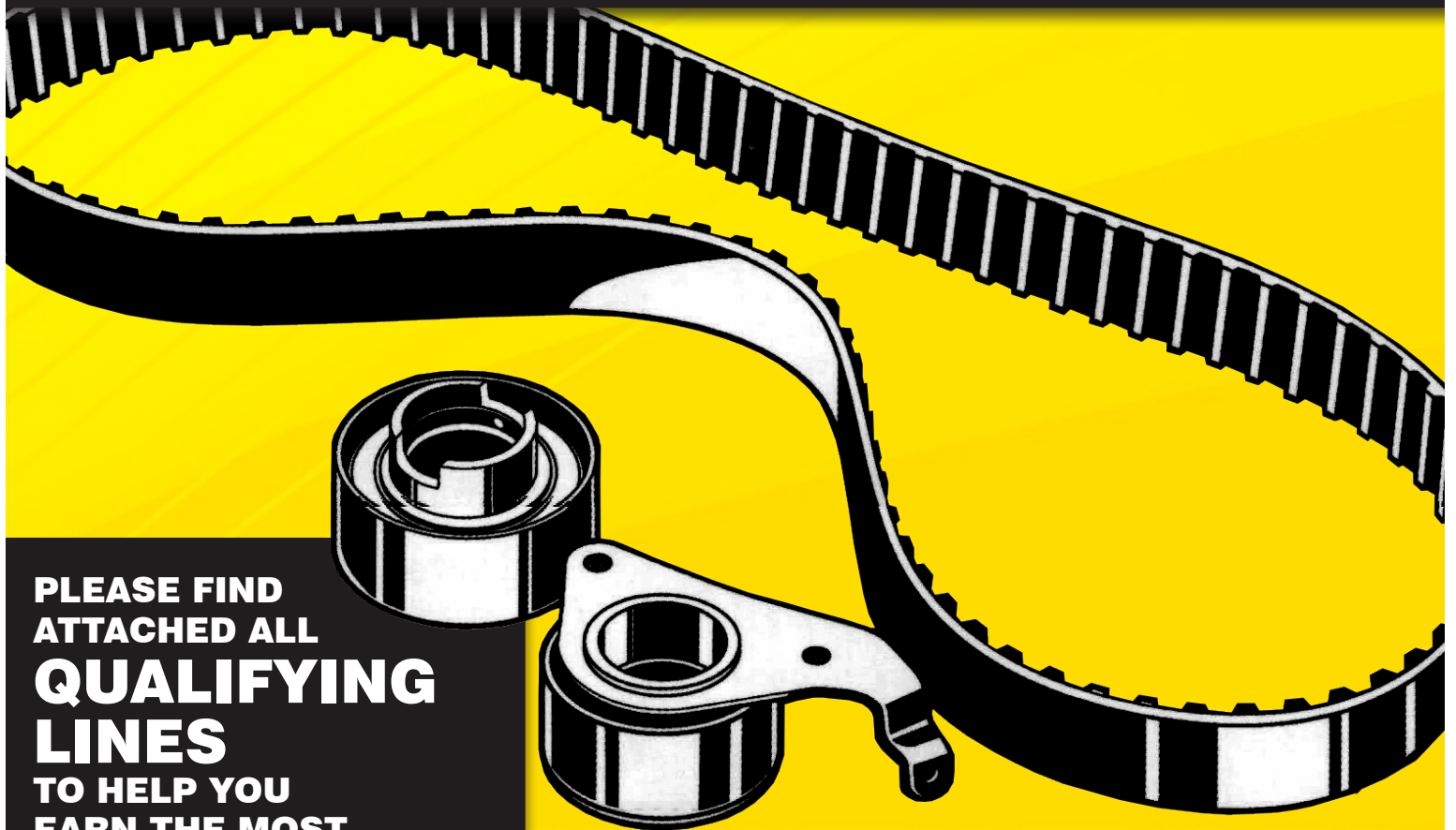


# BENSON COMPLETE BELT SOLUTION

**FLEETRANNER® | V-BELTS | V-RIBBED | ARAMID | TIMING  
TCK WITH WATER PUMP | TIMING COMPONENT KITS**



**PLEASE FIND  
ATTACHED ALL  
QUALIFYING  
LINES  
TO HELP YOU  
EARN THE MOST  
ACDELCO  
TOOL BUCKS.**

## ***ACDelco***

**NETWORK OF OVER  
70 AUTO PARTS STORES  
TO SERVE YOU BETTER!**

**AUTO PARTS**



**PIÈCES D'AUTO**

REV01

PS2016-05 Busted Knuckle VER01



## TECHNICIAN REWARD PROGRAM



**EARN TOOL BUCKS FOR INSTALLING  
QUALIFYING PRODUCTS AND REDEEM  
UPC'S FOR REWARDS.**



## TECHNICIAN REWARD PROGRAM

# Easy Money in Your Pocket!

- 1) Install qualifying ACDelco products
- 2) Save the UPC's
- 3) Trade the UPC's for rewards!

## REWARDS RANGE FROM GIFT CARDS TO TV'S

SEE QUALIFYING PRODUCTS AND POINT VALUES BELOW.

### BELTS

FleetRunner Belts @ **1.5 Tool Bucks**

V-Belts Belts @ **1.5 Tool Bucks**

V-Ribbed Belts @ **1.5 Tool Bucks**

TCK with Water Pump (TCKWP) @ **7 Tool Bucks**

Timing Component Kits (TCK) @ **7 Tool Bucks**

Timing Belts @ **2.5 Tool Bucks**

Solution Kits @ **4 Tool Bucks**

### TENSIONERS & PULLEYS

DriveAlign Tensioners @ **5 Tool Bucks**

Idler Pulleys @ **1.5 Tool Bucks**

### HOSES

Any 3' of Heavy-Duty Straight Coolant Hose @ **3 Tool Bucks**

Molded Coolant Hoses @ **1 Tool Buck**

Molded Heater Hoses @ **1 Tool Buck**

**Register online today and start earning exciting premiums!**

**[HTTPS://ACDelco.ToolBucks.ca](https://ACDelco.ToolBucks.ca)**







## AUTOMOTIVE SERVICE PROVIDER INCENTIVE

# PLACE A QUALIFYING ORDER AND RECEIVE A 91084!

- › Dual-sided display rotates 360 degrees to show either Serpentine or Timing System
- › 3D unit has real belts and moving system components
- › Built-in brochure holder at top of display
- › 50 Be System Smart consumer brochures included
- › Sturdy construction sits securely on countertop
- › Size: 18"H x 10" W x 3"D
- › Comes with \$160 worth of rebates
  - > 4 x \$15 V-Ribbed belt + Tensioner or ACK rebates
  - > 4 x \$25 TCK or TCKWP rebates



Register online today  
and start earning  
exciting premiums!



### QUALIFYING ORDERS

- › Complete a competitive changeover
- › Complete a new installation
- › Complete an upgrade/  
line expansion
- › Qualifying orders must be  
ACDelco Belts & Hoses products,  
minimum order value of \$700

1	0	0	0	0	0	U	INSPECT 100K km
1	5	0	0	0	0	U	REPLACE 150K km

<https://acdelco.toolbucks.ca>





**New!**

# Get Pumped!

*On vehicles that have timing belt driven water pumps, ACDelco recommends that the pump always be replaced when the belt is replaced.*



## ***Introducing ACDelco Timing Component Kit with Water Pump Included (TCKWP).***

- Competitively priced
- OE construction Timing Belts every time
- Everything you need in one package

## **Timing Belt Replacement? - Include Water Pumps!**

90% of the labor to change the water pump has already been done with the timing belt job and most technicians consider it good practice to replace the pump at this time.

### **Benefits of the TCKWP.**

- Each TCK with Water Pump contains an OE-quality timing belt, idler, water pump and tensioner.
- The pulleys included in the TCK with Water Pump are made to demanding OE-standards.

### **Benefits to Your Customers.**

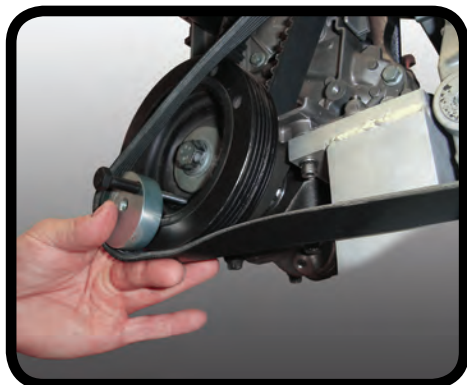
- Changing the water pump AND other system components during a timing belt replacement avoids costly labor charges later (replacing components separately).
- TCK s with Water Pumps allow you to service the entire timing system.
- Properly functioning timing systems improve fuel economy – an important factor for your customers today.
- Why have them pay twice for labor? Get everything done once and right the first time!

Same warranty as standard TCK's



## Micro-V® Stretch Fit™ Belts

**ACDelco is First to  
Market with Revolutionary  
TwistLock™ Technology!**



Stretch Fit belts may look like standard V-ribbed belts but inside they are dramatically different. The secret is ACDelco TwistLock Technology - where the strength and flexibility of advanced polyamide tensile cord is surrounded by a specially formulated adhesive that literally locks on to the cord- allowing the cord to elongate and stretch but never lose tension.

In addition, our patented highly engineered EPDM belt ribs are extremely resistant to oil leaks, wear and pilling.

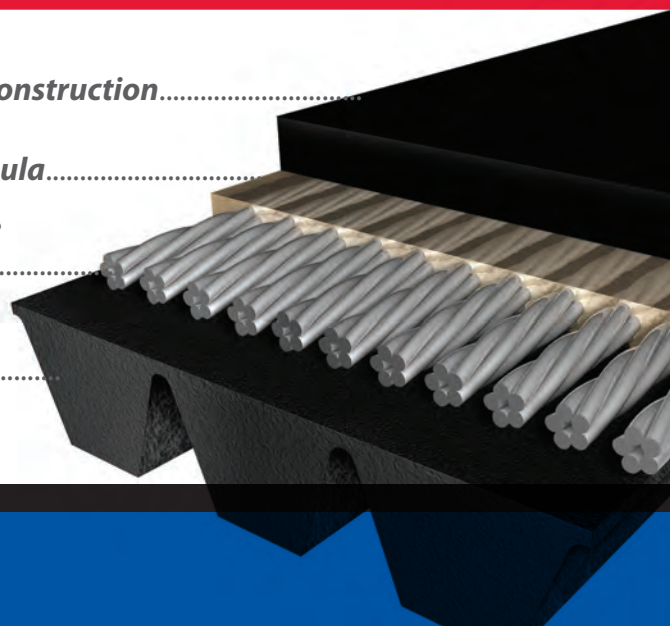
Prior to installation, Stretch Fit belts are shorter than the actual working length, but once they are installed they automatically tension, and continue to maintaining that proper tension over the life of the belt and ensuring optimum load-carrying capacity.

**Patented EPDM Construction.....**

**Exclusive Adhesive Formula.....**

**Super-Strong, Incredibly Flexible  
Polyamide Tensile Cord.....**

**Patented Aramid-Reinforced  
Undercord.....**



## Micro-V® Stretch Fit™ Belts

### Stretch Fit™ Universal Installation Tool

Part # 91030

**Most OEM tools are designed for use on one type of engine only and are often disposable — which means you have to have a lot of different tools for different engine types. ACDelco tool is universal - one tool with broad coverage!**

- ACDelco Stretch Fit™ Installation Tool is available separately for applications where a tool must be used. (In some cases, all you need is a 3mm wide zip tie for proper installation. It couldn't be any easier!)
- Our tool is more economical and environmentally friendly than disposable versions.
- 91030 Installation Kit includes a re-usable tool and mounting bolt.



### Subaru Installation Tool

Part # 91031

The 2008-10 Subaru Impreza, Forester, and Outback with 2.5L engines utilize Stretch Fit belt technology on the A/C compressor drives. ACDelco leads the way with coverage for these vehicles.

ACDelco ensures peak performance and unmatched durability. Unlike the OE belt, ACDelco tool is available separately so that the technician isn't forced to buy a tool every time a belt is installed.

The best coverage with product and installation solutions that help you do your job right the first time.

# ACDelco®







Look to ACDelco for the solution when servicing a customer's vehicle that has an OE drive design problem from the time they left the showroom.

ACDelco has solutions for belt jump off on specific model Chrysler mini-vans, squeaking or rattling engine noise on specific model Mazda 6's, and even excessive force on the tensioner causing misalignment on specific model Honda Civic's.

ACDelco's supplier of Solution Kits, precision engineer the world's most experienced designer of accessory belt drive systems and manufacturer of premium quality parts.

**NEW • Audi/VW "Master Kits", 1996-2005 Part numbers 38193MK1, 38193MK2 & 38192MK1**

- Application specific kits created for high labour applications where the front end module (bumper, grille, radiator, etc.) must be pulled forward for access to accessory and timing belt systems.
- Includes new construction serpentine belt, tensioner, timing belt, timing belt tensioner/idler(s), water pump and oil seals.
- Kit reduces overall labour time and expense when repairing accessory or timing belt systems.



**NEW • Dodge Trucks, Chrysler Passenger Cars, 2000-2010 Part number 32948K1**

- Standard maintenance procedures can damage the upper hose filler neck.
- The kit contains an inline upper hose filler neck and two PowerGrip® SB clamps.
- Permanent and inexpensive fix for damaged filler neck.



**NEW • Ford Crown Victoria 4.6L V8 (fleet), 2003-2011 Part numbers 38189K1 & 38189K2**

- Kits allow complete service of accessory drive, including Alternator Decoupler Pulley (ADP), without replacing expensive alternator.
- Kit includes Micro-V AT® Belt, tensioner, idlers (2) and ADP.
- Installation of the kit will ensure longer durability and less costly repair for the accessory drive.



**NEW • Toyota Corolla, Celica, Matrix 1.8L (1ZZ-FE) 4-Cyl., 1998-2008 Part numbers 39068K1 & 39068K2**

- Chronic noise issue (squealing or rattling noise from engine particularly at low speeds) with accessory belt drive system.
- Includes new construction serpentine belt, redesigned tensioner and alternator decoupler pulley (ADP).
- Reduces comebacks and is a permanent solution for noise issues.



# ACDelco Solution Kits

## Chrysler, Dodge & Plymouth Mini-Van 3.0L-3.8L V6, 1993-2000 Part numbers 38342K, 38379K & 38398K

- Under rain or snow conditions the serpentine belt could come off leaving your customer stranded.
- Kit includes double-sided V-Ribbed Belt, grooved idler pulley and tensioner with a grooved pulley.
- Delivers the proper tension and performance to the belt drive system making it virtually impossible for the belt to jump off.



## Ford F-series trucks 7.3L Diesel, 1999-2003 \* Part numbers 22434K-1999 - April 28, 2001 & 22690K-April 29, 2001-2003

- Kit designed to correct OEM situation where upper radiator hose must be removed to replace the serpentine accessory drive belt.
- OE upper radiator hose is routed through accessory drive belt system (left photo). To replace belt, cooling system must be drained and upper hose removed, adding additional cost and labour.
- Kit includes upper & lower hose, FleetRunner® long-life fleet-rated belt.
- Kit designed to route upper hose around accessory drive system, allowing belt to be replaced without draining cooling system and removing radiator hoses (right photo) reducing labour by up to 50% on future belt replacement.



**Before**



**After**

*\* Lower Hose differs after April 28, 2001*

## Honda Civic 1.8L 4-Cyl., 2006 Part number 39054K

- Accessory drive belt routing produces excessive force on tensioner causing tensioner misalignment, belt noise and possible tensioner bolt failure.
- Kit includes specially-constructed new length belt, upgraded tensioner, upgraded tensioner bolt and new belt routing under hood sticker.
- New belt length and construction allow for new belt routing reducing force on tensioner and tensioner bolt.



## Honda Odyssey 3.5L V6, 1999-2001 Part number 38327K

- Buzzing or humming sound from accessory drive, particularly at the alternator.
- Kit includes specially-constructed belt and upgraded tensioner.
- Provides proper pulley friction and tension to eliminate noise.



## Mazda 6 2.3L 4-Cyl., 2003-2005 Part number 38408K

- Squeaking or rattling may emit from engine compartment during normal driving conditions.
- Kit includes specially-constructed belt, re-designed tensioner and idler pulley.
- New tensioner design prevents tensioner spring to housing contact while new belt reduces overall noise.



## Nissan Frontier, Xterra & Pathfinder 4.0L V6, 2005-2007 Part number 38378K

- OE tensioner does not provide proper tension to serpentine belt, causing belt squeal.
- Kit includes upgraded tensioner and belt.
- Delivers required tension and belt grip to correct problem.

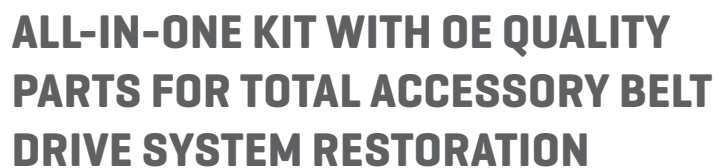


## Toyota Camry, Solara & Highlander, RAV4 2.4L 4-Cyl., 2001-2004 Part number 38216K

- Noise from engine compartment during vehicle operation, especially after cold soak.
- Kit includes specially-constructed belt and upgraded tensioner.
- Provides proper tension and belt surface to correct problem.



**For more information contact your ACDelco Sales Representative.**



AC-577C





## ACCESSORY COMPONENT KITS



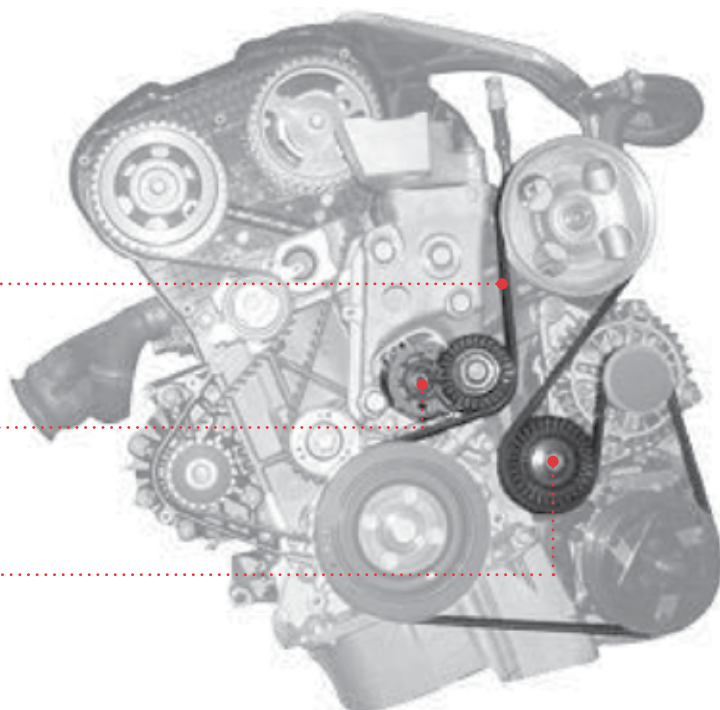
ACDelco V-Ribbed  
serpentine belt  
with premium  
EPDM construction



ACDelco tensioner



ACDelco idler



## TOTAL ACCESSORY DRIVE RESTORATION

To ensure proper ABDS repair, sometimes it's not enough to simply replace the serpentine belt. A flawless operation of a car's accessory belt drive system depends not only on the belt, but also on related components operating as a team. Failure of any individual component can lead to system breakdown and extensive, costly repairs. To ensure the most complete ABDS system repair and to increase customer satisfaction due to reduced comebacks, belts, tensioners and idlers should be replaced at the same time using ACDelco Accessory Belt Drive Component Kits containing all OE-quality parts.



## V-RIBBED ARAMID

### Introducing V-Ribbed Aramid THE LATEST IN BELT EVOLUTION

ACDelco leads the aftermarket industry in accessory belt evolution and the tightest length tolerances

#### THE OPPORTUNITY



OEs are constantly evaluating belt performance and making updates to address inadequate belt drive design in certain applications.



Lack of proper belt construction and size will affect the life of other accessory components and/or cause check engine codes.



Improper belt fit, form and function may cause noise, vibration and harshness and lead to poor customer satisfaction.



Belt noise is one of the leading reasons for customer complaints.

#### THE SOLUTION



ACDelco matches the latest OE materials and construction, which includes matching aramid cord on certain applications to meet or exceed OE standards.



The correct belt ensures the same durability of the belt and all related accessory components while preventing false engine codes.



ACDelco Aramid belt ensures that the accessory belt drive functions as intended, eliminating instability and reducing noise, while contributing to a positive customer experience.



Aramid cords eliminate span vibration and resulting roughness on demanding engine designs, reducing belt noise and customer complaints.

**V-Ribbed Aramid construction reduces noise, vibration and harshness. What does that mean?**

**Fewer customer comebacks.**





## V-RIBBED ARAMID

### KEEPING UP WITH OE EVOLUTION

ACDelco's V-Ribbed belt supplier works globally with OE manufacturers to evolve the performance of belt drives—offering the most advanced serpentine belt technology and materials in the world.

Aramid cord construction is required in demanding engines, creating stability and rigidity, and reducing vibrations in the application.

It is utilized in applications such as:

- › Engines with high specific output
- › Turbo engines
- › Engines with poor accessory drive geometry
- › Diesels

**REDUCED WARRANTIES.  
REDUCED COMEBACKS.  
ASK FOR ACDELCO V-RIBBED  
ARAMID BELTS BY NAME.**



### BELT CONSTRUCTION

#### **Patented EPDM Rubber Compound Overcord**

Resists cracking and contributes to a longer belt life

#### **Specially Formulated Adhesion Gum**

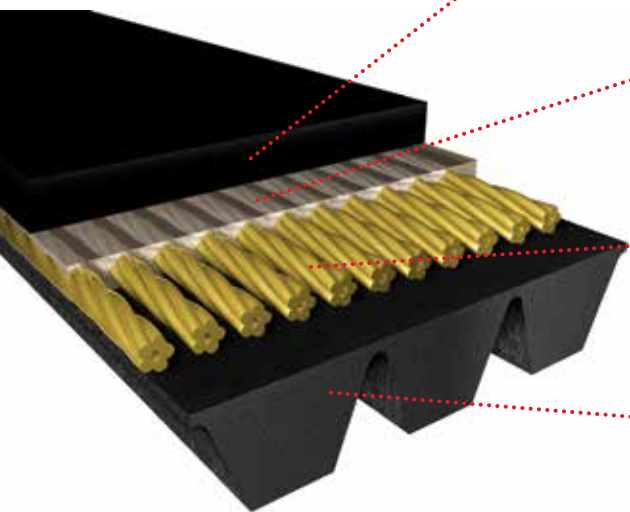
Creates the ultimate bond to fuse the top overcord layer, aramid cords and bottom ribbed undercord

#### **Stronger than Steel Aramid Cord**

Prevents elongation on high-load carrying and high-tension drives

#### **Patented EPDM and Nylon-Reinforced Rib Material Undercord**

Guarantees optimum performance and reduces possible misalignment noise







## FORD TURBOCHARGER HOSE KITS



Turbos are projected to be on  
**1 in 4** of all new North American  
vehicles in 2017.\*



Greater fuel efficiency and performance are driving turbocharger growth across a full range of vehicles.

## Introducing Ford Turbocharger Hose Kits for Complete Replacement in a Single Kit

### PACKAGED FOR SUCCESS

GROWING MARKET + SUPERIOR OE-PLUS PRODUCT SOLUTION

#### THE OPPORTUNITY



Research has shown instances of OE turbocharger hose becoming oil-soaked and subsequently failing, rendering the system inoperable until the hose is replaced.



#### SPECIAL ORDER

Currently, turbocharger replacement parts are often only available at the OE dealer, making it harder to find parts when needed.



Additional parts to complete the repair, such as clamps, can be hard to find, leading to extra sourcing time and inconvenience.

#### THE SOLUTION



ACDelco's OE+ turbocharger hose solution prevents oil permeation and the T-bolt clamps provide better sealing.



ACDelco's all-in-one kit has all of the parts, including turbo charger hose, and two correctly fitted T-bolt clamps, needed to complete the repair.

\*Honeywell Transportation Systems Study, 9/27/12

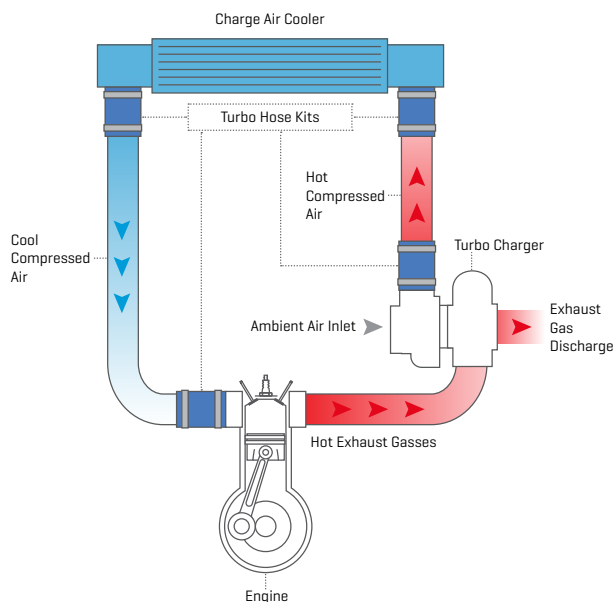


## FORD TURBOCHARGER HOSE KITS

**A Superior OE+ Solution for Ford Turbocharger Hose Replacement In One Complete Kit**  
All the OE+ parts needed for complete repair – nothing more, nothing less.



## TURBOCHARGER SYSTEMS



- > Turbochargers operate off of spent exhaust gasses leaving the engine. The flow of exhaust gas spins a finned turbine wheel within the turbocharger assembly & is directly connected to the air intake compressor wheel via a shaft. The compressor side of the turbo acts as an air-pump compressing the fuel/air charge into the cylinders. The result is a more fuel-efficient engine.
- > Turbocharger hose connectors are generally flexible connectors located throughout the turbocharger system. These connectors can be located within multiple areas, but always between the engine and charge air cooler [CAC]. Turbocharger hoses are designed for two functions – to absorb vibration between the engine assembly & body and to provide a means of connection between the CAC, piping, and engine for pressurized air conveyance. Compressed air leaving the turbocharger is heated as its compressed before entering the CAC – this side is often referred to as the “hot side.” After the air passes through the CAC, it is cooled – this is often referred to as the “cold side”.
- > The typical turbocharger can improve engine power by 30-40%. It can also result in a 15-20% improvement in fuel efficiency\*.

\*auto.howstuffworks.com & Honeywell Turbo Advantage, 2008.



**COOLING SYSTEMS CAN BE DIFFICULT TO FLUSH.**

## **POWERCLEAN™ FLUSH TOOL**

*Additional residue removed  
using POWERCLEAN™ flush  
AFTER the garden hose flush.*



### **PATENTED PULSATING TECHNOLOGY ENSURES A SUPER CLEAN COOLING SYSTEM.**

#### **PART # 91002 TOOL KIT INCLUDES**

- › Pulsating Gun Assembly with Pre-set Regulator.
- › Water Line Backflow Preventer.
- › Large Rubber Tip for Radiator Necks and Direct Flushing of the Engine Block.
- › Small Rubber Tip on Whip Hose for Direct Access to Heater Core Tube Stubs.
- › 5/8" and 3/4" Heater Hose Barbs for Flushing Heater Cores or Engine Blocks.
- › Durable Protective Storage Case with Room for Additional Items.

Inadequate flushing can ruin a newly installed water pump and result in warranty problems and frustrated customers. Perform a complete cooling system flush by using the ACDelco POWERCLEAN Flush Tool with patented pulsing technology.

Using clean water and compressed air, the POWERCLEAN Flush Tool "water hammers" accumulated sludge and scale deposits without the use of harsh chemicals or solvents.

It cleans radiators, heat exchangers, hoses and engine blocks more effectively than conventional flushes, maintains system integrity and ensures warranty coverage on replacement parts, including water pumps.

For more information about the ACDelco POWERCLEAN Flush Tool please contact your ACDelco Sales Representative.



For the past century, ACDelco's belts and hoses supplier, has been powering progress as one of the world's leading parts manufacturers in the automotive industry, working with virtually every Original Equipment Manufacturer worldwide to design products for new vehicles as they are being developed. These strong relationships together with their commitment to continuous innovation, enable ACDelco to offer a complete line of OE quality belts and hoses for the Aftermarket. For both import and domestic vehicles, you can be confident every time you sell or install ACDelco belts and hoses.