vans with 5.9L, 5.2L, 3.9L Engines



9/16"-24  
45°SAE Fittings  
Male & Female



1/4" NPT M/F  
3/8" NPT Male Fittings

## Insta-Dapt

Part No.

**13004**

Fits most vehicles with 5/16" transmission lines. Includes male and female threads.



## Dodge/Jeep

Part No.

**13028**

Fits 1960-1997 Dodge Trucks with rubber transmission lines

Fits 1983-2012 Jeep with 5.2L, 4.2L, 4.0L, 2.5L Engines with rubber transmission lines



Barbed Splicer  
Fittings

## Dodge Dakota

Part No.

**13030**

Fits 1999-2005 Dodge Dakota



9/16"-18  
37° JIC Fitting

## Ford/Mercury

Part No.

**13014**

Fits 1983-2012 Ford/Mercury Cars, Trucks, Bronco, Expedition, Ranger, Vans w/ 7.5L, 7.3L, 6.9L, 6.6L, 5.8L, 5.4L, 5.0L, 4.9L, 4.7L, 4.6L, 4.2L, 4.0L, 3.8L, 3.0L, 2.9L, 2.8L, 2.5L, 2.3L Engines

Fits 1983-2007 Mercury Cars w/ 5.8L, 5.0L, 4.6L, 3.8L, 3.0L, 2.5L, 2.3L Engines



5/8" Inverted  
Flare Fittings

## Ford/Lincoln Trucks & SUV's

Part No.

**13025**

Fits 1998-2012 Ford/Lincoln Trucks & SUV's, Blackwood, Excursion, Expedition, Explorer, Navigator, Ranger with 7.3L, 6.9L, 6.8L, 5.4L, 5.0L, 4.6L, 4.0L, 3.0L, 2.5L Engines



1/2"-20 Inverted  
Flare Fittings

## Ford/Lincoln/Mercury

Part No.

**13024**

Fits 1983-2012 Ford/Lincoln/Mercury Cars, Trucks, Blackwood, Bronco, Expedition, Navigator, Ranger, Vans with 7.3L, 6.9L, 5.8L, 5.0L, 4.9L, 4.6L, 4.2L, 2.9L, 2.8L, 2.3L Engines



**ADD AUXILIARY COOLER WITHOUT ALTERING FACTORY TRANSMISSION LINES**

## GM

Part No.

**13018**

Fits 1981-2000 Buick w/ 5.7L, 3.8L, 3.3L, 3.1L, 2.5L, 2.4L, 2.3L, 2.2L Engines

Fits 1988-2007 Cadillac Cars, Trucks with 6.2L, 6.0L, 5.7L, 5.3L, 4.9L, 4.6L, 4.5L, 4.1L, 3.0L Engines

Fits 1987-2012 Chevrolet Cars, SUVs, Chevrolet, GM Trucks, Vans w/ 8.1L, 7.4L, 6.5L, 6.0L, 5.7L, 5.3L, 5.0L, 4.8L, 4.3L, 3.8L, 3.4L, 3.2L, 2.4L, 2.3L, 2.2L Engines

Fits 1996-2001 Oldsmobile Bravada with 4.3L Engine  
Fits 1983-2005 Pontiac Cars, SUVs with 5.7L, 5.0L, 3.8L, 3.4L, 3.1L, 2.4L, 2.2L, 1.6L Engines



5/8" Inverted  
Flare Fittings

## GM

Part No.

**13035**

Fits 1993-2012 Buick w/ 4.6L, 4.2 L, 3.9L, 3.8L, 3.6L, 3.5L, 3.4L, 3.3L, 3.1L, 2.5L, 2.4L, 2.3L, 2.2L Engines

Fits 1993-2012 Cadillac 6.2L, 6.0L, 5.7L, 5.3L, 4.9L, 4.6L, 4.5L, 4.1L, 3.0L Engines

Fits 2000-2012 Chevrolet Cars, SUVs, Chevrolet, GM Trucks, Vans with 3.8L, 3.4L, 6.0L, 5.3L, 4.8L, 4.3L, 4.2L, 3.7L, 3.5L, 3.4L, 2.9L, 2.8L Engines

Fits 2003-2007 Isuzu SUVs with 4.2L, 5.3L Engines

Fits 2002-2004 Oldsmobile Bravada w/ 4.2L Engine

Fits 2001-2007 Pontiac with 3.9L, 3.8L, 3.5L, 3.4L, 3.1L Engines



Snap in Tube  
Fitting



## 5/16" Tube to 3/8" Barb

Part No.

Description

**13031** 5/16" Transmission Cooler Line to 3/8" NPT Hose Barb



## 3/8" Tube to 3/8" Barb

Part No.

Description

**13032** 3/8" Transmission Cooler Line to 3/8" NPT Hose Barb



## 1/2" Tube to 1/2" Barb

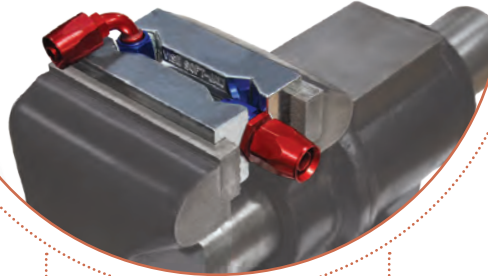
Part No.

Description

**13033** 1/2" Transmission Cooler Line to 1/2" NPT Hose Barb

## Magnetic Aluminum Vise Jaws

Part No.	Description
35000	4" (one size) fits all vises



## Straight NPT Hose Barb Fittings

Part No.	Description
98100	1/4" NPT Male x 3/8" Barb
98101	3/8" NPT Male x 3/8" Barb
98102	3/8" NPT Male x 1/2" Barb
98103	1/2" NPT Male x 1/2" Barb
98104	1/4" Female x 3/8" Barb
98105	3/8" Female x 3/8" Barb
98106	1/2" Female x 1/2" Barb



## AN Swivel Hose Barb Fittings

Part No.	Description
98200	-6 AN Female x 3/8" Barb
98201	-8 Female x 3/8" Barb
98202	-8 Female x 1/2" Barb
98203	-10 Female x 1/2" Barb

## AN Hose Barb Fittings

Part No.	Description
98204	-6 AN Male x 3/8" Barb
98205	-8 AN Male x 1/2" Barb



## NPT Reducer Bushings

Part No.	Description
98450	3/8" Male x 1/8" Female
98451	1/2" Male x 1/8" Female
98452	1/2" Male x 3/8" Female



## 90° NPT Fittings

Part No.	Description
98333	3/8" NPT Female x 3/8" NPT Male
98344	1/2" NPT Female x 1/2" NPT Male

## 90° Hose Barb Fittings

Part No.	Description
98233	3/8" NPT Male x 3/8" Barb
98234	3/8" NPT Male x 1/2" Barb
98244	1/2" NPT Male x 1/2" Barb



## Barb to Barb Fittings

Part No.	Description
98028	3/8" Barb x 3/8" Barb



## Zinc Radiator Anode

Part No.	Description
98000	Fits radiator w/ 1/4" NPT drain petcock



## AN Aluminum Adapter Fittings

Part No.	Description
59106	-6 AN x 5/8"-18 O-ring
59108	-8 AN x 5/8"-18 O-ring
59006	-6 AN x -10 AN O-ring
59008	-8 AN x -10 AN O-ring
59010	-10 AN x -10 AN O-ring
59012	-12 AN x -10 AN O-ring

## AN Aluminum Swivel Fittings with 1/8" NPT Side Port

Part No.	Description
35920	-6 AN Male x -6 AN Female
35921	-8 AN Male x -8 AN Female
35922	-10 AN Male x -10 AN Female



# Fluid Cooler ACCESSORIES



## Hi-Temp. / Hi-Pressure Hose

Part No.	Hose ID	Length	Application
13003	1 1/32"	4 feet	Transmission
13007	1 1/32"	25 feet	Transmission
13016	3/8"	5 feet	Transmission
13017	3/8"	25 feet	Transmission
15700	1/2"	10 feet	Engine
15701	1/2"	5 feet	Engine
15740	1/2"	8 feet	Engine
15799	1/2"	25 feet	Engine

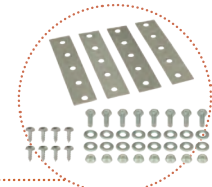
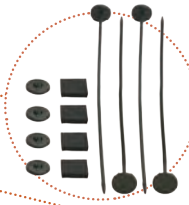


## Part No. 13009 - Oil Temperature Gauge

- Transmission or Engine oil temperature
- 2-1/8" diameter electric gauge includes mounting bracket, 1/8" NPT sensor and transmission pan adapter/drain plug to mount sensor in pan

## Fluid Cooler Mounting Kits

Part No.	Description	Hardware
13001	Plastic Insta-Mount Kit	(4) Rods, Pads & Buttons
13002	4 3/4" Rigid Mount Bracket Kit	(8) Screws
13062	4 3/4" Rigid Mount Bracket Kit	(8) Screws, Bolts, Nuts & Washers
13063	10" Rigid Mount Kit	(8) Screws, Bolts, Nuts & Washers



## Transmission Cooler Installation Kits



Part No.	Description
12006	Plastic Rod Ram Air cooler kit-4' 11/32" Hose
13006	Plastic Rod/Metal Strap Ram Air kit-4' 11/32" Hose
13064	Metal Strap Ram Air kit-8' 11/32" Hose
13065	Plastic Rod/Metal Strap Ram Air kit-4' 11/32" Hose w/ANG fittings
13020	5/16" Cooler line kit for Remote Mount coolers-10' 11/32" Hose (includes In-line Thermostat)
13022	3/8" Cooler line kit for Remote Mount coolers-10' 3/8" Hose (includes In-line Thermostat)
13023	1/2" Cooler line kit for Remote Mount coolers-10' 1/2" Hose (includes In-line Thermostat)



## Engine Oil Cooler Installation Kits



Part No.	Description
15751	Universal Sandwich Adapter kit for Ram Air engine oil coolers
15752	Universal Sandwich Adapter kit for Remote Mount oil coolers (includes In-line Thermostat)



## Accessories

Part No.	Description
13008	5/16" band, grip range 1/2"-7/8" Stainless Hose Clamps
13019	1/2" band, grip range 5/8"-1" Stainless Hose Clamps
13010	Universal Drain Plug Kit
14000	Magnetic Drain Plug Kit



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