

**NEW**

# 2018 New Products



**R-1234yf Aluminum Manifold Gauge Set**  
**Part # 6852**  
 Page 2



**R-1234yf A/C Oil Injector**  
**Part # 2739**  
 Page 2



**R-1234yf/R-134a Aluminum Dual Manifold Gauge Set**  
**Part # 6855**  
 Page 3



**R-1234yf A/C Hand Turn Oil Injector**  
**Part # 2724**  
 Page 2



**R-1234yf 72" Charging Hoses**  
 Page 25



**R-1234yf Service Hose and Gauge**  
**Part # 6846**  
 Page 3



**R-1234yf Charging Hose**  
**Part # 6845**  
 Page 3



**R-1234yf Can Tap**  
**Part # 6840**  
 Page 3



**3-Way Side Can Tap**  
**Part # 6842**  
 Page 3



**R-1234yf Refrigerant Charging Kit**  
**Part # 703**  
 Page 3

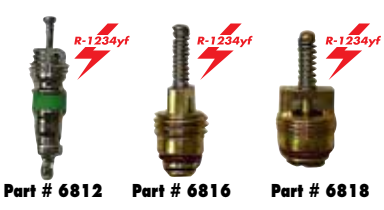


**R-1234yf/R-134a 5cfm Vacuum Pump**  
**Part # 6930**  
 Page 3



**R-1234yf Fluorescent Leak Detection Dyes**  
**Part # 6814**    **Part # 6810**  
 Page 3

**R-12, R-134a, R-1234yf Valve Cores**  
 Page 41

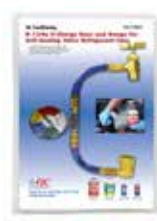


**Part # 6812**    **Part # 6816**    **Part # 6818**

**R-134a U-Charge Hose for Self-Sealing Valve Cans**  
**Part # 6045**  
 Page 7

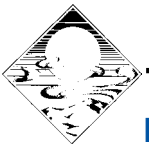


**R-134a U-Charge Hose and Gauge for Self-Sealing Valve Cans**  
**Part # 6037**  
 Page 7



**R-134a Can Tap for Self-Sealing Valve Cans**  
**Part # 6029**  
 Page 7





## R-1234yf

**Part # 697**  
10 lb. cyl.

**Part # 696**  
8 oz.



The next generation of mobile refrigerant

- Do not mix with R-134a
- Requires R-1234yf lubricant (see FJC part # 2458 or 2459)

## FJC R-1234yf Oil

**Part # 2458** (8 oz.)  
**Part # 2459** (Quart)

- For use with R-1234yf refrigerant
- ISO 46 viscosity



## R-1234yf Hand Turn Oil Injector

**Part # 2724**

- 2 oz. refillable oil & dye injector
- Add oil & dye without adding refrigerant



## R-1234yf A/C Oil Injector

**Part # 2739**

- Use injector to add 2 oz. of R-1234yf oil to a R-1234yf air conditioning system while under pressure or during service
- Designed for use with R-1234yf manifold gauge set



## R-1234yf Manifold Gauge Conversion Kit, Couplers & Fittings

**R-1234yf High Side Manual Coupler with M12 Female Hose Fitting Connector**

**Part # 6801**



**R-1234yf Coupler to 1/4" Hose Adapter**

**Part # 6826**



**R-1234yf Low Side Manual Coupler with M12 Female Hose Fitting Connector**

**Part # 6802**



**R-1234yf Coupler to R-134a Hose Adapter**

**Part # 6827**



**R-134a/R-12 Hose End to R-1234yf Cylinder Fitting**

**Part # 6828**

- Fitting 1 = 1/4" SAE male x 1/2" ACME female LH thread
- Fitting 2 = 1/2" ACME male x 1/2" ACME LH thread
- Connects R-12 & R-134a yellow manifold supply hose to R-1234yf refrigerant tank



**R-1234yf Hose End to R-134a Vacuum Pump**

**Part # 6829**

- 1/4" SAE female x 1/2" ACME male LH thread
- Connects R-1234yf yellow hose to R-134a vacuum pump



**R-134a/R-12 Manifold Gauge Conversion Kit to R-1234yf with Manual Couplers**

**Part # 6820**



Part # 6802

Part # 6801

Part # 6826

Part # 6821

Part # 6822

Part # 6827

## R-1234yf Aluminum Manifold Gauge Set

**Part # 6852**

- 72" charging hoses
- Manual couplers

Replacement hoses  
 Part 6876 - 72" red  
 Part 6877 - 72" yellow  
 Part 6878 - 72" blue



## R-1234yf Aluminum Manifold Gauge Set

**Part # 6850**

- 72" charging hoses
- Manual couplers

Replacement hoses  
 Part 6876 - 72" red  
 Part 6877 - 72" yellow  
 Part 6878 - 72" blue



R-1234yf Items



## R-1234yf/R-134a Dual Aluminum Manifold Gauge Set

**Part # 6855**

- 72" Hoses
- R-1234yf & R-134a Couplers



## R-1234yf Service Hose and Gauge

- Reusable charging hose with self-sealing valve can tap

**Part # 6846**



## R-1234yf Charging Hose

- Reusable charging hose with self-sealing valve can tap

**Part # 6845**



## R-1234yf Can Tap

**Part # 6840**

- Brass dispensing valve for R-1234yf yellow hose
- Valve has 1/2" ACME LH threads
- For use with R-1234yf self-sealing valve cans



## 3-Way Side Can Tap

**Part # 6842**

- For use with R-12/R-134a/R-1234yf cans



## R-1234yf Refrigerant Charging Kit

**Part # 703**

- Honeywell R-1234yf 8 oz. can
- Reusable charging hose with self-sealing valve can tap



R-1234yf/R-134a

## R-1234yf/R-134a 5cfm Vacuum Pump

**Part # 6930**

- Spark proof series manufactured with spark free components.
- Large oil level sight glass with max/min level indicator.
- Easily accessible oil drain valve.
- Cooling fins to keep temperature cooler during extended operation.
- High volume fan provides cool air to motor and pump.
- Supplied with 2 ports: 1/2" ACME for use with R-134a and 1/2" ACME LH thread for use with R-1234yf systems.
- Thermally protected motor with on/off rocker switch.
- Due to the spark proof construction, it is safe to use as a replacement pump for recovery machines.



## R-1234yf Fluorescent Leak Detection Dyes

**Part # 6814**

- 0.25 oz.
- Designed to dye 8 oz. R-1234yf refrigerant oil



**Part # 6810**

- 1 oz.
- 4 individual applications
- Use 0.25 oz. per 8 oz. refrigerant oil





# R-1234yf Market Information

Manufactured by: **Honeywell**

## The Future of Automotive Air Conditioning: R-1234yf

In the wake of increased global environmental regulations, R-1234yf has been introduced to exceed both United States EPA and European F-Gas phase-out guidelines for high global warming potential (GWP) refrigerants.

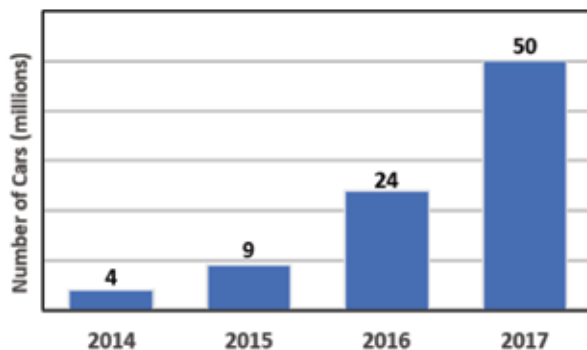
Solstice R-1234yf has become the industry standard refrigerant to replace R-134a globally. With an environmentally sustainable GWP of less than one, R-1234yf is the optimal solution for the future.

### Environmental Property Comparison

	R-1234yf	R-134a
GWP	<1	1300
Atmospheric Lifetime	11 Days	13 Years

### Current R-1234yf Market:

#### Estimated Market Size



Estimates show that nearly 50 percent of model year 2017 cars sold in the U.S. market had R-1234yf A/C systems installed.

FJC offers R-1234yf in the following part numbers:

R-1234yf 10 lb. Cylinder = Part #697

R-1234yf 8 oz. Can = Part #696

R-1234yf Refrigerant Charging Kit = Part #703

### OEM Adoption of R-1234yf:

Most major automakers have adopted R-1234yf in several models.

### Car Manufacturers Currently Using R-1234yf

BMW	GM	Lotus	Peugeot
Chrysler	Honda	Maruti-Suzuki	Renault
Citroen	Hyundai	Maserati	Subaru
Daimler	Infinity	Mazda	Suzuki
Ferrari	Jaguar	Mia	Tesla
Fiat	Kia	Mitsubishi	Toyota
Fisker	Land Rover	Nissan	Volkswagen
Ford	Lexus	Pagani Automobili	Volvo

### R-1234yf Fittings and Service:

R-1234yf has unique and different fittings from R-134a on both the refrigerant canister and car service ports. The specially designed can tap (Part #6840) allows for safe and effective discharge of R-1234yf through patented backflow prevention, reverse threading for secure attachment, and proper fittings to meet SAE specifications.

*Note: Honeywell's 8oz. R-1234yf can with self-sealing valve technology is not subject to EPA 608/609 Certification or California Air Resources Board (CARB) requirements.*

### 4 step service solution

## Honeywell

Solstice® R-1234yf Refrigerant



- 1 Check the AC sticker under the hood
- 2 Determine the charge required
- 3 Connect using the proper fittings for R-1234yf
- 4 Charge, using the same safe practices you use for R-134a systems



Available for sale as:

- Single case or cylinder
- Pallets
- Truckload

## R-134a-30 lb. cylinder

**Part # 690**

30 lb. cylinder each

## R-134a-12 oz.

**Part # 695**

12 oz. cans/12 per case



## R-1234yf Refrigerant Products

### The Next Generation of Mobile Refrigerant

- Do not mix with R-134a
- Requires R-1234yf lubricant



## R-1234yf

**Part # 697**

10 lb. cylinder

## R-1234yf

**Part # 696**

8 oz. can

## Refrigerant-Cylinder Heater Blanket

**Part # 2855**



- 110 volt AC
- Helps to accelerate charging when using a 30 lb. or 50 lb. cylinder in cooler weather
- 300 watt element

\* Refrigerant tank not included



## R-1234yf Refrigerant Charging Kit

**Part # 703**

Kit Contains:

- Honeywell R-1234yf 8 oz. can
- Reusable charging hose with self-sealing valve can tap



# R-134a Refrigerant Products

## Introducing... FJC Polar Ice® R-134a Refrigerant Plus

### Part # 501 22 oz. can

- All-in-one, design and components.
- Designed for larger refrigerant capacity vehicles such as SUV and light trucks.
- Simplifies R-134a A/C system recharging.



- Contains 21 oz. R-134a PLUS and 1 oz. Extreme Cold® additive.
- Easy to fill dispensing hose with pressure gauge.
- Easy step-by-step instructions with filling chart for reference.

### Part # 525 19 oz. can

- All-in-one, design and components simplifies R-134a A/C system recharging.
- Part #525 - contains 18 oz. R-134a PLUS and 1 oz. Extreme Cold®.



- Part #528 – contains 16 oz. R-134a PLUS and 3 oz. Extreme Cold® additive.
- Easy to fill dispensing hose with pressure gauge. (Included with # 525)
- Easy step-by-step instructions with filling chart for reference.

### Part # 528 19 oz. can refill



### Part # 533 14 oz. can

- All-in-one design and components simplifies R-134a A/C system recharging.
- Contains 13 oz. R-134a PLUS and 1 oz. Extreme Cold® additive.
- Packaged for smaller capacity A/C systems.
- Easy fill trigger valve with hose.
- Easy step-by-step instructions with filling chart for reference.



### Part # 536 14 oz. can refill

- All-in-one design and components simplifies R-134a A/C system recharging.
- Contains 12 oz. R-134a PLUS and 2 oz. Extreme Cold® additive, leak sealer and conditioners.
- Packaged for smaller capacity A/C systems.
- Easy step-by-step instructions with filling chart for reference.

# R-134a Refrigerant Products



## R-134a U-Charge Hose with Gauge

### Part # 6036

- For use in adding R-134a refrigerant or additives to a vehicle.
- Low side gauge monitors pressure to aid in getting a correct charge.



## R-134a Deluxe Charging Hose with Pressure Gauge

### Part # 6042

- Easy trigger activated charging assembly provides a quick and accurate refrigerant recharge
- Color coded gauge provides low side system information during the charging process
- For use with non-self-sealing R-134a refrigerant cans
- Reusable - Safe - Eliminates the guessing of system low side pressure



## R-134a U-Charge Hose

### Part # 6035

- Reusable charging hose for adding R-134a refrigerant and oil charge to R-134a systems under pressure.
- For use with all R-134a refrigerant products with puncture style top.



## R-134a U-Charge Hose for Self-Sealing Valve Cans

### Part # 6045

- Reusable charging hose for adding R-134a refrigerant and oil charge from self-sealing valve cans.



## R-134a U-Charge Hose and Gauge for Self-Sealing Valve Cans

### Part # 6037

- Reusable charging hose for adding R-134a refrigerant and oil charge from self-sealing valve cans.
- Low side gauge monitors pressure to aid in getting a correct charge.



## R-134a Can Tap for Self-Sealing Valve Cans

### Part # 6029

- Dispensing valve for R-134a yellow hose.
- Valve has 1/2" ACME RH thread with depressing actuator.
- For use with R-134a self-sealing valve cans



## FJC Polar Ice® R-134a Recharge Kit

### Part # 582

- 36 oz. of R-134a with synthetic booster additives.
- R-134a U-Charge hose with gauge included.
- Instructions included.



## R-134a Premium Refrigerant with Leak Stop & Visual Red Dye

### Part # 618

- Contains 2 oz. R-134a with Leak Stop with visual red dye and o-ring conditioners and 10 oz. R-134a.
- No UV leak detection light needed.



## R-134a Refrigerant with Extreme Cold® Synthetic Booster

### Part # 685

- Contains 2 oz. R-134a with Extreme Cold® synthetic booster and 10 oz. R-134a.
- Lowers duct temperatures up to 15%.
- Compatible with all Ester and PAG oils.
- Extends compressor life.
- Restores seals and o-rings.



## R-134a Refrigerant with UV Dye

### Part # 623

- Contains 1/2 oz. R-134a with UV leak detection dye and 10 oz. R-134a.
- Pinpoint leaks for quicker repair or add to system to identify future leaks if they occur.
- Compatible with all Ester and PAG oils.



## R-134a Refrigerant for High Mileage Vehicles

### Part # 675

- Contains 2 oz. leak sealer and booster/anti-wear additive and 10 oz. R-134a.
- Unique formula designed for today's older vehicles.
- Extends the life of older R-134a systems.
- Compatible with all Ester and PAG oils.



FJC Refrigerant

# Kwik Seal Stop Leak

Convenient Aerosol Can with Charging Hose

**ADVANCED FORMULA**  
STOPS LEAKS WHERE OTHERS FAIL

Kwik Seal  
Air Conditioning  
**STOP LEAK**  
& CONDITIONERS



## Part # 9165

- Designed for the do-it-yourself markets as well as the professional technician.
- Seals most leaks in all metal and rubber components.
- Kwik Seal Stop Leak creates a permanent seal.
- For use in R-134a systems only.
- Includes an easy-to-use hose with R-134a quick coupler - no other tools required.
- Kwik Seal Stop Leak will not damage A/C recovery/recycle equipment.
- Add Kwik Seal Stop Leak to any R-134a automotive system to prevent leaks.
- Not for use in hybrid vehicles.



## Part # 9164

- Contains 2 ounces R-134a & 1 ounce of Kwik Seal Stop Leak.
- Not for use in hybrid vehicles.

## Kwik Seal STOP LEAK w/Conditioners

Part # 9160 (2 oz.)

Part # 9162 (8 oz.)

- Seals most leaks in all metal and rubber components.
- Creates a permanent seal.
- For use in R-134a and R-12 systems.
- Not for use in hybrid vehicles.



## R-134a/R-12 2 oz. Hand Turn Oil and Dye Injector

Part # 2732

- 2 oz. refillable R-12/R-134a cylinder for adding oil, dye and STOP LEAK.
- Add oil, dye and STOP LEAK to system without adding refrigerant.
- Includes R-134a quick coupler for servicing R-134a vehicles.





# Refrigerant Oil



## OE Viscosity PAG Oil 46-100-150



### PAG 46

**Part # 2484** (8 oz.)  
**Part # 2485** (Quart)  
**Part # 2486** (Gallon)  
**Part # 2484-55** (55 Gal.)

### PAG 100

**Part # 2487** (8 oz.)  
**Part # 2488** (Quart)  
**Part # 2489** (Gallon)  
**Part # 2487-55** (55 Gal.)

### PAG 150

**Part # 2490** (8 oz.)  
**Part # 2491** (Quart)  
**Part # 2492** (Gallon)  
**Part # 2490-55** (55 Gal.)

### Synthetic PAG Oil for Mobile A/C Systems

- As recommended by OE and compressor manufacturers.

## OE Viscosity PAG Oil 46-100-150 with Extreme Cold Additive



**PAG 46 with Extreme Cold**  
**Part # 2507**  
 8 oz.



**PAG 100 with Extreme Cold**  
**Part # 2509**  
 8 oz.



**PAG 150 with Extreme Cold**  
**Part # 2511**  
 8 oz.

## OE Viscosity PAG Oil 46-100-150 with Fluorescent Leak Detection Dye



### PAG 46

**Part # 2493** (8 oz.)  
**Part # 2494** (Quart)  
**Part # 2501** (Gallon)  
**Part # 2493-55** (55 Gal.)

### PAG 100

**Part # 2495** (8 oz.)  
**Part # 2496** (Quart)  
**Part # 2502** (Gallon)  
**Part # 2495-55** (55 Gal.)

### PAG 150

**Part # 2498** (8 oz.)  
**Part # 2499** (Quart)  
**Part # 2503** (Gallon)  
**Part # 2498-55** (55 Gal.)

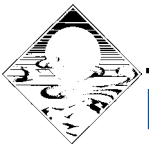
- Saves time over existing methods of dye injection.
- Can be detected using any UV light.

#### ATTENTION

**A partial charge** of FJC PAG Oil with dye will not provide enough dye for proper fluorescing. **Only** a full system charge during normal service will provide maximum fluorescing for the mobile A/C system. A partial charge may be added to a system which already contains fluorescent dye.



# Refrigerant Oil



## FJC Universal PAG Oil

- Part # 2470** (8 oz.) with Extreme Cold
- Part # 2468** (8 oz.)
- Part # 2472** (Quart)
- Part # 2475** (Gallon)
- Part # 2468-55** (55 Gal.)

- Technologically advanced formula, designed to allow one PAG oil for all mobile A/C systems.
- Can be used in R-134a and R-12 mobile A/C systems.
- Compatible with mineral, ester, paraffin, and other PAG oils.
- Non-corrosive



## FJC Universal PAG Oil with Fluorescent Leak Detection Dye

- Part # 2479** (8 oz.)
- Part # 2480** (Quart)
- Part # 2481** (Gallon)
- Part # 2479-55** (55 Gal.)

**ATTENTION**

**A partial charge** of FJC PAG Oil with dye will not provide enough dye for proper fluorescing. **Only** a full system charge during normal service will provide maximum fluorescing for the mobile A/C system.

A partial charge may be added to a system which already contains fluorescent dye.

- Compatible with R-134a & R-12.
- Compatible with mineral, ester, paraffin, and PAG oil.
- Can be detected using a standard UV light.
- Saves time over existing methods of dye injection.



Refrigerant Oil

# Refrigerant Oil



## FJC Estercool™ Oil

- Part # 2410** (8 oz.) with Extreme Cold
- Part # 2408** (8 oz.)
- Part # 2432** (Quart)
- Part # 2439** (Gallon)
- Part # 2455** (55 Gal.)



- The most technologically advanced R-134a and R-12 oil on the market today.
- Compatible with mineral, ester, paraffin, and PAG oil.
- One oil for all applications.
- Can be added to any existing R-12 or R-134a mobile A/C system with mineral, PAG, paraffin, or ester oil.
- Use to replace PAG, mineral, or paraffin oil.



## FJC DyEstercool™ Oil

- Part # 2443** (8 oz.)
- Part # 2445** (Quart)
- Part # 2447** (Gallon)
- Part # 2449** (55 Gal.)



## Contains FJC Universal Fluorescent Leak Detection Dye

- Compatible with R-134a & R-12.
- Compatible with mineral, ester, paraffin, and PAG oil.
- Can be detected using any standard UV light.
- Saves time over existing methods of dye injection.

### ATTENTION

**A partial charge** of DyEstercool™ Oil will not provide enough dye for proper fluorescing. **Only** a full system charge during normal service will provide maximum fluorescing for the mobile A/C system.

A partial charge may be added to a system which already contains fluorescent dye.

## FJC R-1234yf Oil

- Part # 2458** (8 oz.)
- Part # 2459** (Quart)
- For use with R-1234yf refrigerant.
- ISO 46 viscosity
- Compatible for use with hybrid vehicles



## FJC Hybrid Vehicle A/C Oil

- Part # 2450** (8 oz.)
- For use in A/C systems in hybrid vehicles.
- Consult manufacturer's specifications for vehicle oil capacity.



## FJC Mineral Oil

- Part # 2205** (Quart)
- For use in R-12 automotive A/C systems.
- 525 viscosity



## FJC Vacuum Pump Oil

- Part # 2202** (8 oz.)
- Part # 2200** (Quart)
- Part # 2200-55** (55 Gal.)
- Meets specifications for all rotary vane vacuum pumps.



Refrigerant Oil



# Oil Injector

## R-12 A/C Oil Injector

**Part # 2729**

- Use injector to add 2 oz. of oil to a R-12 air conditioning system under pressure or during service.

**Part # 2726**  
(replacement hose R-12 injector)

**Part # 2736**  
(replacement o-ring)



## R-134a A/C Oil Injector

**Part # 2734**

- Use injector to add 2 oz. of oil to an R-134a air conditioning system under pressure or during service.

**Part # 2727**  
(replacement hose R-134a injector)

**Part # 2736**  
(replacement o-ring)



## R-1234yf A/C Oil Injector

**Part # 2739**

- Use injector to add 2 oz. of R-1234yf oil to an R-1234yf air conditioning system under pressure or during service.
- Designed for use with R-1234yf manifold gauge set with M12 fittings.

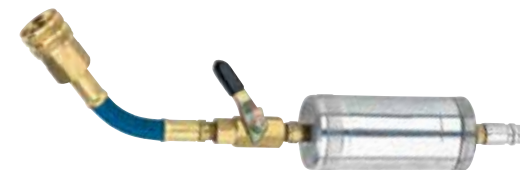


## Syringe Oil Injector

**Part # 2731**

- 6" extension hose.
- 2 oz. plastic syringe style oil injector.
- Inject oil into the system during service (non-pressurized - open system).
- Easily inject correct amount of oil into compressor, evaporator, accumulator, drier or condenser.

**Note:** This injector is not designed to inject oil into a system under pressure.



## R-134a Flow Through Oil Injector

**Part # 2738**

- 2 oz. refillable R-134a oil injector.
- Connects between charging hose and vehicle service port.
- Add oil into the system while under pressure or vacuum.

**Part # 2736** (replacement o-ring)  
**Part # 2602** (replacement male service end)

## R-1234yf Injector 2 oz. Hand turn Oil and Dye Injector

**Part # 2724**

- 2 oz. refillable R-1234yf oil and dye injector.
- Add oil and dye without adding R-1234yf refrigerant.



## R-134a/R-12 Injector - 2 oz. Hand turn Oil and Dye Injector

**Part # 2732**

- 2 oz. refillable R-134a/R-12 oil and UV dye injector.
- Add oil or UV dye to system without adding refrigerant.



# R-134a Oil Charge



## FJC PAG 46 R-134a Oil Charge

**Part # 9142**

- 1 oz. R-134a
- 2 oz. PAG 46



## FJC PAG 100 R-134a Oil Charge

**Part # 9143**

- 1 oz. R-134a
- 2 oz. PAG 100



## FJC PAG 150 R-134a Oil Charge

**Part # 9144**

- 1 oz. R-134a
- 2 oz. PAG 150



## FJC Universal PAG R-134a Oil Charge

**Part # 9145**

- 1 oz. R-134a
- 2 oz. FJC Universal PAG Oil

## FJC Oil Charge with Extreme Cold Additive



### PAG 46 with Extreme Cold

**Part # 9242**

3 oz.



### PAG 100 with Extreme Cold

**Part # 9243**

3 oz.



### PAG 150 with Extreme Cold

**Part # 9244**

3 oz.



### Universal PAG with Extreme Cold

**Part # 9245**

3 oz.



### Estercool PAG with Extreme Cold

**Part # 9247**

3 oz.

### R-134a Refrigerant for High Mileage Vehicles

**Part # 677**

- Contains 1 oz. R-134a, 2 oz. leak sealer and booster/anti wear additive.
- Unique formula designed for today's older vehicles.
- Extends the life of older R-134a systems.
- Compatible with all ester and PAG oils.



### R-134a Dye Charge

**Part # 4921**

- Fluorescent dye for R-134a A/C systems.
- 1 oz. R-134a
- 2 oz. Fluorescent dye



### FJC Estercool™ R-134a Oil Charge

**Part # 9147**

- 1 oz. R-134a
- 2 oz. FJC Estercool™ Oil



### Hybrid Oil Charge

**Part # 9148**

- 1 oz. R-134a
- 2 oz. hybrid vehicle A/C lubricant



# R-134a Oil Charge



## R-134a Stop Leak with Red Dye

**Part # 9140**

- Seals leaks in o-rings & gaskets.
- R-134a refrigerant.
- Sealers with o-ring conditioners.
- Red leak detection dye.
- No UV light necessary to view the dye.
- Will not harm vehicle A/C system or refrigerant recovery or charging equipment.



## Compressor Quiet

**Part # 9159 (2 oz.)**

Compressor oil additive designed to help silence noisy compressors.

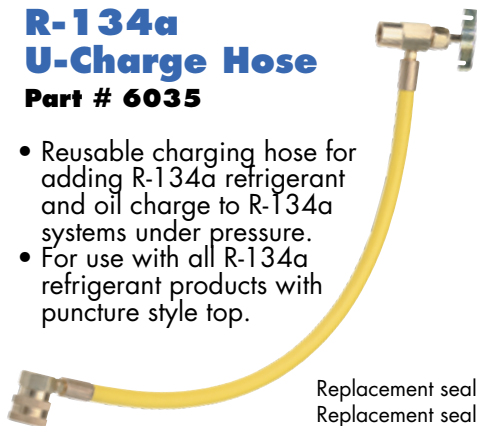
- Improves compressor operation.
- Helps lower compressor operating temperatures.



## R-134a U-Charge Hose

**Part # 6035**

- Reusable charging hose for adding R-134a refrigerant and oil charge to R-134a systems under pressure.
- For use with all R-134a refrigerant products with puncture style top.



Replacement seal - #6041 can tap seal  
Replacement seal - #4008 coupler seal



## R-134a U-Charge Hose with Gauge

**Part # 6036**

- For use in adding R-134a refrigerant or additives to a vehicle.
- Low side gauge monitors pressure to ensure correct amount of charge is reached.



**Part # 9150**

- Install in R-134a systems only.
- 1 oz. R-134a + 2 oz. Extreme Cold®.



# EXTREME COLD®

**High Performance Refrigerant Additive**  
**Lowers Duct Temperature Up to 15%**

**Part # 9153 (2 oz.)**

- Install in any mobile A/C refrigerant system.
- Single application



**Part # 9158(8 oz.)**

- 2 oz. per application
- Install in any mobile A/C refrigerant system.

# A/C Flush



## Extreme Klean A/C Flush

**Part # 2400** (Quart)  
**Part # 2401** (Gallon)

- EVAPORATES - NO RESIDUE
- Removes oil and contaminants within the A/C system.
- Compatible with all mobile A/C refrigerants and oils.
- Use with part #2710 flush kit.
- For shipping, refer to MSDS.



## Kwik Klean A/C Flush

**Part # 2405** (Quart)  
**Part # 2406** (Gallon)  
**Part # 2407** (Aerosol - 17 oz.)  
**Part # 2405-55** (55 Gal.)



- Removes oil and contaminants that can block the flow of oil and refrigerants.
- Compatible with all refrigerant oils.
- Use FJC #2710 flush kit with qt. #2405 or gal. #2406.
- Part #2407, 17 oz. aerosol, includes flush tube coiled in cap.



## FJC A/C Flush Solvent

**Part # 2032** (Quart)  
**Part # 2128** (Gallon)



- Developed specifically for use in air conditioning systems using refrigerants R-12, R-134a, and blends.
- Compatible with all refrigerant oils.
- Removes moisture, acid, and contaminants that can block the flow of oil and refrigerants.
- Use with FJC flush kit - Part #2710.

## Air Conditioning Equipment Flush

**Part # 2130**

- Designed to remove harmful leak stop agents or contaminants that can damage recovery/reclaim equipment.



## Foaming Condenser Cleaner

**Part # 5915**



- Powerful foaming action penetrates deep within condenser fins for superior cleaning.
- Cleans outside of condenser to enhance airflow for maximum cooling.
- Safe for use on all plastics and metals.
- Contains 18 ounces.

## Foaming Evaporator Cleaner

**Part # 5914**



- Cleans outside surface of evaporator.
- Foaming cleaning action designed to fill evaporator case to ensure complete surface cleaning.
- Restores a fresh neutral scent to vehicle's interior.
- Contains 18 ounces.

## Evaporator Odor Control

**Part # 5909**



- Instantly eliminates odors caused by fungus and bacteria in the evaporator or ductwork.
- Helps prevent the reoccurrence of odors for up to one year.
- Fresh lemon scent.
- Comes in easy-to-use aerosol spray.
- Instructions on how to use are included on the can.
- Contains 9 ounces.



# A/C Flush Accessories

## FJC Flush Kit

### Part # 2710

- Reusable canister holds up to 18 oz.
- Designed specifically for use with all FJC A/C flushes.
- Use Flush Kit to remove contaminants, moisture, and acid from air conditioning systems for all refrigerants.
- Detailed instructions are included.
- **Quick disconnect air fitting not included.**



**Kit Contains:** canister, hose, nozzle, air cutoff valve and instructions.

#### Replacement Parts:

- Part # 2716** - Replacement hose for flush kit
- Part # 2717** - Replacement o-ring
- Part # 2718** - Air cutoff valve

## Flush Nozzle

### Part # 2712

- Designed specifically for use with FJC A/C flush solvent or equivalent.
- Note:** Old style flush nozzles will not provide adequate flow using FJC A/C flush solvent.
- Part # 2714** - Replacement tip for flush nozzle.



## Flushing Assortment

### Part # 2768

Contains:

- 1 - **Part # 2710** - Flush kit
- 1 - **Part # 2770** - Flush coupler
- 1 - **Part # 2783** - Safety goggles



## Flush in a Bucket Assortment

### Part # 1996

- Contains everything necessary to flush a mobile A/C system.

Assortment Includes:

- 1 - **Part # 2406** - Flush
- 1 - **Part # 2710** - Flush kit
- 1 - **Part # 2770** - Flush coupler
- 1 - **Part # 2815** - Manual
- 1 - **Part # 2783** - Safety goggles
- 1 - 5 Gallon bucket



## Measuring Cup

### Part # 2782

- Measure the exact amount of oil for the A/C system being serviced.
- Helps eliminate the chance of system failure due to over or under filling the A/C system.
- Made of durable plastic.



## Flush Coupler

### Part # 2770

- Use the flush coupler to capture flush as it leaves the components being cleaned.
- Connects to outlet of the components being flushed.
- Helps to prevent spillage keeping the vehicle and shop clean during the flushing process.



**Note:** Will not connect to block type fittings.

**Replacement Collars - Part #'s 2775, 2776, 2777, 2778, 2779**

## Safety Goggles

### Part # 2783

- Safety splash goggles protects the eye area by surrounding the eye to help prevent liquid splash, dust and other particles from entering the eye.
- Adjustable elastic strap.



## Heavy Duty Flush in a Bucket Assortment

### Part # 1996HD

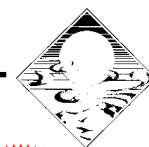
Assortment Includes:

- Contains everything necessary to flush a mobile A/C system.
- 1 - **Part # 2406** - Flush
- 1 - **Part # 2710** - Flush kit
- 1 - **Part # 2770** - Flush coupler
- 1 - **Part # 2783** - Safety goggles
- 1 - 5 Gallon bucket






# Fluorescent Leak Detection Dyes



## Air Conditioning Leak Detection Dye

- All FJC Dyes can be detected using any UV or blue light.
- "POE" Ester based.



Part #	Description	Recommended Usage	Size	Std. Pack
4910	Universal A/C fluorescent leak detection dye R-12 & R-134a systems	1/4 oz per 12 oz oil	1 oz (4910)	6
4914	1/4 oz single application universal A/C fluorescent dye R-12 and R-134a	1/4 oz per 12 oz oil	1/4 oz (4914)	12
4916 4917 4918	Universal A/C fluorescent leak detection dye R-12 & R-134a systems	1/4 oz per 12 oz oil	4 oz (4916) 8 oz (4917) 16 oz (4918)	4 4 1
4921	DyeCharge™ fluorescent dye for R-134a A/C systems R-134a pressurized - single use can use Part # 4960 injector to install	1 can per automotive system	3 oz (4921)	12
4933 4934	R-134a/R-12 visual <b>RED DYE</b> for all automotive A/C systems	1 oz per 12 oz oil	1 oz (4933) 8 oz (4934)	6 4
6810 	R-1234yf A/C UV fluorescent leak detection dye	1/4 oz per 12 oz oil	1 oz (6810)	6
6814	R-1234yf A/C UV fluorescent leak detection dye	1/4 oz per 12 oz oil	1/4 oz (6814)	12

## Fuel-Motor Oil-Transmission-Power Steering Dye



Part #	Description	Recommended Usage	Size	Std. Pack
4923 4924	Gasoline engine oil Transmission oil Power steering Gasoline & diesel fuel Hydraulic fluid	1 oz per 5 quarts 1 oz per 8 pints 1 oz per application 1 oz per 5 gallons 1 oz per 1 gallon	1 oz (4923) 8 oz (4924)	6 4

## Radiator Coolant Dye



Part #	Description	Fluorescent Color	Recommended Usage	Size	Std. Pack
4926	Universal radiator coolant dye <b>(Will not change the color of any coolant)</b>	Blue	1 oz per 4 gallons	1 oz (4926)	6
4927	Extended life radiator coolant dye <b>(Only use with orange and pink coolants. Will not change the color of coolant)</b>	Green	1 oz per 6 gallons	1 oz (4927)	6
4928	Radiator coolant dye	Green	1 oz per 4 gallons	1 oz (4928)	6
4929	Radiator coolant dye	Green	1 oz per 4 gallons	8 oz (4929)	4

**Caution: DO NOT use any of the above dyes in brake fluid systems.**



# Leak Detection Accessories

## Electronic Leak Detector

**Part # 5110**

- Detects all CFC, HFC, HCFC and new HFO refrigerants
- Automatic calibration
- Mechanical pump design
- 3 Sensitivity levels
- Low battery indicator
- 4 AA batteries included
- Made in USA
- Compliant with SAE J2791, SAE J1627, and EN14624
- Return and repair warranty



## Deluxe Electronic Leak Detector

**Part # 5120**

- Detects all CFC, HFC, HCFC and new HFO refrigerants
- Heated sensor technology
- Automatic calibration
- 3 Sensitivity levels
- Digital leak size alarm & indicator
- 4 AA batteries included
- Made in USA
- Compliant with SAE J2791, SAE J1627, and EN14624
- Hard blow molded case included
- Return and repair warranty



## Fluorescent Dye Kit

**Part # 4971**

- Kit contains everything necessary to perform leak detection on all A/C systems, engine oil systems, fuel systems, transmission and coolant systems.



Kit Contains:

Qty	Part #	Description
1	2730	R-12 & R-134a hand turn dye injector
12	4914	1/4 oz universal A/C dye
12	4915	Dye installed labels
3	4923	1oz motor oil, fuel, transmission dye
3	4928	1oz coolant dye
1	4958	UV safety goggles
1	4966	LED blue light
1		Carrying case

## Slim Design LED Blue Light for UV Leak Detection

**Part # 4967**

- Compact - high intensity LED
- Wrist strap included
- 3 AAA batteries included



## Adjustable Focus LED Blue Light with Strobe Effect

**Part # 4966**

- Super bright LED with adjusting focus point
- ON/OFF strobe effect - easier to pinpoint leaks
- Wrist strap included
- 3 AAA batteries included



## UV Dye Kit

**Part # 4972**



Kit Contains:

Qty	Part #	Description
1	4967	UV light
1	2730	Injector
1	4910	A/C dye 1 oz
1	4923	1oz motor oil
1	4928	1oz coolant dye
1	4958	UV safety goggles

## HD Fluorescent Dye Kit

**Part # 4982**

- Kit contains everything necessary to perform leak detection on all A/C systems, engine oil systems, fuel systems, transmission and coolant systems.



Kit Contains:

Qty	Part #	Description
1	2730	R-12 & R-134a hand turn dye injector
12	4914	1/4 oz universal A/C dye
12	4915	Dye Installed labels
1	4924	8oz motor oil, fuel, transmission dye
1	4929	8oz coolant dye
1	4958	UV safety goggles
1	4966	LED blue light
1		Carrying case

# Leak Detection Accessories



## Fluorescent Leak Detection Light

12V Leak Detection UV/Blue Light

### Part # 4965

- High intensity 12 volt UV lamp.
- Instant on and off.
- Long cord for easy access.
- Detects all dyes.
- UV safety glasses included.



Part # 4947 - Replacement bulb

Part # 4949 - Replacement lenses

## R-134a DyeCharge™

### Part # 4921

- Fluorescent dye R-134a for A/C systems.
- R-134a pressurized.
- Single use can.
- 4 ounces.
- Use Part # 4960 dye injector to install.



## FJC Hand Turn Dye Injector

### Part # 2730



- Inject 1/4 to 1/2 ounce of fluorescent dye into a R-12 or R-134a A/C system under pressure.
- Refillable

Part # 2737 Injector replacement o-ring

Part # 6074 Coupler o-ring repair kit

## Rechargeable LED UV Leak Detection Light

### Part # 4963

- Fluoresces all UV dye.
- Provides hours of use on a single charge.
- Detects all dyes.
- Charger Included.



## Dye Injector for FJC DyeCharge™

### Part # 4960

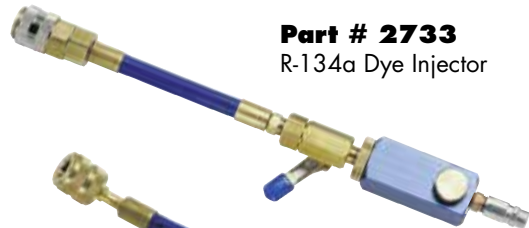
- Easy and quick method of injecting FJC DyeCharge™ into a pressurized R-134a A/C system.
- Anti-blowback design
- For use with Part # 4921



## A/C Dye Injectors

### Part # 2733

R-134a Dye Injector



### Part # 2728

R-12 Dye Injector



- Refillable
- Inject 1/4 ounce of fluorescent dye into an A/C system under pressure or during service.

Part # 2735 Replacement o-ring

## Fluorescent "Dye Installed" Decals

### Part # 4915-100

- Place on vehicle when installing fluorescent A/C Dye.
- 100 peel and stick decals.



## UV Safety Glasses

### Part # 4958

- Enhances dye making leak detection easier.
- Blocks harmful UV rays.



## FJC DyeFree™ Fluorescent Dye Cleaner

### Part # 4946

- Removes fluorescent leak detection dye from areas where leaks are found and repaired.
- Convenient 32 ounce spray bottle.





# Manifold Gauge Sets with Case

## Heavy Duty R-134a Aluminum Manifold Gauge Set with 10ft Charging Hoses

### Part # 6799

- Extra large 80mm dials
- 10 ft red & blue hose & 8 ft yellow hose
- Manual couplers



Part # 6134 diaphragm repair kit

## R-134a/R-12 Dual Aluminum Manifold Gauge Set

### Part # 6698

- R-134a tank adapter
- Manual couplers



Part # 6134 diaphragm repair kit  
Part # 6139 replacement lenses

## R-1234yf Aluminum Manifold Gauge Set

### Part # 6850

- 72" charging hoses
- Manual couplers



## R-1234yf/R-134a Aluminum Dual Manifold Gauge Set

### Part # 6855

- 72" charging hoses
- Manual couplers and hose adapters



## R-134a Aluminum Manifold Gauge Set

### Part # 6766P

- 72" charging hoses
- Manual couplers



Part # 6134 diaphragm repair kit  
Part # 6139 replacement lenses

## Professional Series R-134a/R-12 Dual Aluminum Manifold Gauge Set

### Part # 6750

- Low permeation 72" charging hose set
- R-134a tank adaptor
- Manual couplers



Part # 6139 replacement lenses  
Part # 6365 replacement 72" charging hose

## R-134a Aluminum Manifold Gauge Set and Tool Assortment

### Part # 6785

- 72" charging hoses
- Manual couplers
- Includes valve core tool, R-134a can tap, 1" or 1 3/4" pocket thermometer



Part # 6134 diaphragm repair kit

## R-134a Brass Manifold Gauge Set

### Part # 6725

- 72" charging hoses
- Manual couplers



# R-134a Manifold Gauge Sets



## R-134a Aluminum Block Manifold Gauge Sets

- Aluminum block design with sight glass.
- Available with different lengths of hoses & couplers.
- Anti-flutter design gauges.
- Additional access port.
- Attractive clamshell packaging.



	Hose Set Length	With Quick Couplers	With Manual Couplers
Standard hose	36"	6760	6765
Standard hose	72"	6761	6766
Standard hose	96"	6763	6768
<b>Part # 6752</b> Aluminum manifold block with gauges only no hoses & no couplers			



Part # 6134 diaphragm repair kit

## R-134a Brass Manifold Gauge Sets

- Anti-flutter design gauges.
- Available with different lengths of hoses & couplers.
- Attractive clamshell packaging.

Standard hose  
Standard hose  
Standard hose

Hose Set Length	With Quick Couplers	With Manual Couplers
36"	6714	
72"	6715	6721
96"	6717	
<b>Part # 6701</b> Brass manifold block with gauges only no hoses & no couplers		



## Aluminum Dual Manifold Gauge Set

### Part # 6697

- For use with R-134a, R-12, and R-22.
- Complete with 72" hose set.
- R-134a quick couplers included.
- Attractive clamshell packaging.



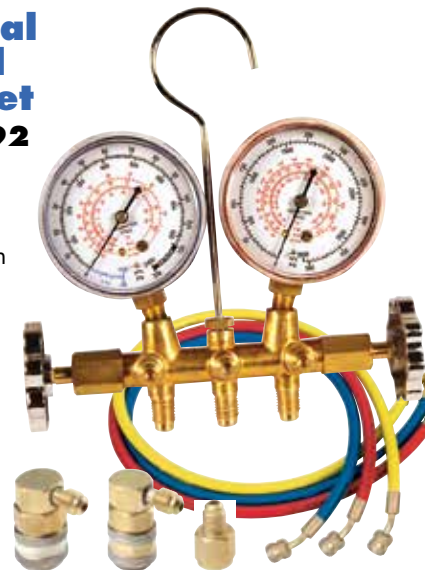
Part # 6134 diaphragm repair kit



## Brass Dual Manifold Gauge Set

### Part # 6692

- For use with R-134a, R-12 and R-22.
- Complete with 72" hose set.
- R-134a quick couplers included.
- Attractive clamshell packaging.





# R-12 Manifold Gauge Sets

## R-12 Brass Manifold Gauge Sets

- Anti-flutter design gauges.
- Available with different lengths of hoses.
- Professional quality.



Part # 6139 Replacement lenses  
Part # 6141 Replacement metal handle set

Hose Set Length	Standard Hose
36"	6603
72"	6607
96"	6609

## FJC Mineral Oil

Part # 2205 (quart)

- For use in R-12 automotive A/C systems.
- 525 viscosity



## Rubber Gauge Protector



- Protects gauge if dropped
- Fits 2-1/2" gauge

Part # 6144 (set of 1 each)  
Part # 6150 80mm gauge (set of 1 each)  
Note: Gauges not included

## R-12, R-134a and R-1234yf Replacement Gauges



Part # 6831  
R-1234yf high side gauge



Part # 6832  
R-1234yf low side gauge



Dual Gauges  
(2.5")



Part # 6127 R-134/R-12/R-22 high side gauge  
Part # 6128 R-134/R-12/R-22 low side gauge



Part # 6135  
R-134a high side gauge



Part # 6136  
R-134a low side gauge



Part # 6132  
R-134a high side gauge

R-134a  
80 mm  
(3.15")



Part # 6133  
R-134a low side gauge



Part # 6095  
R-12 high side gauge

R-12  
(2.5")



Part # 6096  
R-12 low side gauge

# R-134a Service Couplers



## 14mm x 1.5mm R-134a Service Couplers

### 90° R-134a Manual Coupler

#### High Side

Part # 6001



- 14mm x 1.5mm hose connection.
- Replacement Coupler for all R-134a manifold gauge sets.

#### Low Side

Part # 6002



### 90° R-134a Quick Coupler

#### High Side

Part # 6005



- 14mm x 1.5mm hose connection.
- Anti-blowback
- Replacement coupler for all R-134a manifold gauge sets.

#### Low Side

Part # 6006



### Straight R-134a Quick Coupler

#### High Side

Part # 6007



- 14mm x 1.5mm hose connection.
- Anti-blowback
- Replacement coupler for all R-134a manifold gauge sets.

#### Low Side

Part # 6008



### 1/4" R-134a Manual Service Couplers

### 90° R-134a Manual Coupler

#### High Side

Part # 6003



- 1/4" hose connection
- Use when converting R-12 gauge set to R-134a

#### Low Side

Part # 6004



### 1/4" R-134a Quick Service Couplers

### 90° R-134a Quick Coupler

#### High Side

Part # 6009



- 1/4" hose connection
- Use when converting R-12 gauge set to R-134a.
- Anti-blowback

(For use with R-12 hoses)

#### Low Side

Part # 6010



## Coupler Sets

### 90° R-134a Manual Coupler



High Side  
# 6001

Low Side  
# 6002

#### Part # 6011

- Set of #6001 and #6002
- R-134a manual coupler.
- 14mm x 1.5mm hose connection.
- Replacement coupler for all R-134a manifold gauge sets.

### 90° R-134a Quick Coupler



# 6005

# 6006

#### Part # 6012

- Set of #6005 and #6006
- 14mm x 1.5mm hose connection.
- Anti-blowback
- Replacement coupler for all R-134a manifold gauge sets.

### Straight R-134a Quick Coupler



# 6007

# 6008

#### Part # 6013

- Set of #6007 and #6008
- 14mm x 1.5mm hose connection.
- Anti-blowback
- Straight R-134a quick coupler
- Replacement coupler for all R-134a manifold gauge sets.

### R-134a Manual Coupler 90° R-134a Manual Coupler



High Side  
# 6003

Low Side  
# 6004

#### Part # 6026

- Set of #6003 and #6004
- 1/4" hose connection
- Use when converting R-12 gauge set to R-134a

R-134a Service Couplers



# Conversion Products R-12/R-134a/R-1234yf

## Manual Coupler Manifold Gauge Set Conversion Kit



**Part # 6021**

- Converts R-12 gauges to R-134a gauges.
- Contains manual R-134a couplers and adapters for R-134a refrigerant tank.

*Kit contains:	
1 each	<b>Part # 6001</b>
1 each	<b>Part # 6002</b>
1 each	<b>Part # 6015</b>
2 each	<b>Part # 6018</b>

Coupler repair kit - Part # **4211** for high side coupler  
 Coupler repair kit - Part # **4218** for low side coupler

## Quick Coupler Manifold Gauge Set Conversion Kit



**Part # 6025**

*Kit contains:	
1 each	<b>Part # 6009</b>
1 each	<b>Part # 6010</b>
1 each	<b>Part # 6015</b>

- Converts R-12 gauges to R-134a gauges.
- Contains R-134a 90° quick couplers and adapter for R-134a refrigerant tank.
- Anti-blowback

Coupler repair kit - Part # **6073** for high side coupler  
 Coupler repair kit - Part # **6074** for low side coupler

## R-1234yf Manifold Gauge Set Conversion Kit, Couplers & Fittings

R-1234yf High side Manual Coupler with M12 Female Hose Fitting



**Part # 6801**

R-1234yf Low Side Manual Coupler with M12 Female Hose Fitting



**Part # 6802**

R-1234yf Coupler to 1/4" Hose Adapter

**Part # 6826**



R-1234yf Coupler to R-134a Hose Adapter

**Part # 6827**



R-134a/R-12 Hose End to R-1234yf Cylinder Fitting

**Part # 6828**

- Fitting 1 = 1/4" SAE male x 1/2" ACME female LH thread
- Fitting 2 = 1/2" ACME male x 1/2" ACME LH thread female
- Connects R-12 & R-134a yellow manifold supply hose to R-1234yf refrigerant tank



R-1234yf Hose End to R-134a Vacuum Pump

**Part # 6829**

- 1/4" SAE female x 1/2" ACME male LH thread
- Connects R-1234yf yellow hose to R-134a vacuum pump



R-134a/R-12 Manifold Gauge Conversion Kit to R-1234yf with Manual Couplers

**Part # 6820**



**Part # 6802**

**Part # 6801**

**Part # 6826**

**Part # 6821**

**Part # 6822**

**Part # 6827**

## R-134a Adapters

### Vacuum Pump Adapter

- 1/4" flare female x 1/2" ACME male. **Part # 6014**
  - Connects 1/2" ACME R-134a hose to 1/4" service port on vacuum pump.
- Replacement seal - Part # 6051



### R-134a Refrigerant Tank Adapter

- 1/2" ACME female x 1/4" male flare. **Part # 6015**
  - Connects R-12 hose to R-134a refrigerant tank.
- Replacement seal - Part # 6052



### R-134a Coupler to R-12 Hose Adapter

- 14mm x 1.5mm x 1/4" male flare. **Part # 6018**
  - Connects R-12 hose to 14mm x 1.5mm R-134a service coupler.
- Replacement o-ring - Part # 4008



### R-134a Tank Adapter

- Reclaim all refrigerant from R-134a cylinders. **Part # 6016**
- Attaches to tank and low side service coupler.



### R-134a Manifold/Hose Adapter Assortment

- Common adapter fittings for hoses on R-134a manifold gauge sets

*Kit Contains:	
1 each <b>Part # 6014</b>	2 each <b>Part # 6018</b>
1 each <b>Part # 6015</b>	1 each <b>Part # 6019</b>
1 each <b>Part # 6016</b>	1 each <b>Part # 6038</b>
2 each <b>Part # 6017</b>	



### R-134a Manifold Coupler and Fitting Assortment

**Part # 6075**

Replacement R-134a service couplers, service coupler replacement o-rings, fittings, thermometer, and nylon o-ring pick



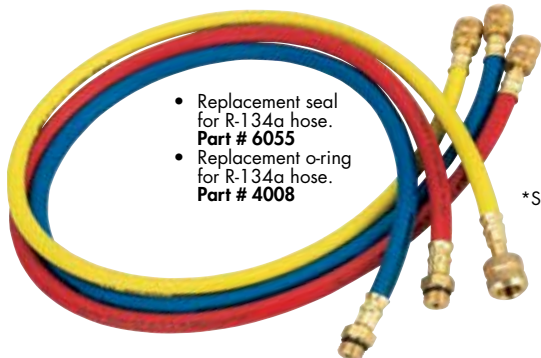
R-12/R-134a/R-1234yf Conversion Products



# Refrigerant Charging Hoses



## R-134a Charging Hose



- Replacement seal for R-134a hose. **Part # 6055**
- Replacement o-ring for R-134a hose. **Part # 4008**

- Premium nylon barrier hose.
- 1/2" ACME x 14mm x 1.5mm – red, blue
- 1/2" ACME x 1/2" ACME – yellow hose with anti-blowback

Hose Color	Hose Length			
	36"	72"	96"	120"
Red	6413	6417	6419	6421
Yellow	6423	6427	6429	
Blue	6433	6437	6439	6441
*Set - RYB	6453	6457	6459	

\*Set includes one each: red, yellow, and blue hose

- Standard hose
- 1/2" ACME x 14mm x 1.5mm – red, blue
- 1/2" ACME x 1/2" ACME – yellow w/o anti-blowback

Hose Color	Hose Length		
	36"	72"	96"
Red	6513	6517	6519
Yellow	6523	6527	6529
Blue	6533	6537	6539
*Set - RYB	6553	6557	6559

\*Set includes one each: red, yellow, and blue hose

## R-134a Hose Connectors



### Part # 6017

- Connects red or blue R-134a hoses where extra length is needed.
- 1/2" ACME male x 14mm x 1.5mm female



### Part # 6019

- Connects yellow R-134a hoses where extra length is needed.
- 1/2" ACME male x 1/2" ACME male



### Part # 6038

- Prevents refrigerant loss from yellow hose when disconnecting from R-134a tank.
- 1/2" ACME Male x 1/2" ACME female

## Premium R-134a 10 ft. Charging Hose Set with Manual Couplers



### Part # 6448

- Red and blue hose set with manual couplers.
- 10 ft. hoses

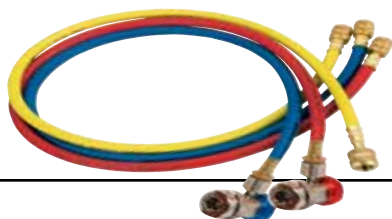
## Premium R-134a 10 ft. Charging Hose Set with Quick Couplers



### Part # 6447

- Red and blue hose set with quick couplers.
- 10 ft. hoses

## R-134a 72" Red, Blue & Yellow Charging Hose Set with Manual Couplers



### Part # 6450

- Red, yellow and blue hose set with manual couplers.

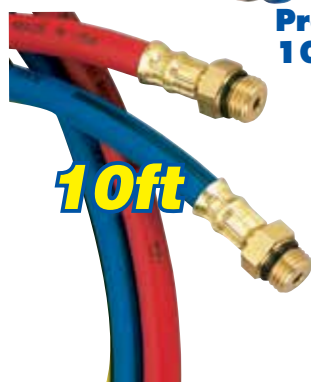
## R-134a 72" Red, Blue & Yellow Charging Hose Set with Quick Couplers



### Part # 6449

- Red, yellow and blue hose set with quick couplers.

## Premium R-134a 10 ft Charging Hoses



Hose Color	Hose Length 10"
Red	6421
Blue	6441
Red & Blue	6445

- Ideal for in field service or replacement on recovery machines.



## R-1234yf 72" Charging Hoses



Hose Color	Hose Length 72"
Red	6876
Yellow	6877
Blue	6878

## R-12 Charging Hose

- Standard hose
- 1/4" x 1/4" fittings

Hose Color	Hose Length	
	36"	72"
Red	6313	6317
Yellow	6323	6327
Blue	6333	6337
*Set - RYB	6353	6357
Black		6365





# R-12 Accessories

## Depressors & Seals



### Charging Hose Seal & Depressor Assortment

**Part # 6070**

- 8 part numbers
- 50 pieces
- Repair parts for most major brands of charging hoses.

### R-134a Hose Set Seal Repair Kit

**Part # 6069**

- Kit contains:
- |             |       |
|-------------|-------|
| Part # 4008 | 2 pcs |
| Part # 6050 | 4 pcs |
| Part # 6055 | 4 pcs |



### R-12 Adapters with Valve Core

**Part # 6091**

(90° - 1/4" x 1/4")



Replacement seal  
**Part # 6050**

**Part # 6092**

(90° - 1/4" x 3/16")



Replacement seal  
**Part # 6047**

**Part # 6097**

1/4" male x 1/4" male



Connects  
R-12/R-22 hoses  
together

### R-134a to R-12 Conversion Hoses

**Part # 6080 - Set of 3 conversion hoses**

- Eliminates the need for multiple manifold gauge sets.
- Save on unnecessary equipment cost.

Directions:

1. Remove the R-134a couplers on the red and blue R-134a hoses.
2. Replace with the red and blue FJC conversion hoses with 1/4" fittings.
3. Attach the yellow conversion hose to end of the R-134a yellow hose on the R-134a manifold.

### R-12 Manual Shutoff Valves

**Part # 6087** (red)

12" hose & manual shutoff valve



**Part # 6089** (blue)

12" hose & manual shutoff valve



**Part # 6088** (yellow)

12" hose & manual shutoff valve



**Part # 6081**

**Part # 6082**

**Part # 6083**





## Pro-Charge Electronic Scale



### Part # 2850

### Heavy Duty Diecast Aluminum Refrigerant Scale

- ABS carrying case.
- 9" x 9" Platform.
- 175 Pound capacity (80 kg).
- Accurate to +/- 1/2 oz. or .5% of total weight, whichever is greater.
- Bubble key pad
- 15 minute auto shut-off feature.
- Extra large LCD display lbs./oz./kg
- 9V battery included.



**Note: Remove scale from case as shown above before using.**

### Refrigerant-Cylinder Heater Blanket

#### Part # 2855



- 110 volt AC
- Helps to accelerate charging when using a 30 lb. or 50 lb. cylinder in cooler weather
- 300 watt element

\* Refrigerant tank not included





# Vacuum Pumps

*FJC Combines New Advanced Technology with Dependable Performance...*



**Part # 6900**

- 1.3 cfm
- 90 psi minimum air pressure required.



**Part # 6905**

1.5 cfm



**Part # 6909**

3.0 cfm

Two Stage Performance Using Twin-Port Technology.™

Lightning Fast Design Removes Moisture and Non-Condensable Gases that Can Destroy Any A/C or Refrigeration System.

Lightweight Durable Construction for Easy Handling and Long-Life Use.

Tested-Proven-Reliable.



**Part # 6912**

5.0 cfm



**Part # 6916**

7.0 cfm



**Part # 6925**

5.0 cfm  
2 Stage



**Part # 6930**

**R-1234yf/R-134a 5cfm Vacuum Pump**

- Spark proof series manufactured with spark free components.
- Large oil level sight glass with max/min level indicator.
- Cooling fins to keep temperature cooler during extended operation.
- High volume fan provides cool air to motor and pump.
- Supplied with 2 ports: 1/2" ACME for use with R-134a and 1/2" ACME LH thread for use with R-1234yf systems.
- Thermally protected motor with on/off rocker switch.
- Easily accessible oil drain valve.
- Due to the spark proof construction, it is safe to use as a replacement pump for recovery machines.

Part#	Repair Items
6951	1/4" SAE cap with strap
6952	1/2" ACME cap with strap
6953	"T" fitting with caps
6954	oil fill cap
6956	switch - red
6957	switch - black
6959	exhaust port
6960	capacitor switch cover
6961	Fan blade

Part#	CFM	Fitting Size	Voltage	Motor	Motor RPM	Oil Cap. Oz	Weight lbs.
6900	1.3	1/4" M.F. x 1/2" ACME	-	-	-	-	2.0
6905	1.5	1/4" M.F. x 1/2" ACME	115V, 60 HZ	1/6 HP	1725	6.0	13.9
6909	3.0	1/4" M.F. x 1/2" ACME	115V, 60 HZ	1/3 HP	1725	12.0	17.4
6912	5.0	1/4" M.F. x 1/2" ACME	115V, 60 HZ	1/3 HP	1725	12.0	22.4
6916	7.0	1/4" M.F. x 1/2" ACME	115V, 60 HZ	3/4 HP	1725	17.0	27.7
6925	5.0 2-stage	1/4" M.F. x 1/2" ACME	115V, 60 HZ	1/2 HP	1725	12.0	25.8
6930	5.0 1-stage	1/4" M.F. x 1/2" ACME LH	115V, 60 HZ	1/3 HP	1725	12.0	22.4

Vacuum Pumps

# Vacuum Pump & R-134a Manifold Gauge Set Assortments



## Vacuum Pump and R-134a Manifold Gauge Set Assortment

### Part # 9281

**Kit Contains:**  
 1 Part # 6715  
 1 Part # 6909



## Vacuum Pump, R-134a Manifold Gauge Set and Installer Assortment

### Part # 9282



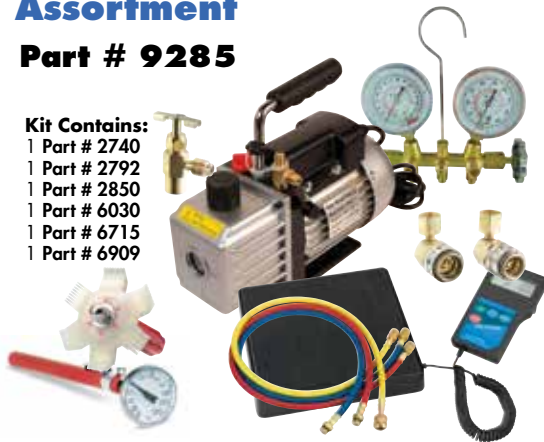
**Kit Contains:**

1 Part # 2740	1 Part # 2884	1 Part # 6016	5 Part # 6055
1 Part # 2744	1 Part # 2885	2 Part # 6017	5 Part # 6061
1 Part # 2745	10 Part # 4008	2 Part # 6018	1 Part # 6715
1 Part # 2792	1 Part # 4278	1 Part # 6019	1 Part # 6909
1 Part # 2882	1 Part # 6014	1 Part # 6030	
1 Part # 2883	1 Part # 6015	1 Part # 6038	

## Vacuum Pump and R-134a Manifold Gauge Set and Electronic Scale Assortment

### Part # 9285

**Kit Contains:**  
 1 Part # 2740  
 1 Part # 2792  
 1 Part # 2850  
 1 Part # 6030  
 1 Part # 6715  
 1 Part # 6909



## Vacuum Pump, R-134a Manifold Gauge Set, Electronic Scale and Installer Assortment

### Part # 9287



**Kit Contains:**

1 Part # 2734	1 Part # 2882	1 Part # 6014	1 Part # 6030
1 Part # 2740	1 Part # 2883	1 Part # 6015	1 Part # 6038
1 Part # 2744	1 Part # 2884	1 Part # 6016	5 Part # 6055
1 Part # 2745	1 Part # 2885	2 Part # 6017	5 Part # 6061
1 Part # 2792	10 Part # 4008	2 Part # 6018	1 Part # 6715
1 Part # 2850	1 Part # 4278	1 Part # 6019	1 Part # 6909

## Heavy Duty R-134a Manifold Gauge Set with 10ft Charging Hoses & 5 cfm Vacuum Pump

### Part # 9270

**Kit Contains:**  
 1 Part # 6912  
 1 Part # 6799



5.0 cfm

## Heavy Duty R-134a Manifold Gauge Set with 10ft Charging Hoses & 7 cfm Vacuum Pump

### Part # 9271

**Kit Contains:**  
 1 Part # 6916  
 1 Part # 6799



7.0 cfm



# FJC Merchandising Displays

## 3 foot Endcap Assortment

Part # 9203



Assortment Includes

Products, planogram, hooks, re-order cards, and header.

Assortments do not include endcap or the gondola furniture.

## 4 foot Gondola Assortment

Part # 9204



- |               |               |                |
|---------------|---------------|----------------|
| 3 Part # 501  | 2 Part # 2790 | 1 Part # 6715  |
| 3 Part # 525  | 2 Part # 2792 | 1 Part # 6820  |
| 3 Part # 528  | 1 Part # 2800 | 2 Part # 6840  |
| 3 Part # 533  | 1 Part # 4895 | 2 Part # 6842  |
| 3 Part # 536  | 3 Part # 4921 | 2 Part # 6845  |
| 3 Part # 618  | 2 Part # 5909 | 3 Part # 9140  |
| 3 Part # 623  | 2 Part # 5914 | 3 Part # 9142  |
| 3 Part # 675  | 2 Part # 5915 | 3 Part # 9143  |
| 3 Part # 677  | 2 Part # 6011 | 3 Part # 9144  |
| 3 Part # 685  | 2 Part # 6012 | 3 Part # 9145  |
| 1 Part # 703  | 2 Part # 6025 | 3 Part # 9147  |
| 3 Part # 2407 | 2 Part # 6030 | 3 Part # 9165  |
| 3 Part # 2408 | 2 Part # 6035 | 2 Part # 4914D |
| 3 Part # 2458 | 2 Part # 6036 | 2 Part # 4923D |
| 3 Part # 2468 | 2 Part # 6040 | 2 Part # 6814D |
| 2 Part # 2740 | 1 Part # 6517 |                |
| 2 Part # 2744 | 1 Part # 6527 |                |
| 2 Part # 2745 | 1 Part # 6537 |                |

- |               |               |               |                |
|---------------|---------------|---------------|----------------|
| 3 Part # 501  | 3 Part # 2468 | 2 Part # 6011 | 2 Part # 6845  |
| 3 Part # 525  | 3 Part # 2484 | 2 Part # 6012 | 2 Part # 6846  |
| 3 Part # 528  | 3 Part # 2484 | 2 Part # 6025 | 4 Part # 9140  |
| 3 Part # 533  | 3 Part # 2490 | 2 Part # 6030 | 3 Part # 9142  |
| 3 Part # 536  | 2 Part # 2740 | 2 Part # 6035 | 3 Part # 9143  |
| 3 Part # 618  | 2 Part # 2744 | 2 Part # 6036 | 3 Part # 9144  |
| 3 Part # 623  | 2 Part # 2745 | 2 Part # 6040 | 4 Part # 9145  |
| 3 Part # 675  | 2 Part # 2790 | 2 Part # 6042 | 4 Part # 9147  |
| 3 Part # 677  | 2 Part # 2792 | 1 Part # 6517 | 4 Part # 9165  |
| 3 Part # 685  | 1 Part # 2800 | 1 Part # 6527 | 2 Part # 4914D |
| 1 Part # 703  | 1 Part # 4895 | 1 Part # 6537 | 2 Part # 4923D |
| 3 Part # 2202 | 2 Part # 4897 | 1 Part # 6761 | 2 Part # 6714D |
| 3 Part # 2407 | 3 Part # 4921 | 1 Part # 6820 |                |
| 3 Part # 2408 | 4 Part # 5909 | 2 Part # 6829 |                |
| 3 Part # 2450 | 4 Part # 5914 | 2 Part # 6840 |                |
| 3 Part # 2458 | 4 Part # 5915 | 2 Part # 6842 |                |

## Refrigerant Products 3 Foot Shelf Display Assortment

Part # 9205



- |              |               |
|--------------|---------------|
| 3 Part # 501 | 3 Part # 618  |
| 3 Part # 525 | 3 Part # 623  |
| 3 Part # 528 | 3 Part # 675  |
| 3 Part # 533 | 3 Part # 685  |
| 3 Part # 536 | 3 Part # 9165 |

## Refrigerant Products 4 Foot Shelf Display Assortment

Part # 9206



- |              |               |
|--------------|---------------|
| 3 Part # 501 | 3 Part # 685  |
| 3 Part # 525 | 3 Part # 9140 |
| 3 Part # 528 | 3 Part # 9142 |
| 3 Part # 533 | 3 Part # 9143 |
| 3 Part # 536 | 3 Part # 9144 |
| 3 Part # 618 | 3 Part # 9145 |
| 3 Part # 623 | 3 Part # 9147 |
| 3 Part # 675 | 3 Part # 9165 |
| 3 Part # 677 |               |

Merchandising Displays

# Recovery Equipment Products



<p><b>Part # 6990</b></p>  <p>10" total length 3/8" x 3/8" flare inlet &amp; outlet</p>	<p><b>Part # 6991</b></p>  <p>9-3/4" total length For use with Snap-On Inc. or Sun Recovery machines using a 302V filter. 1/4" x 1/4" Flare inlet &amp; outlet</p>	<p><b>Part # 6992</b></p>  <p>10" total length 1/2" x 1/2" flare inlet &amp; outlet</p>	
--	---	---	---

<p><b>Part # 6994</b></p>  <p>10" total length 3/8" x 3/8" flare inlet &amp; outlet</p>	<p><b>Part # 6998</b></p>  <p>Spin on style filter</p>
--	--

## Recovery Equipment Flush Part # 2130

- Designed to remove harmful leak stop agents or contaminants that can damage recovery equipment.



FJC Part #	Mastercool™ Part #	Robinair™ Part #	Viper Part #
6990		34430	
6994	62303		315-027-100/6064
6998		See Below	

## One of the Most Popular Refrigerant Recovery Machine Filters in Use Today

### Part # 6998

- A filter is NOT intended for use with Robinair™ refrigerant recovery machines that require a reset code after a filter replacement. See chart below for recovery units with this filter.



### Fits the Following Robinair™ A/C Recovery Machine Models Shown Below:

17700A	34300-2K	34800
17700Z	34700	34800-2K
17700-2K	34700Z	34801-2K
34134A	34700-2K	34900
34234	34711-2K	342000

Recovery Equipment Products



# A/C Tools

## Condenser and Evaporator Thread Chasers

- NOT for use with stainless steel material
- Repairs internal & external threads
- Repairs damaged threads on condensers, accumulators, evaporators and hose assemblies.
- Coverage for domestic and import vehicles.

## SAE Thread Chasers

**Part # 2754**

Sizes included:  
 5/8"-18      1"-14  
 3/4"-16      1-1/16"-14  
 7/8"-14



## Metric Thread Chasers

**Part # 2755**

Sizes included:  
 M14 x 1.5mm      M22 x 1.5mm  
 M16 x 1.5mm      M24 x 1.5mm  
 M18 x 1.5mm      M27 x 2.0mm  
 M20 x 1.5mm      M28 x 1.5mm



## Serpentine Belt Tool Kit

**Part # 7975**

- Includes:
- 13mm, 14mm, 15mm, 16mm, and 18mm sockets.
  - 13mm, 15mm, 16mm sockets for use with handle and extensions.
  - 13mm, 14mm, and 15mm Crowfoot Wrenches.
  - 3/8" and 1/2" square drive socket.
  - 1 Pull handle and 2 extensions.

Kit is used for installing and removing serpentine belts on most GM, Ford and Chrysler vehicles.



## Compressor Clutch Hub Puller Installer Kit

- Use with GM, Ford, Chrysler and Imports.
- Compressor guide included.
- Molded storage case.

**Part # 2925**



Compressor Manufacturer	Remover	Installer
Harrison GM DA-6, HR-6, V5	2936 nut & arbor	2952 nut & bearing 2956 arbor (do not use washer)
A-6 & earlier R4	2931 nut & arbor	2952 nut & bearing 2958 arbor
R4	2931 nut 2937 arbor	2952 nut & bearing 2956 arbor (do not use washer)
Nippondenso Ford / Chrysler A590, C171 & FS-6	2939 nut 2936 arbor	2952 nut & arbor (use washer)
FS-6 w/ special 24mm x 2.0	2939 nut & arbor	2952 nut & arbor (use washer)
New style	2931 nut & arbor	2952 nut & arbor (use washer)
Sanden	2941 puller plate & arbor	
York/Tecumseh HR980	2939 nut 2936 arbor	2952 nut & arbor (use washer)
Zexel/Mitsubishi CH series	2943 arbor 2941 puller plate	







## Master Seal Service Tool Kit

**Part # 7600**

- Includes tools to service shaft seals on most popular compressors.



## GM DA6 Carbon Shaft Seal Tool Kit

**Part # 7611**

- For use in changing carbon shaft seals in DA6 compressors.



## Ford FS6, Chrysler C171 and Nippondenso 6P Shaft Seal Tool Kit

**Part # 7612**



## Sanden Shaft Seal Tool Kit

**Part # 7615**

- Includes tools to service shaft seals on Sanden SD507, 508 and 510 compressors.



## Sanden Shaft Seal Tool Kit

**Part # 7616**

- Includes tools to service shaft seals on Sanden 505 and 575 compressors.



## Diesel Kiki Shaft Seal Tool Kit

**Part # 7617**



## Hitachi & Mitsubishi Shaft Seal Tool Kit

**Part # 7618**



## Nippondenso 10PA Shaft Seal Tool Kit

**Part # 7619**



## Chrysler 6C17 Shaft Seal Tool Kit

**Part # 7620**



# FJC

**Air Conditioning Products**



# A/C Tools

## Ford FX15/ FS10 Shaft Seal Tool Kit Part # 7621



## GM Metric Clutch Remover/Installer Tool Part # 7635

- For servicing GM compressors using metric threads.



## Universal Compressor Clutch Holding Tool Part # 2910

### Part # 2910

- Holds Compressor Clutch Hub during Removal/Installation.



## Snap Ring Pliers Part # 7696

### Part # 7696



External

Internal

### Part # 7697

## GM A6 Compressor Clutch Installer/ Remover Tool Part # 7634

### Part # 7634

- For servicing A6 GM compressors using standard threads.



## Compressor Clutch Puller Kit Part # 7510

### Part # 7510

- Safely remove and install compressor clutches on most vehicles.
- Molded case included.



Replacement Parts	
Part #	Description
7530	Universal puller body
7534	Puller arbor
7537	Universal clutch puller jaws
7732	Universal pilot

## Master Compressor Clutch Puller Kit Part # 7500

### Part # 7500

- Essential kit for safely removing and installing compressor clutches.
- Coverage for domestic and import vehicles.
- Molded case included.



Replacement Parts	
Part #	Description
7530	Universal puller body
7534	Puller arbor
7537	Universal clutch puller jaws
7538	Clutch puller jaws
7540	GM DA6 & V5 clutch puller jaws
7542	GM R4 clutch puller jaws
7544	Sanden 505 pulley and clutch jaws
7743	Sanden pulley and clutch remover jaws
7725	GM A6 & V5 clutch puller jaws
7728	Diesel Kiki shaft protector pilot
7732	Universal pilot
7735	Nippondenso shaft protector



## A/C Oil & Dye Injector Tools

### R-12 Dye Injector

**Part # 2728**



- Inject 1/4 ounce of fluorescent dye into an A/C system under pressure or during service.

### R-134a Dye Injector

**Part # 2733**



- Inject 1/4 ounce of fluorescent dye into an A/C system under pressure or during service.

### R-12 A/C Oil Injector

**Part # 2729**

- Use injector to add 2 oz. of oil to a R-12 air conditioning system under pressure or during service.

**Part # 2726**  
(replacement hose  
R-12 injector)

**Part # 2736**  
(replacement o-ring)



### R-134a A/C Oil Injector

**Part # 2734**

- Use injector to add 2 oz. of oil to an R-134a air conditioning system under pressure or during service.

**Part # 2727**  
(replacement hose  
R-134a injector)

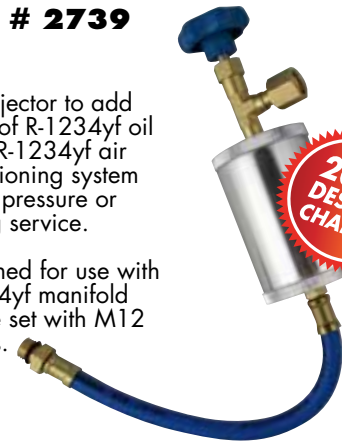
**Part # 2736**  
(replacement o-ring)



### R-1234yf A/C Oil Injector

**Part # 2739**

- Use injector to add 2 oz. of R-1234yf oil to an R-1234yf air conditioning system under pressure or during service.
- Designed for use with R-1234yf manifold gauge set with M12 fittings.



**Part # 2730**



### Hand Turn Dye Injector



- Inject 1/4 to 1/2 ounce of fluorescent dye into a R-12 or R-134a A/C system under pressure.

**Part # 2737** (Injector replacement o-ring)  
**Part # 6074** (Coupler o-ring repair kit)

### R-1234yf Injector 2 oz. Hand turn Oil and Dye Injector

**Part # 2724**

- 2 oz. refillable R-1234yf oil and dye injector.
- Add oil and dye without adding R-1234yf refrigerant.



### R-134a Flow Through Oil Injector

**Part # 2738**

- 2 oz. refillable R-134a oil injector.
- Connects between charging hose and vehicle service port.
- Add oil into the system while under pressure or vacuum.

**Part # 2736** (replacement o-ring)  
**Part # 2602** (replacement male service end)



### R-134a/R-12 Injector - 2 oz. Hand turn Oil and Dye Injector

**Part # 2732**

- 2 oz. refillable R-134a/R-12 oil and UV dye injector.
- Add oil or UV dye to system without adding refrigerant.





# A/C Tools

## Universal Compressor Clutch Holding Tool



- Holds compressor clutch hub during removal/installation.

**Part # 2910**

## Digital Thermometer

**Part # 2795**



- Fast, easy and accurate.
- Auto shutoff.
- Includes battery.
- Fahrenheit or celsius.
- Includes pocket holder with clip.

## 1" Dial Thermometer

**Part # 2792**



- 1" face with magnifying lens.
- 0° to 220°F.
- Includes pocket holder with clip.

## 1-3/4" Dial Thermometer

**Part # 2790**



- Easy to read 1-3/4 face.
- 0° to 220°F.
- Includes pocket holder with clip.

## Non-Contact Laser Thermometer

**Part # 2800**

- Accurately measures temperatures for precision diagnosis in many areas of automotive repair and HVAC installation.
- Measure -58°F - 720°F
- Select celsius or fahrenheit
- Adjustable backlight
- Auto shut off
- 12:1 optics
- 2 AAA batteries included



## Deluxe Non-Contact Laser Thermometer

**Part # 2803**

- Accurately measures temperatures for precision diagnosis in many areas of automotive repair and HVAC Installation.
- Measure -58°F - 1300°F
- Adjustable emissivity
- Select celsius or fahrenheit
- Selectable modes - max/min/difference/average/data store/recall
- Adjustable backlight
- Auto shutoff
- 12:1 optics
- 1 9V battery included
- Durable storage case included





## Fin Comb

**Part # 2740**

- Straightens bent fins on A/C condensers and radiators to increase air flow.



# FJC

**Air Conditioning Products**

## Large Valve Core Tool

**Part # 2744**

- Remove and install large bore valve cores in late model vehicles.



## HD Large Bore Valve Core Tool

**Part # 2743**

- Removes and installs large bore valve cores up to 10mm in HD applications.
- Extended length for hard to reach areas.



## Standard Valve Core Tool

**Part # 2745**

- Removes and installs standard valve cores.



Socket for bridgeport style retrofit adapters. (8 sided)

**Part # 2746**



Low side

Socket for bridgeport style retrofit adapters. (8 sided)

**Part # 2748**



High side

## A/C Insulation Tape



**Part # 2862**  
30 ft. roll

- Insulates & seals parts.
- Protect parts from heat.
- Sticks to metal or rubber.



**Part # 2863**  
3 ft. roll

## Heavy Duty PVC and Hose Cutter

**Part # 2843**

- Ratchet design for easy use.
- Cuts rubber hose and PVC up to 1-1/4" OD.



Replacement blade  
**Part # 2844**

## Hose Cutter

**Part # 2840**

- Cuts refrigerant and other rubber hoses up to 1-1/2" OD.

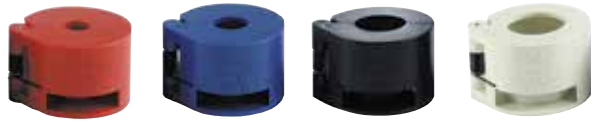




**Part # 2875**  
9 Piece spring lock  
coupler tool set.

## Ford Spring Lock Coupler Tools

**Part # 2880** Set of 4



3/8"	1/2"	5/8"	3/4"
<b>Part #</b>	<b>Part #</b>	<b>Part #</b>	<b>Part #</b>
<b>2882</b>	<b>2883</b>	<b>2884</b>	<b>2885</b>

## R-12 Side Can Tap

**Part # 6031**

- Slides over R-12 cans for quick and easy charging.



Replacement seal **Part # 6039**



## O-ring Pick

**Part # 2860**

- Will not scratch metal surfaces which can cause refrigerant leaks.



## R-134a Can Tap

**Part # 6030**

- Brass dispensing valve for R-134a cans with 1/2" ACME fittings.
- Replacement seal **Part # 6041**



## R-1234yf Can Tap

**Part # 6840**

- Brass dispensing valve for R-1234yf yellow hose
- Valve has 1/2" ACME LH threads
- For use with R-1234yf self-sealing valve cans

## R-134a Side Can Tap

**Part # 6034**

- Slides over R-134a cans for quick and easy charging.



Replacement seal **Part # 6039**

## R-134a U-Charge Hose

- Reusable brass dispensing valve with hose and R-134a quick coupler. **Part # 6035**
- Charge A/C systems with R-134a cans with 1/2" ACME fitting.

Replacement o-ring **Part # 4008**  
Replacement seal **Part # 6041**



## R-134a/R-12 Side Can Tap

**Part # 6040**

- For use with all R-134a or R-12 small cans of refrigerant or oil charge.



Replacement seal **Part # 6039**

## R-1234yf Charging Hose

**Part # 6845**

- Reusable charging hose with self-sealing valve can tap



## 3-Way Side Can Tap

**Part # 6842**





















- For use with R-12/R-134a/R-1234yf cans



Replacement seal **Part # 6039**

# Orifice Tubes



 <b>Part # 3004 (5 pack)</b> <b>Part # 3104 (single pack)</b> Color: Grey Porous Make: GM Dia: 0.062	 <b>Part # 3005 (5 pack)</b> <b>Part # 3105 (single pack)</b> Color: Black Porous Make: GM Dia: 0.057	 <b>Part # 3006 (5 pack)</b> <b>Part # 3106 (single pack)</b> Color: Blue Make: GM Dia: 0.067	 <b>Part # 3008 (5 pack)</b> <b>Part # 3108 (single pack)</b> Color: Orange T-top Make: GM Dia: 0.057
 <b>Part # 3011 (5 pack)</b> <b>Part # 3111 (single pack)</b> Color: White Make: GM Dia: 0.072	 <b>Part # 3012 (5 pack)</b> <b>Part # 3112 (single pack)</b> Color: Black T-top Make: GM Dia: 0.072	 <b>Part # 3013 (5 pack)</b> <b>Part # 3113 (single pack)</b> Color: Yellow T-top Make: GM Dia: 0.062	 <b>Part # 3014 (5 pack)</b> <b>Part # 3114 (single pack)</b> Color: Yellow Make: Volvo Dia: 0.062
 <b>Part # 3016 (5 pack)</b> <b>Part # 3116 (single pack)</b> Color: Blue Make: Ford Dia: 0.067	 <b>Part # 3017 (5 pack)</b> <b>Part # 3117 (single pack)</b> Color: Red Make: Ford Dia: 0.062	 <b>Part # 3018 (5 pack)</b> <b>Part # 3118 (single pack)</b> Color: Green Make: Ford Dia: 0.052	 <b>Part # 3019 (5 pack)</b> <b>Part # 3119 (single pack)</b> Color: Orange Make: Ford Dia: 0.059
 <b>Part # 3020 (5 pack)</b> <b>Part # 3120 (single pack)</b> Color: Brown Make: Ford Dia: 0.047	 <b>Part # 3021 (5 pack)</b> <b>Part # 3121 (single pack)</b> Color: Black Make: Ford Dia: 0.072	 <b>Part # 3024 (5 pack)</b> <b>Part # 3124 (single pack)</b> Color: Purple T-top Make: Chrysler Dia: 0.062	 <b>Part # 3026 (5 pack)</b> <b>Part # 3126 (single pack)</b> Color: Orange T-top Make: Chrysler Dia: 0.057
 <b>Part # 3036 (5 pack)</b> <b>Part # 3136 (single pack)</b> Color: Grey Make: Toyota Dia: 0.072	 <b>Part # 3038 (5 pack)</b> <b>Part # 3138 (single pack)</b> Color: Orange Make: Audi Dia: 0.057	 <b>Part # 3131</b> <b>Variable Orifice Tube</b>	 <b>Part # 3133</b> <b>Variable Orifice Tube "T" Top</b>

## Orifice Tube Repair Kits

### Part # 3043



- Used to replace orifice tube at inlet section of evaporator core.

### Part # 3044



- Used to replace orifice tube which is made into liquid line.

## Orifice Tube Remover/Installer Kit

### Part # 2830



- Easily removes orifice tubes without damage.
- Storage case included.
- For standard and "T" top orifice tubes.



# Orifice Tubes & Service Items

## Master Orifice Tube Assortment

### Part # 3000

- Contains 20 part numbers - 36 pieces.
- Includes removal/installer tool.

#### Kit Contains:

1 Part # 3004	2 Part # 3011	2 Part # 3016	2 Part # 3020	2 Part # 3036
1 Part # 3005	2 Part # 3012	2 Part # 3017	2 Part # 3021	2 Part # 3038
2 Part # 3006	2 Part # 3013	2 Part # 3018	2 Part # 3024	10 Part # 4051
2 Part # 3008	2 Part # 3014	2 Part # 3019	2 Part # 3026	1 Removal/Installer Tool



## Orifice Tube Assortment

### Part # 3007

- Contains 11 of the most popular part numbers - 22 pieces.

#### Kit Contains:

2 Part # 3008	2 Part # 3014	2 Part # 3019
2 Part # 3011	2 Part # 3016	2 Part # 3020
2 Part # 3012	2 Part # 3017	2 Part # 3024
2 Part # 3013	2 Part # 3018	



## Heavy Duty Orifice Tube Assortment

### Part # 3009

- Contains 8 part numbers - 38 pieces.

#### Kit Contains:

8 Part # 3011
8 Part # 3012
2 Part # 3014
8 Part # 3016
4 Part # 3017
4 Part # 3019
2 Part # 3020
2 Part # 3024



## Liquid Line Filter Screen Assortment

### Part # 3198

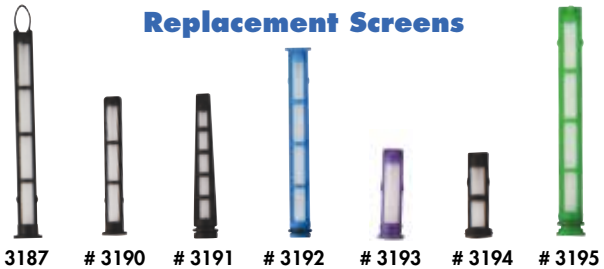
- 7 part numbers - 13 pieces.



#### Kit Contains:

2 Part # 3187
2 Part # 3190
1 Part # 3191
2 Part # 3192
2 Part # 3193
2 Part # 3194
2 Part # 3195

### Replacement Screens



## Service Items

### OE R-134a Replacement Service Ports

**Part # 2607(5 pk)**  
**Part # 2557(1 pk)**

Low side  
GM  
13mm x 1.0mm



Uses cap #2613

**Part # 2608(5 pk)**  
**Part # 2558(1 pk)**

Low side  
Ford  
10mm x 1.25mm



Uses cap #2614

**Part # 2609(5 pk)**  
**Part # 2574(1 pk)**

High side  
GM  
15mm x 1.0mm



OEM uses cap #2617  
Aftermarket  
Uses cap #2615

**Part # 2610(5 pk)**  
**Part # 2576(1 pk)**

High side  
Ford, GM  
Chrysler  
12mm x 1.5mm



Uses cap #2615

### OE R-134a Replacement Service Port Assortment

#### Part # 2685

- Replacement R-134a service ports.
- 4 Part numbers - 8 pieces.

#### Kit contains:

2 Part # 2607
2 Part # 2608
2 Part # 2609
2 Part # 2610



Reference fitting sizes as shown to the left

### OE R-134a Replacement Service Port Cap Assortment

#### Part # 2686

- Replacement R-134a service ports and caps.
- 7 part numbers - 14 pieces.

#### Kit contains:

2 - Part # 2607	2 - Part # 2613
2 - Part # 2608	2 - Part # 2614
2 - Part # 2609	2 - Part # 2615
2 - Part # 2610	



Reference fitting sizes as shown to the left



# Service Items



## R-12, R-134a, R-1234yf Valve Cores

<b>Part # 2672</b> Standard	<b>Part # 2673</b> GM high flow	<b>Part # 2674</b> JRA high flow	<b>Part # 2675</b> Volvo	<b>Part # 2676</b> 8mm low side	<b>Part # 2677</b> 10mm High Side	<b>Part # 2678</b> Import/domestic 2003 and up	<b>Part # 6812</b> R-1234yf STD valve core	<b>Part # 6816</b> R-1234yf 8mm valve core	<b>Part # 6818</b> R-1234yf 10mm valve core

## R-12 & R-134a Service Port Caps

<b>Part # 2611</b> Red high side 10mm x 1.25mm	<b>Part # 2612</b> Red high side 10mm x 1.25mm	<b>Part # 2613</b> Blue low side 9mm x 1.0mm	<b>Part # 2614</b> Blue low side 8mm x 1.0mm	<b>Part # 2615</b> Red high side 8mm x 1.0mm	<b>Part # 2616</b> Black high side 10mm x .75mm	<b>Part # 2617</b> Red high side 10mm x 1.0mm	<b>Part # 2621</b> R-12 cap 1/4"	<b>Part # 2622</b> R-12 cap 3/16"

<b>Part # 2623</b> Blue low side import 9mm x 1.0mm	<b>Part # 2624</b> Blue high side import 10mm x 1.25mm	<b>Part # 2619</b> 1/2" ACME	<b>Part # 2626</b> Black low side 15mm x 1.25mm

## R-12 & R-134a Master Cap, Valve and Core Assortment

### Part # 2683

- 18 part numbers - 88 pieces

<b>Kit contains:</b>	5 Part # 2617	3 Part # 2673
5 Part # 2611	5 Part # 2619	5 Part # 2674
5 Part # 2612	5 Part # 2621	2 Part # 2675
5 Part # 2613	5 Part # 2622	4 Part # 2676
5 Part # 2614	5 Part # 2623	4 Part # 2677
5 Part # 2615	5 Part # 2624	
5 Part # 2616	10 Part # 2672	



## Master Valve Core Remover & Installer Kit

### Part # 2750



- Remove & install replacement valve cores WITHOUT losing refrigerant charge.
- Fits standard and larger valve cores.
- Services R-12 & R-134a service ports.

## R-12 & R-134a Valve Core Assortments



### Part # 2682

- 6 part numbers - 20 pieces.

#### Kit Contains:

10 Part # 2672	2 Part # 2675
2 Part # 2673	2 Part # 2676
2 Part # 2674	2 Part # 2677



### Part # 2680

- 7 part numbers - 37 pieces.
- 5 different valve cores.
- Valve core tools for standard and large valve cores.

#### Kit Contains:

20 Part # 2672	4 Part # 2677
3 Part # 2673	1 Part # 2744
4 Part # 2674	1 Part # 2745
4 Part # 2676	



### Part # 2663

- 12 part numbers - 85 pieces.
- 5 different valve cores.
- Valve core tools for standard and large valve cores.

#### Kit Contains:

10 Part # 2614	10 Part # 2622	5 Part # 2676
10 Part # 2615	20 Part # 2672	5 Part # 2677
5 Part # 2617	3 Part # 2673	1 Part # 2744
10 Part # 2621	5 Part # 2674	1 Part # 2745



# Switches

## Air Conditioning Control Switches

### Chrysler

 <b>R-134a</b> <b>Part # 3271</b> 12mm switch port Dodge 1994 - 1996	 <b>R-134a</b> <b>Part # 3276</b> 12mm switch port Dodge 1994 - 1996	 <b>R-134a</b> <b>Part # 3277</b> Cycling pressure switch Dodge 1998 - 2003	 <b>R-134a</b> <b>Part # 3321</b> Compressor high pressure cut-off switch Chrysler 1994 - 2009
 <b>R-134a</b> <b>Part # 3340</b> High pressure cut-off switch Chrysler	 <b>R-134a</b> <b>Part # 3341</b> High pressure cut out switch Dodge/Jeep 1994 - 1998		

### Ford

 <b>R-12</b> <b>Part # 3214</b> 1/4" switch port Ford 1981 - 1993	 <b>R-134a</b> <b>Part # 3280</b> 12mm switch port Ford 1993 - 1995	 <b>R-134a</b> <b>Part # 3282</b> 12mm switch port Ford 2002 - 2005	 <b>R-134a</b> <b>Part # 3283</b> 12mm switch port Ford 2002 - 2005	 <b>R-134a</b> <b>Part # 3285</b> 12mm switch port Ford 2003 - 2005
 <b>R-134a</b> <b>Part # 3286</b> 12mm switch port Ford 2006 - 2007	 <b>R-134a</b> <b>Part # 3287</b> 12mm switch port Ford 1996 - 1997	 <b>R-134a</b> <b>Part # 3288</b> Cycling pressure switch Lincoln 2004 - 2005	 <b>R-134a</b> <b>Part # 3349</b> Pressure cut-off switch Ford, Lincoln, Mazda High 2005 - 2009	 <b>R-134a</b> <b>Part # 3411</b> Binary switch Ford 1994 - 2003
 <b>R-134a</b> <b>Part # 3412</b> Binary switch Ford 2002 - 2005	 <b>R-134a</b> <b>Part # 3414</b> Binary switch Ford, Lincoln, Mercury 2000 - 2007	 <b>R-134a</b> <b>Part # 3415</b> Ford Binary, HPCO, cooling fan switch		

# Switches



## Air Conditioning Control Switches GM

 <p><b>R-12</b> <b>Part # 3203</b> 1/4" switch port GM 1978 - 1993</p>	 <p><b>R-12</b> <b>Part # 3205</b> 1/4" switch port GM 1989 - 1993</p>	 <p><b>R-134a</b> <b>Part # 3262</b> 12mm switch port GM 1993 - 1995</p>	 <p><b>R-134a</b> <b>Part # 3264</b> 12mm switch port GM 1994 - 1996</p>	 <p><b>R-134a</b> <b>Part # 3265</b> 10mm switch port GM 1994 - 1997</p>	 <p><b>R-134a</b> <b>Part # 3266</b> 12mm switch port GM 1994 - 2000</p>
 <p><b>R-134a</b> <b>Part # 3267</b> 12mm switch port GM 1994 - 2005</p>	 <p><b>R-134a</b> <b>Part # 3312</b> Low pressure cut-off switch - GM 1986 - 2001</p>	 <p><b>R-134a</b> <b>Part # 3319</b> Compressor high side low pressure switch GM 1985 - 2005</p>	 <p><b>R-134a</b> <b>Part # 3320</b> Compressor high pressure cut-off switch GM Denso 1999 - 2007</p>	 <p><b>R-134a</b> <b>Part # 3322</b> White compressor pressure switch port GM 1999 - 2007</p>	 <p><b>R-134a</b> <b>Part # 3328</b> Red compressor pressure switch GM 1977 - 2013</p>
 <p><b>R-134a</b> <b>Part # 3331</b> Compressor low pressure cut-off switch high side GM 1983 - 2013</p>	 <p><b>R-134a</b> <b>Part # 3375</b> Compressor cooling fan switch GM 1983 - 2013</p>	 <p><b>R-134a</b> <b>Part # 3378</b> Radiator fan switch GM 1984-1992</p>	 <p><b>R-134a</b> <b>Part # 3379</b> Fan switch GM 1983-2001</p>		

## Air Conditioning Control Switch Assortment

### Part # 3475

- 21 most popular A/C control switches for Chrysler, Ford, GM, Toyota & Lexus

Kit Contains 1 each of the following:		
1 each Part # 3262	1 each Part # 3280	1 each Part # 3320
1 each Part # 3264	1 each Part # 3282	1 each Part # 3322
1 each Part # 3265	1 each Part # 3283	1 each Part # 3328
1 each Part # 3266	1 each Part # 3284	1 each Part # 3331
1 each Part # 3267	1 each Part # 3285	1 each Part # 3358
1 each Part # 3274	1 each Part # 3286	1 each Part # 3415
1 each Part # 3276	1 each Part # 3287	1 each Part # 3418



Switches



# Switches

## Air Conditioning Control Switches Imports

 <p><b>R-134a Part # 3418</b> High/low pressure switch 28 PSI/45 PSI Toyota, Lexus</p>	 <p><b>R-134a Part # 3420</b> Trinary, cooling fan, HPCO, LPCO switch Acura, Lexus 1988-1994</p>	 <p><b>R-134a Part # 3421</b> Trinary, cooling fan, HPCO, LPCO switch Acura, Toyota 1993-1999</p>	 <p><b>R-134a Part # 3423</b> Binary, HPCO, LPCO switch Lexus, Toyota 1992-1999</p>	 <p><b>R-134a Part # 3424</b> Trinary, HPCO, LPCO switch Toyota 1990-2005</p>
 <p><b>R-134a Part # 3426</b> Trinary, HPCO, LPCO cooling fan BMW 1994-2008</p>	 <p><b>R-134a Part # 3428</b> Binary, HPCO, LPCO switch Acura, Honda 1993-1999</p>	 <p><b>R-134a Part # 3429</b> Trinary, HPCO, LPCO switch Nissan, Infinity 1997-2005</p>	 <p><b>R-134a Part # 3430</b> Trinary, HPCO, LPCO cooling fan Volkswagon 1992-2003</p>	 <p><b>R-134a Part # 3431</b> Trinary, HPCO, LPCO cooling fan Audi/Volkswagon 1997-2003</p>
 <p><b>R-134a Part # 3433</b> Binary switch Acura, Honda 1990-1994</p>	 <p><b>R-134a Part # 3435</b> Binary switch Acura, Honda, Subaru 1996-2002</p>	 <p><b>R-134a Part # 3499</b> Manual thermostat 16" CAP tube 1996-2002</p>		

# Service Item Assortment



## Pro-Series Service Item Assortment

All O-rings are High Temperature Green HNBR



**Part # 4400**



### Kit Contains:

O-rings, gaskets, sealing washers, keyways, shims, fittings, caps orifice tubes, etc.

- Coverage through current model year
- Sturdy case
- Total 1023 pieces
- Total 203 part numbers
- 12 trays for easy storage
- O-ring wall chart Included

### Kit Contains:

4 Part # 2602	20 Part # 4010	5 Part # 4082	5 Part # 4177	5 Part # 4223	2 Part # 4318
4 Part # 2603	25 Part # 4012	5 Part # 4086	5 Part # 4178	5 Part # 4225	2 Part # 4319
2 Part # 2604	5 Part # 4015	5 Part # 4087	5 Part # 4179	5 Part # 4226	2 Part # 4320
2 Part # 2606	5 Part # 4016	5 Part # 4088	5 Part # 4182	5 Part # 4227	2 Part # 4321
1 Part # 2608	5 Part # 4017	5 Part # 4089	5 Part # 4183	5 Part # 4228	2 Part # 4324
1 Part # 2610	5 Part # 4018	5 Part # 4090	5 Part # 4186	5 Part # 4229	2 Part # 4325
2 Part # 2611	5 Part # 4026	5 Part # 4091	5 Part # 4187	10 Part # 4230	2 Part # 4326
2 Part # 2612	5 Part # 4028	5 Part # 4093	5 Part # 4189	10 Part # 4232	2 Part # 4327
2 Part # 2613	5 Part # 4030	5 Part # 4094	25 Part # 4190	20 Part # 4233	2 Part # 4328
5 Part # 2614	5 Part # 4032	5 Part # 4095	5 Part # 4191	5 Part # 4234	5 Part # 4335
5 Part # 2615	5 Part # 4038	5 Part # 4096	25 Part # 4192	5 Part # 4235	5 Part # 4345
2 Part # 2616	5 Part # 4040	5 Part # 4097	25 Part # 4193	5 Part # 4237	5 Part # 4346
2 Part # 2617	5 Part # 4042	5 Part # 4116	25 Part # 4194	5 Part # 4238	1 Part # 6041
5 Part # 2618	5 Part # 4043	5 Part # 4118	5 Part # 4195	5 Part # 4239	1 Part # 6047
5 Part # 2620	5 Part # 4044	5 Part # 4120	5 Part # 4196	5 Part # 4240	1 Part # 6049
5 Part # 2621	5 Part # 4045	5 Part # 4122	5 Part # 4197	5 Part # 4241	10 Part # 6050
5 Part # 2622	5 Part # 4050	4 Part # 4130	25 Part # 4198	5 Part # 4242	1 Part # 6051
10 Part # 2672	5 Part # 4051	4 Part # 4131	5 Part # 4199	5 Part # 4243	1 Part # 6052
2 Part # 2673	5 Part # 4052	4 Part # 4140	5 Part # 4201	5 Part # 4245	10 Part # 6055
4 Part # 2674	2 Part # 4053	4 Part # 4142	5 Part # 4202	5 Part # 4246	5 Part # 6060
4 Part # 2676	2 Part # 4054	4 Part # 4143	5 Part # 4203	5 Part # 4247	5 Part # 6061
4 Part # 2677	2 Part # 4060	4 Part # 4144	5 Part # 4204	5 Part # 4248	5 Part # 6063
2 Part # 3011	2 Part # 4061	4 Part # 4150	5 Part # 4205	2 Part # 4250	10 Part # 6065
1 Part # 3012	2 Part # 4062	4 Part # 4151	5 Part # 4206	1 Part # 4252	2 Part # 6066
1 Part # 3014	2 Part # 4063	4 Part # 4154	5 Part # 4207	1 Part # 4253	
2 Part # 3016	2 Part # 4064	4 Part # 4158	5 Part # 4208	1 Part # 4254	
1 Part # 3017	2 Part # 4065	4 Part # 4160	5 Part # 4209	1 Part # 4255	
1 Part # 3018	2 Part # 4066	4 Part # 4162	5 Part # 4211	1 Part # 4256	
1 Part # 3019	2 Part # 4070	4 Part # 4166	5 Part # 4214	1 Part # 4258	
1 Part # 3020	2 Part # 4071	5 Part # 4168	5 Part # 4215	5 Part # 4305	
1 Part # 3024	2 Part # 4072	5 Part # 4170	5 Part # 4216	5 Part # 4306	
5 Part # 4002	2 Part # 4073	5 Part # 4171	5 Part # 4218	5 Part # 4307	
5 Part # 4004	2 Part # 4074	5 Part # 4172	5 Part # 4219	5 Part # 4308	
25 Part # 4006	2 Part # 4075	5 Part # 4173	5 Part # 4220	5 Part # 4312	
25 Part # 4008	5 Part # 4078	5 Part # 4175	5 Part # 4221	2 Part # 4315	
	5 Part # 4080	5 Part # 4176	5 Part # 4222	2 Part # 4317	

The Ultimate Assortment for the A/C Specialist



# Service Item Assortment

## Deluxe Service Item Assortment

### Part # 4415

#### Kit Contains:

O-rings, gaskets, sealing washers, caps and other service items.

- Total 641 pieces
- Total 130 part numbers
- O-ring wall chart included
- Convenient carrying case
- O-rings are high temperature green HNBR
- Coverage through current model year



#### Kit Contains:

1 Part # 2608	5 Part # 4002	1 Part # 4053	5 Part # 4088	4 Part # 4166	5 Part # 4198	5 Part # 4228
1 Part # 2610	20 Part # 4006	1 Part # 4054	15 Part # 4090	5 Part # 4170	5 Part # 4199	5 Part # 4230
2 Part # 2613	20 Part # 4008	2 Part # 4060	5 Part # 4093	5 Part # 4171	5 Part # 4201	5 Part # 4232
4 Part # 2614	20 Part # 4010	2 Part # 4061	5 Part # 4094	5 Part # 4172	10 Part # 4202	5 Part # 4233
4 Part # 2615	5 Part # 4012	2 Part # 4062	2 Part # 4116	5 Part # 4173	5 Part # 4203	5 Part # 4237
2 Part # 2616	10 Part # 4026	2 Part # 4063	2 Part # 4118	5 Part # 4176	5 Part # 4204	5 Part # 4240
2 Part # 2617	10 Part # 4028	2 Part # 4064	2 Part # 4120	5 Part # 4178	5 Part # 4205	5 Part # 4241
2 Part # 2621	5 Part # 4030	2 Part # 4065	2 Part # 4122	5 Part # 4182	5 Part # 4206	5 Part # 4243
2 Part # 2622	5 Part # 4032	2 Part # 4070	2 Part # 4128	10 Part # 4183	10 Part # 4208	5 Part # 4246
2 Part # 2623	5 Part # 4034	2 Part # 4071	2 Part # 4129	5 Part # 4186	5 Part # 4209	5 Part # 4247
2 Part # 2624	5 Part # 4035	2 Part # 4072	2 Part # 4132	5 Part # 4187	5 Part # 4210	1 Part # 4250
2 Part # 2626	5 Part # 4036	2 Part # 4073	2 Part # 4133	5 Part # 4189	5 Part # 4211	1 Part # 4253
5 Part # 2672	10 Part # 4038	2 Part # 4074	2 Part # 4140	20 Part # 4190	5 Part # 4213	1 Part # 4254
2 Part # 2673	5 Part # 4040	2 Part # 4075	4 Part # 4142	20 Part # 4192	5 Part # 4215	2 Part # 4365
2 Part # 2674	5 Part # 4042	5 Part # 4078	4 Part # 4143	20 Part # 4193	5 Part # 4216	2 Part # 4384
2 Part # 2675	5 Part # 4043	5 Part # 4080	4 Part # 4150	5 Part # 4194	5 Part # 4218	2 Part # 4385
2 Part # 2676	5 Part # 4045	5 Part # 4082	4 Part # 4151	5 Part # 4195	5 Part # 4219	
2 Part # 2677	5 Part # 4050	5 Part # 4086	4 Part # 4154	5 Part # 4196	5 Part # 4220	
2 Part # 2678	10 Part # 4052	5 Part # 4087	4 Part # 4158	5 Part # 4197	5 Part # 4222	

## Deluxe O-ring Assortment

### Part # 4275

- 34 most popular sizes
- 350 pieces
- O-rings are high temperature green HNBR
- O-ring wall chart included

#### Kit Contains:

10 Part # 4002	10 Part # 4038	10 Part # 4187	5 Part # 4206
20 Part # 4006	10 Part # 4040	20 Part # 4190	10 Part # 4208
20 Part # 4008	10 Part # 4042	10 Part # 4191	5 Part # 4215
20 Part # 4010	10 Part # 4043	5 Part # 4193	10 Part # 4218
20 Part # 4012	10 Part # 4051	5 Part # 4194	5 Part # 4230
10 Part # 4026	10 Part # 4052	10 Part # 4196	10 Part # 4238
10 Part # 4028	10 Part # 4080	10 Part # 4197	5 Part # 4240
10 Part # 4030	10 Part # 4170	5 Part # 4203	5 Part # 4241
10 Part # 4032	10 Part # 4186		



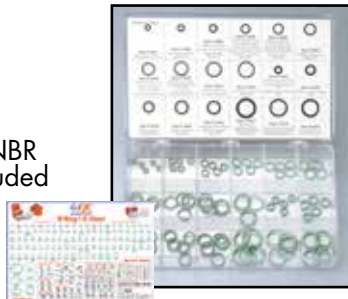
## O-ring Assortment

### Part # 4278

- 18 most popular sizes for all models
- 180 pieces
- O-rings are high temperature green HNBR
- O-ring wall chart included

#### Kit Contains:

10 Part # 4002	10 Part # 4028	10 Part # 4190
10 Part # 4006	10 Part # 4032	10 Part # 4191
10 Part # 4008	10 Part # 4038	10 Part # 4194
10 Part # 4010	10 Part # 4042	10 Part # 4196
10 Part # 4012	10 Part # 4043	10 Part # 4208
10 Part # 4026	10 Part # 4187	10 Part # 4218



## Top Four O-ring Assortment

### Part # 4279

- 4 most popular sizes
- 100 pieces
- O-rings are high temperature green HNBR

#### Kit Contains:

25 Part # 4006
25 Part # 4008
25 Part # 4010
25 Part # 4012



Service Item Assortments

# O-ring Assortments



## Chrysler O-ring & Gasket Assortment - 1989 and Earlier

### Part # 4286

- 20 part numbers
- 185 pieces
- O-rings are high temperature green HNBR
- O-ring wall chart included
- Metal gaskets



### Kit Contains:

- |                |               |                |
|----------------|---------------|----------------|
| 15 Part # 4006 | 5 Part # 4142 | 10 Part # 4187 |
| 15 Part # 4008 | 5 Part # 4143 | 15 Part # 4190 |
| 15 Part # 4010 | 5 Part # 4144 | 15 Part # 4203 |
| 15 Part # 4012 | 5 Part # 4150 | 15 Part # 4240 |
| 15 Part # 4030 | 8 Part # 4151 | 5 Part # 4305  |
| 2 Part # 4053  | 8 Part # 4158 | 5 Part # 4306  |
| 2 Part # 4054  | 5 Part # 4166 |                |

## Chrysler O-ring Assortment - 1990 to 2010

### Part # 4287

- 27 part numbers
- 204 pieces
- O-rings are high temperature green HNBR
- O-ring wall chart included
- Metal gaskets



### Kit Contains:

- |                |               |                |                |
|----------------|---------------|----------------|----------------|
| 15 Part # 4006 | 2 Part # 4118 | 4 Part # 4166  | 5 Part # 4211  |
| 15 Part # 4008 | 2 Part # 4120 | 20 Part # 4190 | 5 Part # 4213  |
| 10 Part # 4030 | 4 Part # 4128 | 10 Part # 4192 | 10 Part # 4230 |
| 2 Part # 4073  | 4 Part # 4129 | 10 Part # 4193 | 10 Part # 4233 |
| 2 Part # 4074  | 4 Part # 4132 | 10 Part # 4194 | 10 Part # 4240 |
| 10 Part # 4080 | 4 Part # 4133 | 10 Part # 4203 | 10 Part # 4243 |
| 2 Part # 4116  | 4 Part # 4150 | 10 Part # 4210 |                |

## Ford O-ring Assortment

### Part # 4288

- 20 part numbers
- 200 pieces
- O-rings, shims, & bushings
- O-rings are high temperature green HNBR
- O-ring wall chart included



### Kit Contains:

- |                |                |                |
|----------------|----------------|----------------|
| 15 Part # 4006 | 15 Part # 4190 | 10 Part # 4234 |
| 15 Part # 4008 | 10 Part # 4192 | 10 Part # 4241 |
| 15 Part # 4010 | 10 Part # 4193 | 10 Part # 4248 |
| 10 Part # 4012 | 10 Part # 4194 | 6 Part # 4308  |
| 10 Part # 4028 | 10 Part # 4198 | 2 Part # 4325  |
| 10 Part # 4078 | 10 Part # 4209 | 2 Part # 4326  |
| 10 Part # 4170 | 10 Part # 4225 |                |

## Ford Spring Lock Coupling Assortment

### Part # 4290

- 4 Sizes - o-rings
- 4 Sizes - garter springs
- O-rings are high temperature green HNBR
- 60 Pieces

### Kit Contains:

- |                |               |
|----------------|---------------|
| 10 Part # 4006 | 5 Part # 4116 |
| 10 Part # 4008 | 5 Part # 4118 |
| 10 Part # 4010 | 5 Part # 4120 |
| 10 Part # 4012 | 5 Part # 4122 |



## Ford Metric Spring Lock Coupling Assortment

### Part # 4291

- 4 Sizes - metric o-rings
- 4 Sizes - garter springs.
- O-rings are high temperature green HNBR
- 60 Pieces

### Kit Contains:

- |               |                |
|---------------|----------------|
| 5 Part # 4116 | 10 Part # 4192 |
| 5 Part # 4118 | 10 Part # 4193 |
| 5 Part # 4120 | 10 Part # 4194 |
| 5 Part # 4122 | 10 Part # 4198 |



## GM O-ring Assortment

### Part # 4293

- 18 Part Numbers
- 180 pieces
- O-rings are high temperature green HNBR
- O-ring wall chart included



### Kit Contains:

- |                |                |                |
|----------------|----------------|----------------|
| 10 Part # 4006 | 10 Part # 4030 | 10 Part # 4050 |
| 10 Part # 4008 | 10 Part # 4032 | 10 Part # 4186 |
| 10 Part # 4010 | 10 Part # 4038 | 10 Part # 4189 |
| 10 Part # 4012 | 10 Part # 4040 | 10 Part # 4190 |
| 10 Part # 4026 | 10 Part # 4042 | 10 Part # 4196 |
| 10 Part # 4028 | 10 Part # 4043 | 10 Part # 4197 |

## GM Sealing Washer Assortment

### Part # 4294

- 3 Most popular GM sealing washers.
- Insert for sealing washers.
- 4 Part numbers.
- 24 pieces.

### Kit Contains:

- |               |               |
|---------------|---------------|
| 6 Part # 4060 | 6 Part # 4062 |
| 6 Part # 4061 | 6 Part # 4071 |



O-ring Assortments



# O-ring Assortments

## Slim Line Sealing Washer Assortment

### Part # 4295

- 4 sizes - 20 pieces
- GM sealing washers

#### Kit Contains:

- 5 Part # 4072
- 5 Part # 4073
- 5 Part # 4074
- 5 Part # 4075



## Metric O-ring Assortment

### Part # 4298

- 12 popular metric o-rings
- 120 pieces
- O-rings are high temperature green HNBR

#### Kit Contains:

- |                |                |
|----------------|----------------|
| 10 Part # 4006 | 10 Part # 4080 |
| 10 Part # 4008 | 10 Part # 4094 |
| 10 Part # 4010 | 10 Part # 4186 |
| 10 Part # 4012 | 10 Part # 4187 |
| 10 Part # 4028 | 10 Part # 4190 |
| 10 Part # 4052 | 10 Part # 4203 |



## Top Eight O-ring Assortment

### Part # 4895

- 8 most popular sizes
- 200 pieces
- O-rings are high temperature green HNBR
- Attractive retail packaging



## Retail O-ring Assortment

### Part # 4897

- 8 Most popular sizes
- 24 pieces
- O-rings are high temperature green HNBR
- Attractive retail packaging



## Master Sealing Washer Assortment

### Part # 4296

- 15 part numbers - 47 pieces
- GM and Chrysler sealing washers



O-ring Wall Chart Included

#### Kit Contains:

- |               |               |
|---------------|---------------|
| 3 Part # 4053 | 2 Part # 4065 |
| 3 Part # 4054 | 2 Part # 4066 |
| 3 Part # 4060 | 4 Part # 4070 |
| 3 Part # 4061 | 4 Part # 4071 |
| 3 Part # 4062 | 4 Part # 4072 |
| 2 Part # 4063 | 4 Part # 4073 |
| 2 Part # 4064 | 4 Part # 4075 |



## Large Metric O-ring Assortment

### Part # 4299

- 18 popular metric o-rings
- 180 pieces
- O-rings are high temperature green HNBR
- O-ring wall chart included

#### Kit Contains:

- |                |                |
|----------------|----------------|
| 10 Part # 4006 | 10 Part # 4186 |
| 10 Part # 4008 | 10 Part # 4187 |
| 10 Part # 4010 | 10 Part # 4190 |
| 10 Part # 4012 | 10 Part # 4203 |
| 10 Part # 4028 | 10 Part # 4206 |
| 10 Part # 4052 | 10 Part # 4208 |
| 10 Part # 4080 | 10 Part # 4218 |
| 10 Part # 4094 | 10 Part # 4233 |
| 10 Part # 4183 | 10 Part # 4238 |



## Honda & Toyota O-ring Assortment

### Part # 4297

- Total 126 pieces
- Total 15 part numbers
- Most popular import o-rings and gaskets
- O-rings are high temperature green HNBR
- O-ring wall chart included

#### Kit Contains:

- |                |                |
|----------------|----------------|
| 10 Part # 4006 | 10 Part # 4190 |
| 10 Part # 4008 | 10 Part # 4203 |
| 10 Part # 4010 | 10 Part # 4233 |
| 10 Part # 4012 | 10 Part # 4238 |
| 10 Part # 4028 | 2 Part # 4250  |
| 10 Part # 4080 | 2 Part # 4252  |
| 10 Part # 4186 | 2 Part # 4255  |
| 10 Part # 4187 |                |



## Deluxe Metric/Import O-ring Assortment

### Part # 4300

#### Kit Contains:

- 34 popular metric o-rings
- 350 pieces
- O-rings are high temperature green HNBR
- O-ring wall chart included

- |                |                |                |                |
|----------------|----------------|----------------|----------------|
| 15 Part # 4006 | 10 Part # 4094 | 10 Part # 4203 | 10 Part # 4222 |
| 10 Part # 4008 | 10 Part # 4178 | 10 Part # 4204 | 10 Part # 4233 |
| 10 Part # 4010 | 10 Part # 4182 | 10 Part # 4206 | 10 Part # 4237 |
| 10 Part # 4012 | 10 Part # 4183 | 10 Part # 4208 | 10 Part # 4238 |
| 10 Part # 4028 | 10 Part # 4186 | 10 Part # 4209 | 10 Part # 4239 |
| 10 Part # 4043 | 10 Part # 4187 | 10 Part # 4211 | 10 Part # 4240 |
| 10 Part # 4052 | 10 Part # 4189 | 10 Part # 4214 | 10 Part # 4246 |
| 10 Part # 4080 | 15 Part # 4190 | 10 Part # 4215 |                |
| 10 Part # 4088 | 10 Part # 4192 | 10 Part # 4218 |                |





# Heavy Duty Service Item Assortments



## Part # 4465

- Total 542 pieces
- Total 119 part numbers
- Durable wall mount storage case included
- O-rings are high temperature green HNBR
- O-ring wall chart included

### Kit Contains:

O-rings, gaskets, sealing washers, caps and other service items



### Kit Contains:

2 Part # 2602	1 Part # 3024	5 Part # 4042	2 Part # 4075	5 Part # 4193	2 Part # 4324
2 Part # 2603	5 Part # 4002	10 Part # 4043	5 Part # 4080	5 Part # 4194	2 Part # 4327
4 Part # 2612	5 Part # 4004	5 Part # 4044	5 Part # 4082	5 Part # 4195	2 Part # 4328
4 Part # 2613	10 Part # 4006	5 Part # 4046	5 Part # 4090	5 Part # 4198	2 Part # 4345
4 Part # 2614	15 Part # 4008	5 Part # 4050	5 Part # 4091	5 Part # 4201	2 Part # 4346
4 Part # 2615	15 Part # 4010	5 Part # 4051	4 Part # 4116	5 Part # 4210	5 Part # 4361
2 Part # 2616	15 Part # 4012	10 Part # 4052	4 Part # 4118	5 Part # 4211	5 Part # 4362
4 Part # 2617	2 Part # 4015	2 Part # 4060	4 Part # 4120	5 Part # 4212	5 Part # 4364
10 Part # 2672	2 Part # 4016	2 Part # 4061	4 Part # 4122	10 Part # 4218	5 Part # 4365
4 Part # 2675	2 Part # 4017	2 Part # 4062	5 Part # 4170	5 Part # 4219	5 Part # 4370
4 Part # 2676	2 Part # 4018	2 Part # 4063	5 Part # 4171	5 Part # 4225	5 Part # 4371
4 Part # 2677	5 Part # 4026	2 Part # 4064	5 Part # 4172	5 Part # 4230	5 Part # 4372
4 Part # 3011	5 Part # 4028	2 Part # 4065	5 Part # 4175	5 Part # 4233	5 Part # 4373
4 Part # 3012	5 Part # 4030	2 Part # 4066	5 Part # 4179	5 Part # 4234	5 Part # 4374
2 Part # 3014	10 Part # 4032	2 Part # 4070	5 Part # 4182	10 Part # 4235	5 Part # 4375
4 Part # 3016	5 Part # 4034	2 Part # 4071	5 Part # 4186	5 Part # 4241	5 Part # 4376
2 Part # 3017	5 Part # 4035	5 Part # 4072	5 Part # 4187	5 Part # 4248	5 Part # 4377
2 Part # 3019	5 Part # 4036	2 Part # 4073	5 Part # 4189	2 Part # 4315	4 Part # 4381
2 Part # 3020	5 Part # 4038	2 Part # 4074	5 Part # 4190	2 Part # 4317	4 Part # 4382
1 Part # 3021	5 Part # 4040	5 Part # 4075	5 Part # 4192	2 Part # 4319	

## Part # 4463

- 23 part numbers
- 114 pieces
- Contains popular sealing washers, A/C o-rings, valve cores and service caps
- O-rings are high temperature green HNBR
- O-ring wall chart included



### Kit Contains:

4 Part # 2612	2 Part # 2677	10 Part # 4235
4 Part # 2613	10 Part # 4006	4 Part # 4376
4 Part # 2614	10 Part # 4008	4 Part # 4377
4 Part # 2615	10 Part # 4010	2 Part # 4381
4 Part # 2616	4 Part # 4072	2 Part # 4382
4 Part # 2626	4 Part # 4073	
10 Part # 2672	4 Part # 4074	
2 Part # 2675	5 Part # 4091	
2 Part # 2676	5 Part # 4218	



## Part # 4464

- 15 part numbers
- 150 pieces
- Contains popular sealing washers, A/C o-rings, valve cores and service caps
- O-rings are high temperature green HNBR
- O-ring wall chart included



### Kit Contains:

10 Part # 2614	10 Part # 4006	10 Part # 4032
10 Part # 2615	10 Part # 4008	10 Part # 4043
10 Part # 2672	10 Part # 4010	10 Part # 4052
10 Part # 2673	10 Part # 4012	
10 Part # 2676	10 Part # 4026	
10 Part # 2677	10 Part # 4030	





# Heavy Duty Service Item Assortments

## Part # 4450

### Kit Contains:

- 1 Part # 2207
- 5 Part # 2613
- 5 Part # 2617
- 6 Part # 2676
- 6 Part # 2677
- 1 Part # 2743
- 5 Part # 4055
- 5 Part # 4056
- 5 Part # 4062
- 5 Part # 4072
- 5 Part # 4073
- 5 Part # 4074
- 5 Part # 4075
- 5 Part # 4370
- 5 Part # 4371
- 5 Part # 4372

- O-rings, sealing washers, service caps and valve cores
- Total 74 pieces - 16 part numbers
- O-ring wall chart included



## Heavy Duty Truck Sealing Washer O-ring Assortment

### Part # 4454

### Kit Contains:

- 10 Part # 4006
- 10 Part # 4008
- 10 Part # 4010
- 10 Part # 4012
- 10 Part # 4043
- 10 Part # 4044
- 10 Part # 4046
- 5 Part # 4055
- 5 Part # 4056
- 5 Part # 4072
- 5 Part # 4073
- 5 Part # 4074
- 5 Part # 4075
- 10 Part # 4218
- 10 Part # 4230
- 5 Part # 4370
- 5 Part # 4371
- 5 Part # 4372

- Sealing washers and o-rings
- Total 135 pieces - 18 part numbers
- O-ring wall chart included



## Heavy Duty Truck Sealing Washer Assortment

### Part # 4458

- Total 65 pieces - 8 part numbers of sealing washers

### Kit Contains:

- 10 Part # 4062
- 10 Part # 4072
- 10 Part # 4073
- 10 Part # 4074
- 10 Part # 4075
- 5 Part # 4370
- 5 Part # 4371
- 5 Part # 4372



## Heavy Duty Truck A/C O-ring Assortment

### Part # 4460

- 6 part numbers
- 55 pieces
- Contains popular A/C high temperature green HNBR o-rings

### Kit Contains:

- 10 Part # 4006
- 10 Part # 4008
- 10 Part # 4010
- 10 Part # 4012
- 5 Part # 4043
- 10 Part # 4052



## Heavy Duty Truck Stat Seal Kit

### Part # 4459

- Single job kit

### Kit Contains:

- 2 Part # 4373
- 2 Part # 4374
- 2 Part # 4375
- 2 Part # 4376
- 2 Part # 4377



# 4373  
#6 stat seal



# 4374  
#8 stat seal



# 4375  
#10 stat seal  
(evaporator)



# 4376  
#12 stat seal























# 4377  
stat seal  
(evaporator)

# O-rings






















All O-rings are actual size and high temperature green HNBR

 <p><b>Part # 4221</b></p> <ul style="list-style-type: none"> <li>• GM &amp; Asian imports</li> </ul>	 <p><b>Part # 4206</b></p> <ul style="list-style-type: none"> <li>• Ford combination valve liquid bleed tube connection</li> <li>• Nissan #6 hose/expansion valve/capillary tube</li> <li>• VIR liquid bleed line</li> </ul>	 <p><b>Part # 4052</b></p> <ul style="list-style-type: none"> <li>• GM capillary tube</li> </ul>	 <p><b>Part # 4183</b></p> <ul style="list-style-type: none"> <li>• Metric hose and drier</li> <li>• Mitsubishi FX 105V rear housing</li> <li>• Sanden TR70 oil drain bolt</li> </ul>
 <p><b>Part # 4208</b></p> <ul style="list-style-type: none"> <li>• GM oil tube &amp; filler bolt</li> <li>• Diesel Kiki DKS16H oil drain plug</li> <li>• Nissan #8 hose fitting/drier</li> </ul>	 <p><b>Part # 4223</b></p> <ul style="list-style-type: none"> <li>• Metric - GM &amp; Asian imports</li> </ul>	 <p><b>Part # 4186</b></p> <ul style="list-style-type: none"> <li>• Toyota liquid line/drier</li> <li>• #5 hose fitting</li> </ul>	 <p><b>Part # 4080</b></p> <ul style="list-style-type: none"> <li>• Ford combination valve</li> <li>• STV manifold oil port use with Chrysler gasket #4132</li> </ul>
 <p><b>Part # 4182</b></p> <ul style="list-style-type: none"> <li>• Metric Captive O-ring</li> <li>• Nissan Calsonic, Honda</li> </ul>	 <p><b>Part # 4222</b></p> <ul style="list-style-type: none"> <li>• Metric - Asian imports</li> </ul>	 <p><b>Part # 4051</b></p> <ul style="list-style-type: none"> <li>• Ford/GM orifice tube</li> </ul>	 <p><b>Part # 4192</b></p> <ul style="list-style-type: none"> <li>• Thicker metric for Ford #6 spring lock couplers</li> </ul>
 <p><b>Part # 4006</b></p> <ul style="list-style-type: none"> <li>• #6 hose</li> <li>• Ford expansion valve seal</li> <li>• Ford #6 spring lock o-ring</li> <li>• Nissan #10 hose fitting/drier</li> <li>• VIR pickup tube/condenser line</li> </ul>	 <p><b>Part # 4227</b></p> <ul style="list-style-type: none"> <li>• Metric - imports</li> </ul>	 <p><b>Part # 4026</b></p> <ul style="list-style-type: none"> <li>• #6 GM "captured" fitting o-ring</li> <li>• Ford combination valve evaporator manifold oil port</li> <li>• Ford expansion valve</li> </ul>	 <p><b>Part # 4226</b></p> <ul style="list-style-type: none"> <li>• Metric - imports</li> </ul>
 <p><b>Part # 4195</b></p> <ul style="list-style-type: none"> <li>• Metric 7.4mm - imports</li> </ul>	 <p><b>Part # 4229</b></p> <ul style="list-style-type: none"> <li>• Metric - Asian - imports</li> </ul>	 <p><b>Part # 4228</b></p> <ul style="list-style-type: none"> <li>• Metric - imports</li> </ul>	 <p><b>Part # 4189</b></p> <ul style="list-style-type: none"> <li>• Ford 12 mm switch port - metric (cycling pressure switch)</li> </ul>



# O-rings





















All O-rings are actual size and high temperature green HNBR

 <p><b>Part # 4214</b> • Metric - Asian - compressor manifold</p>	 <p><b>Part # 4240</b> • Diesel Kiki DK515CH Pressure relief valve</p>	 <p><b>Part # 4190</b> • #6 ATCO compression fitting • Chrysler 6C17 pressure relief valve • Ford clutch cycling pressure switch • GM A6/R4 pressure relief valve • GM V5 control valve (inside) • Sanden SD7B10 oil plug/service port • Toyota pressure switch • York 206/210 oil plug</p>	 <p><b>Part # 4199</b> • Metric 9mm - imports</p>
 <p><b>Part # 4171</b> • #8 Metric - dual o-ring</p>	 <p><b>Part # 4088</b> • GM &amp; Asian imports</p>	 <p><b>Part # 4193</b> • Metric o-ring for Ford #8 spring lock coupler</p>	 <p><b>Part # 4196</b> • Metric #8 GM captured o-ring</p>
 <p><b>Part # 4038</b> • #8 GM "dual" fitting o-ring (1/2")</p>	 <p><b>Part # 4234</b> • Ford hose fitting - 1/2 #8 peanut</p>	 <p><b>Part # 4008</b> • #8 hose fitting • GM V5 control valve (inside center) • Ford #8 spring lock fitting • Nissan #12 hose fitting and condenser discharge line • Toyota discharge line</p>	 <p><b>Part # 4028</b> • #8 GM "captured" fitting o-ring</p>
 <p><b>Part # 4087</b> • Metric - Imports</p>	 <p><b>Part # 4201</b> • Metric 10.7mm - Imports</p>	 <p><b>Part # 4238</b> • Diesel Kiki DKS16H oil fill plug • Hitachi A5000/MJS170 suction/discharge valve</p>	 <p><b>Part # 4172</b> • #10 Metric - dual o-ring</p>
 <p><b>Part # 4187</b> • Metric captive o-ring - Nissan, Calsonic</p>	 <p><b>Part # 4040</b> • #10 GM "dual" fitting o-ring (5/8")</p>	 <p><b>Part # 4002</b> • ATCO #8 compression fitting</p>	

# O-rings























All O-rings are actual size and high temperature green HNBR

 <p><b>Part # 4210</b></p> <ul style="list-style-type: none"> <li>• Use with Chrysler gasket # 4128</li> </ul>	 <p><b>Part # 4242</b></p> <ul style="list-style-type: none"> <li>• Matsushita S1150X3 sensor housing</li> </ul>	 <p><b>Part # 4218</b></p> <ul style="list-style-type: none"> <li>• Nissan condenser liquid line VIR sightglass</li> <li>• Mitsubishi FX80 discharge port</li> </ul>	 <p><b>Part # 4191</b></p> <ul style="list-style-type: none"> <li>• Metric 13.1mm imports</li> </ul>
 <p><b>Part # 4194</b></p> <ul style="list-style-type: none"> <li>• Metric o-ring for Ford #10 spring lock coupler</li> </ul>	 <p><b>Part # 4197</b></p> <ul style="list-style-type: none"> <li>• Metric #10 GM "captured" o-ring</li> </ul>	 <p><b>Part # 4248</b></p> <ul style="list-style-type: none"> <li>• Ford hose fitting - 5/8" #10 peanut</li> </ul>	 <p><b>Part # 4239</b></p> <ul style="list-style-type: none"> <li>• Metric - imports</li> </ul>
 <p><b>Part # 4205</b></p> <ul style="list-style-type: none"> <li>• Metric 14mm, Mitsubishi compressor</li> </ul>	 <p><b>Part # 4089</b></p> <ul style="list-style-type: none"> <li>• Metric Chrysler</li> </ul>	 <p><b>Part # 4010</b></p> <ul style="list-style-type: none"> <li>• #10 hose fitting</li> <li>• Ford #10 spring lock o-ring</li> <li>• Nissan evaporator suction line</li> <li>• Sanden TR70 suction port</li> <li>• Toyota suction line</li> </ul>	 <p><b>Part # 4030</b></p> <ul style="list-style-type: none"> <li>• #10 GM "captured" fitting o-ring</li> <li>• Matsushita S1150X3 carbon shaft seal</li> </ul>
 <p><b>Part # 4219</b></p> <ul style="list-style-type: none"> <li>• Metric - Imports</li> </ul>	 <p><b>Part # 4096</b></p> <ul style="list-style-type: none"> <li>• GM &amp; Asian Imports</li> </ul>	 <p><b>Part # 4213</b></p> <ul style="list-style-type: none"> <li>• Use with Chrysler gasket # 4133</li> </ul>	 <p><b>Part # 4173</b></p> <ul style="list-style-type: none"> <li>• #12 Metric - "dual" o-ring</li> </ul>
 <p><b>Part # 4203</b></p> <ul style="list-style-type: none"> <li>• Metric "captive" o-ring Nissan, Calsonic, Honda</li> </ul>	 <p><b>Part # 4211</b></p> <ul style="list-style-type: none"> <li>• Metric - Asian - compressor manifold use with Chrysler gasket # 4129</li> </ul>	 <p><b>Part # 4237</b></p> <ul style="list-style-type: none"> <li>• Nippondenso TV10CA carbon seal</li> </ul>	 <p><b>Part # 4215</b></p> <ul style="list-style-type: none"> <li>• Nissan compressor discharge flange</li> </ul>



# O-rings




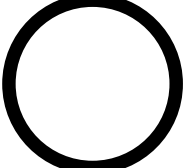
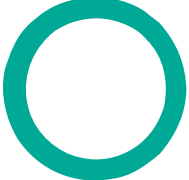


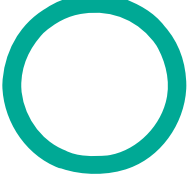

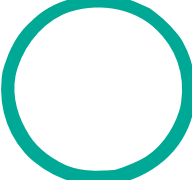

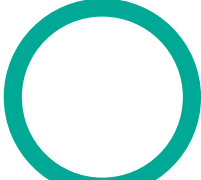
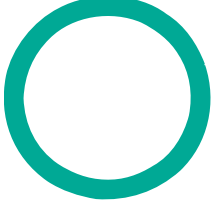

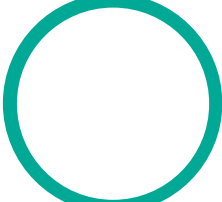

All O-rings are actual size and high temperature green HNBR

 <p><b>Part # 4042</b></p> <ul style="list-style-type: none"> <li>• #12 GM "dual" fitting o-ring</li> <li>• ATCO #10 compression fitting</li> <li>• Nissan suction/discharge (York reciprocating compressor)</li> </ul>	 <p><b>Part # 4032</b></p> <ul style="list-style-type: none"> <li>• #12 GM "captured" fitting o-ring</li> <li>• Chrysler A590/C171 carbon shaft seal Diesel Kiki DKS13G carbon shaft seal</li> <li>• Ford FS6 carbon shaft seal</li> <li>• GM A6/R4 carbon shaft seal</li> <li>• Nihon DKV14C carbon seal</li> <li>• Mitsubishi FX80 suction port</li> </ul>	 <p><b>Part # 4204</b></p> <ul style="list-style-type: none"> <li>• Metric "captive" o-ring - Nippondenso compressor - Nissan, Calsonic, Honda</li> </ul>	 <p><b>Part # 4097</b></p> <ul style="list-style-type: none"> <li>• Metric - Asian Imports</li> </ul>
 <p><b>Part # 4093</b></p> <ul style="list-style-type: none"> <li>• Metric - Asian Imports</li> </ul>	 <p><b>Part # 4241</b></p> <ul style="list-style-type: none"> <li>• Ford hose fitting - 3/4" #12 peanut</li> </ul>	 <p><b>Part # 4198</b></p> <ul style="list-style-type: none"> <li>• Metric o-ring for Ford #12 spring lock coupler</li> </ul>	 <p><b>Part # 4095</b></p> <ul style="list-style-type: none"> <li>• Metric - Asian Imports</li> </ul>
 <p><b>Part # 4091</b></p> <ul style="list-style-type: none"> <li>• Metric - Imports</li> </ul>	 <p><b>Part # 4243</b></p> <ul style="list-style-type: none"> <li>• Chrysler</li> </ul>	 <p><b>Part # 4090</b></p> <ul style="list-style-type: none"> <li>• Metric - Chrysler &amp; Imports</li> </ul>	 <p><b>Part # 4220</b></p> <ul style="list-style-type: none"> <li>• Mercedes w/tabs</li> </ul>
 <p><b>Part # 4094</b></p> <ul style="list-style-type: none"> <li>• Metric - Chrysler &amp; Asian Imports</li> </ul>	 <p><b>Part # 4012</b></p> <ul style="list-style-type: none"> <li>• #12 hose fitting</li> <li>• Ford #12 spring lock o-ring</li> <li>• GM V5 control valve (outside center)</li> <li>• VIR expansion valve (lower)</li> <li>• VIR expansion valve outlet</li> <li>• VIR compressor suction line connection</li> </ul>	 <p><b>Part # 4230</b></p> <ul style="list-style-type: none"> <li>• Diesel Kiki DKS16H</li> <li>• Carbon shaft seal</li> <li>• Hitachi service valve</li> <li>• Keihin 150L/150R carbon shaft seal/suction port</li> <li>• Mitsubishi FX105V sensor</li> <li>• Sanden TR90 discharge port</li> <li>• Sanden pad mount discharge</li> </ul>	 <p><b>Part # 4176</b></p> <ul style="list-style-type: none"> <li>• Volvo metric</li> </ul>
 <p><b>Part # 4202</b></p> <ul style="list-style-type: none"> <li>• Metric 16.9mm Nippondenso compressor</li> </ul>	 <p><b>Part # 4216</b></p> <ul style="list-style-type: none"> <li>• Metric - Asian - compressor manifold</li> </ul>	 <p><b>Part # 4086</b></p> <ul style="list-style-type: none"> <li>• Metric - Chrysler &amp; Asian Imports</li> </ul>	 <p><b>Part # 4175</b></p> <ul style="list-style-type: none"> <li>• Metric 17mm</li> </ul>

# O-rings



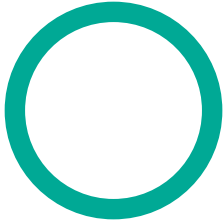
All O-rings are actual size and high temperature green HNBR

 <p><b>Part # 4004</b></p> <ul style="list-style-type: none"> <li>• ATCO #12 compression fitting</li> </ul>	 <p><b>Part # 4232</b></p> <ul style="list-style-type: none"> <li>• Diesel Kiki DKS15BH/DKS15CH discharge port</li> <li>• GM V5 control valve (outside)</li> <li>• Behr Bosch carbon shaft seal</li> <li>• Nihon DKV14B carbon shaft seal</li> <li>• Sanden TR105 discharge port</li> </ul>	 <p><b>Part # 4168</b></p> <ul style="list-style-type: none"> <li>• Chrysler expansion valve</li> </ul>	 <p><b>Part # 4246</b></p> <ul style="list-style-type: none"> <li>• Metric - Imports</li> </ul>
 <p><b>Part # 4078</b></p> <ul style="list-style-type: none"> <li>• Oval o-ring</li> <li>• Ford FS6 suction/discharge port</li> </ul>	 <p><b>Part # 4233</b></p> <ul style="list-style-type: none"> <li>• Hitachi SWP123/SWP167 service valve</li> <li>• Nippondenso 6P148 suction/discharge port</li> <li>• Sanden TR90 suction port</li> <li>• Sanden pad mount suction</li> </ul>	 <p><b>Part # 4245</b></p> <ul style="list-style-type: none"> <li>• Matsushita S1150X3 Sensor/NL1300AA4 metal seat</li> </ul>	 <p><b>Part # 4170</b></p> <ul style="list-style-type: none"> <li>• Chrysler A590/C171 suction/discharge port</li> <li>• Ford FS6 suction/discharge port</li> <li>• Nippondenso</li> <li>• 6P127A/6P127B/6E171A/</li> <li>• 6P134/10P13/10P15 suction/discharge port</li> </ul>
 <p><b>Part # 4209</b></p> <ul style="list-style-type: none"> <li>• Metric 19.8mm</li> <li>• Diesel Kiki</li> </ul>	 <p><b>Part # 4082</b></p> <ul style="list-style-type: none"> <li>• Chrysler EPR-ETR</li> <li>• Ford combination valve STV</li> <li>• Ford expansion valve</li> </ul>	 <p><b>Part # 4235</b></p> <ul style="list-style-type: none"> <li>• Diesel Kiki</li> <li>• DKS15BH/DKS13G suction port</li> <li>• Ford combination valve evaporator manifold to STV manifold</li> <li>• Ford expansion valve</li> <li>• Mitsubishi FX105V metal shaft seal seat</li> <li>• Sanden TR105 suction port</li> </ul>	 <p><b>Part # 4207</b></p> <ul style="list-style-type: none"> <li>• Sanden shaft seal seat</li> <li>• Diesel Kiki</li> </ul>
 <p><b>Part # 4050</b></p> <ul style="list-style-type: none"> <li>• Chrysler 6C17 switch port GM superheat/pressure switch port</li> </ul>	 <p><b>Part # 4043</b></p> <ul style="list-style-type: none"> <li>• Chrysler 6C17 lip seal GM A6/DA6/HR6/HR6HE/R4/V5 suction/discharge port</li> <li>• Nippondenso lip seal for 10PO8E/10PA15/10PA17/10PA20</li> <li>• Nissan hose manifold to York rotary compressor</li> </ul>	 <p><b>Part # 4179</b></p> <ul style="list-style-type: none"> <li>• GM &amp; Imports</li> </ul>	 <p><b>Part # 4247</b></p> <ul style="list-style-type: none"> <li>• Metric - Imports</li> </ul>



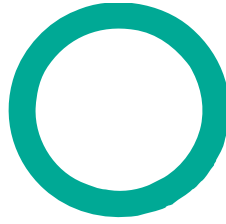
# O-rings

All O-rings are actual size and high temperature green HNBR



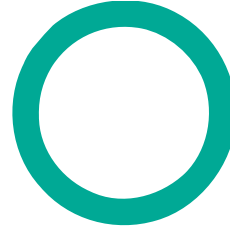
**Part # 4178**

- Sanden shaft seal seat



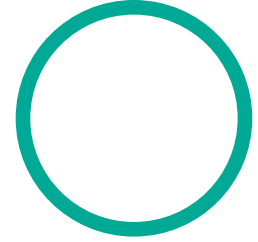
**Part # 4044**

- Chrysler expansion valve



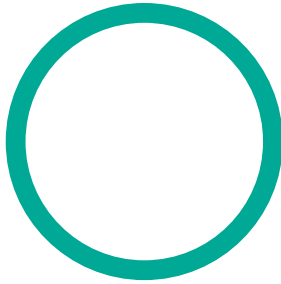
**Part # 4045**

- Oval o-ring
- GM suction/discharge port



**Part # 4046**

- Sanden compressor suction



**Part # 4177**

- GM Compressor shaft seal seat



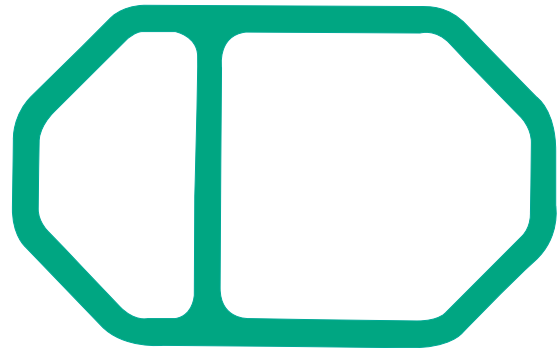
**Part # 4250**

- Toyota 10P15C, Nippondenso 10PA17, 10PA20, suction/discharge manifold gasket



**Part # 4252**

- Nippondenso 10P13C/10P15C manifold gasket



**Part # 4253**

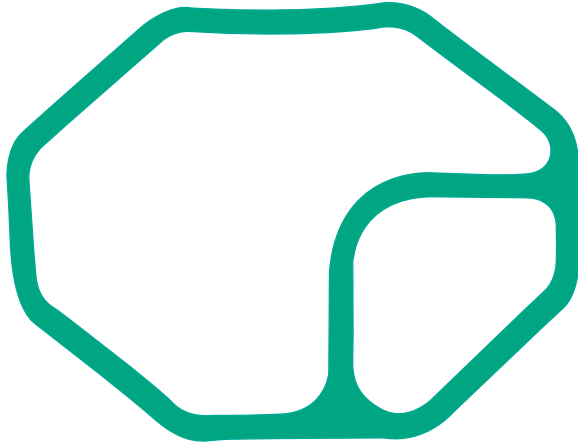
- Gasket - Nippondenso 10PA15, Mercedes



# O-rings & Gaskets

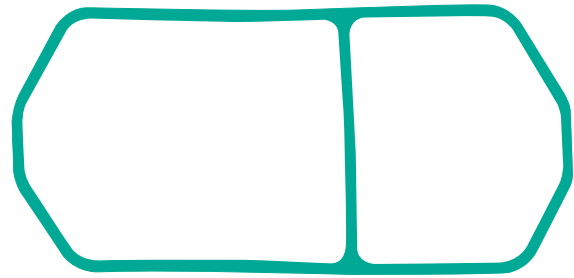


All O-rings are actual size and high temperature green HNBR



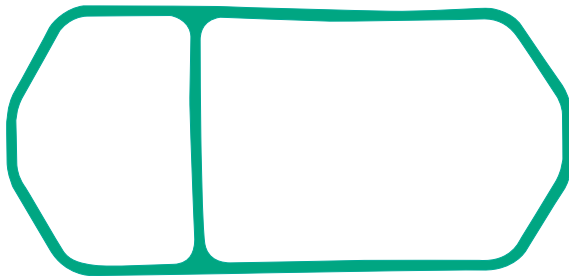
**Part # 4254**

- Gasket - Nippondenso 10PA17



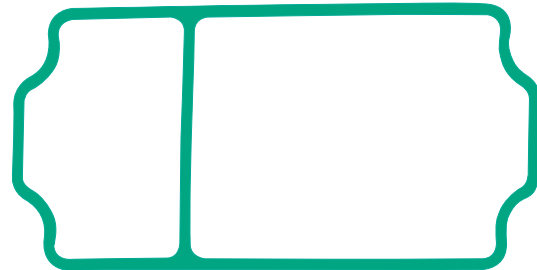
**Part # 4255**

- Gasket - Matsushita NL1300 series, Panasonic



**Part # 4256**

- Gasket - Matsushita NL1301 series, Panasonic



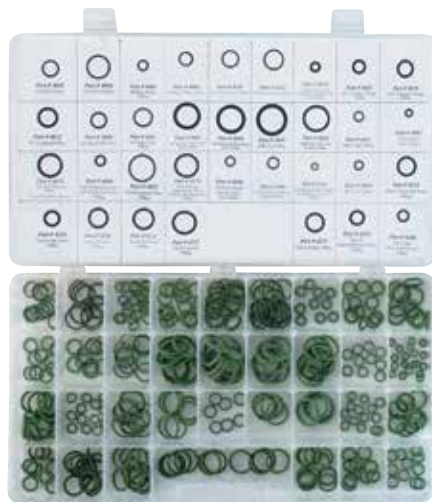
**Part # 4258**

- Gasket - Matsushita, Panasonic SA series

## Deluxe O-ring Assortment

**Part # 4275**

- 34 most popular sizes
- 350 pieces
- O-rings are high temperature green HNBR
- O-ring wall chart included



Refer to Page 46 for details

## FJC Spray O-ring Lubricant

**Part # 2206**

4 oz. can

- Easy aerosol spray prepares o-ring for installation



O-rings



# Sealing Washers

## Chrysler Sealing Washers & Kits

### Part # 4053

Chrysler sealing washer - Sanden discharge port



### Part # 4054

Chrysler sealing washer - Sanden suction port



### Part # 4072

Inside diameter 8.1 mm



### Part # 4361

Inside diameter 9.5 mm



### Part # 4362

Inside diameter 15 mm



### Part # 4075

Inside diameter 17.2 mm



### Part # 4364

Inside diameter 17.5 mm



### Part # 4365

Inside diameter 18.0 mm



### Part # 4384

Includes O-ring #4187

Chrysler compressor discharge sealing washer & o-ring.



### Part # 4385

Includes O-ring #4215

Chrysler compressor suction sealing washer & o-ring.



## Ford Sealing Washer Kits

### Part # 4388

Includes O-ring #4210

Ford compressor discharge sealing washer & o-ring.



### Part # 4389

Includes O-ring #4211

Ford compressor suction sealing washer & o-ring.



## Ford MSF Sealing Washers



### Part # 4347

Inside diameter 8 mm  
13.50 mm OD  
5.88 mm ID  
1.95 mm thickness

not to size



### Part # 4348

Inside diameter 12.7 mm  
17.75 mm OD  
10.10 mm ID  
2 mm thickness

not to size



### Part # 4349

Inside diameter 15.875 mm  
20.92 mm OD  
13.26 mm ID  
2 mm thickness

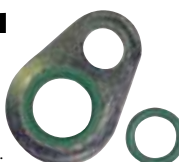
not to size

## Navistar Sealing Washer Kits

### Part # 4381

Includes O-ring #4230

Navistar - truck suction sealing washer & o-ring.



### Part # 4382

Includes O-ring #4180

Navistar - truck discharge sealing washer & o-ring



### Part # 4383

Navistar Truck Suction & Discharge Sealing Washer & O-ring Pack

#4382

#4381



## Freightliner Sealing Washers

### Part # 4370

Freightliner #6 sealing washer-slimline



### Part # 4371

Freightliner #8 sealing washer-slimline



### Part # 4372

Freightliner #10 sealing washer-slimline



### Part # 4376

Freightliner #12 stat seal



## Heavy Duty Truck Stat Seals Kit

### Part # 4459

• Single job kit

Kit Contains:

- 2 Part # 4373
- 2 Part # 4374
- 2 Part # 4375
- 2 Part # 4376
- 2 Part # 4377



# 4373 #6 stat seal



# 4374 #8 stat seal



# 4375 #10 stat seal (evaporator)



# 4376 #12 stat seal



# 4377 stat seal (evaporator)



# Sealing Washers



## GM Sealing Washers

All Sealing Washers shown not Actual Size

 <b>Part # 4060</b> Color Black Thickness 3.0 mm Outside diameter 27.9 mm Inside diameter 15.5 mm	 <b>Part # 4061</b> Color Silver Thickness 1.3 mm Outside diameter 31.5 mm Inside diameter 17.5 mm	 <b>Part # 4062</b> Color Silver Thickness 1.2 mm Outside diameter 27.9 mm Inside diameter 15.5 mm	 <b>Part # 4063</b> Color Green Thickness 5.5 mm Outside diameter 29.9 mm Inside diameter 15.5 mm
 <b>Part # 4064</b> Color Red Thickness 3.8 mm Outside diameter 29.9 mm Inside diameter 15.5 mm	 <b>Part # 4065</b> Color Yellow Thickness 3.0 mm Outside diameter 33.2 mm Inside diameter 15.5 mm	 <b>Part # 4066</b> Color Silver Thickness 1.2 mm Outside diameter 23.6 mm Inside diameter 15.5 mm	<b>Part # 4070</b> GM sealing washer insert GM long manifold pilot washer insert  <hr/> <b>Part # 4071</b> Sealing washer insert GM V5 short manifold pilot washer insert ('88-'91) 

## GM Block Fitting Sealing Washers - Slim Line

 <b>Part # 4072</b> Thickness 1.3 mm Outside diameter 16.1 mm Inside diameter 8.1 mm	 <b>Part # 4073</b> Thickness 1.3 mm Outside diameter 19.0 mm Inside diameter 11.1 mm	 <b>Part # 4074</b> Thickness 1.3 mm Outside diameter 23.6 mm Inside diameter 15.5 mm	 <b>Part # 4075</b> Thickness 1.3 mm Outside diameter 25.1 mm Inside diameter 17.2 mm
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## GM Sealing Washers Compressor Service Kits



Part #	Description
4350	Sealing washer service kit for GM 1979-1991. Contains 2 each of part # 4060
4351	Sealing washer service kit for GM 1989-1991. Contains 2 each of part # 4060 and 4071
4352	Sealing washer service kit for GM 1989-2009. Contains 2 each of part # 4062
4353	Sealing washer service kit for GM A6, LTR4, V5. Contains 1 each of part # 4061 and 4062.
4354	Sealing washer service kit for GM A6, R4. Contains 1 each of part # 4063, 4064, 4065, 4070, 4071.
4355	Master sealing washer service kit for GM compressors. Contains 1 each of Part # 4060, 4061, 4062, 4063, 4064, 4065, 4066, 4070, 4071

## Master Sealing Washer Assortment

### Part # 4296

- 15 part numbers - 47 pieces
- GM and Chrysler sealing washers
- O-ring wall chart included



#### Kit Contains:

3 Part # 4053	3 Part # 4061	2 Part # 4064	4 Part # 4070	4 Part # 4073
3 Part # 4054	3 Part # 4062	2 Part # 4065	4 Part # 4071	4 Part # 4074
3 Part # 4060	2 Part # 4063	2 Part # 4066	4 Part # 4072	4 Part # 4075































# Service Items

## Chrysler Metal Gaskets

Gaskets shown are not actual size and are high temperature green HNBR

<p><b>Part # 4123</b> Includes O-ring # 4210 &amp; # 4211</p>  <p>Dodge truck compressor gasket</p>	<p><b>Part # 4124</b> Includes O-ring # 4211</p>  <p>Dodge truck compressor gasket</p>	<p><b>Part # 4125</b> Includes O-ring # 4210</p>  <p>Dodge truck compressor gasket</p>	<p><b>Part # 4126</b> Includes O-ring # 4080</p>  <p>Chrysler 3/8" drier/liquid line metal gasket</p>	<p><b>Part # 4127</b> Includes O-ring # 4213</p>  <p>Chrysler 5/8" hose fitting metal gasket</p>
<p><b>Part # 4128</b> Dodge truck compressor gasket use with FJC #4210 o-ring</p> 	<p><b>Part # 4129</b> Dodge truck compressor gasket use with FJC #4211 o-ring</p> 	<p><b>Part # 4132</b> Chrysler 3/8" drier/liquid line metal gasket use with FJC #4080 o-ring</p> 	<p><b>Part # 4133</b> Chrysler 5/8" hose fitting metal gasket use with FJC #4213 o-ring</p> 	
<p><b>Part # 4162</b> Metal gasket Chrysler bottle block (.377" or 9.6mm pilot bolt hole)</p> 	<p><b>Part # 4158</b> Metal gasket Chrysler receiver drier (.437" or 11.1mm pilot bolt hole)</p> 	<p><b>Part # 4160</b> Metal gasket Chrysler suction line flange</p> 	<p><b>Part # 4130</b> Metal gasket Chrysler RV2 suction port</p> 	
<p><b>Part # 4142</b> Metal gasket Chrysler 6C17 discharge port</p> 	<p><b>Part # 4143</b> Metal gasket Chrysler 6C17 suction port</p> 	<p><b>Part # 4131</b> Metal gasket Chrysler RV2 discharge port</p> 	<p><b>Part # 4150</b> Metal gasket Chrysler manifold to expansion valve</p> 	<p><b>Part # 4151</b> Metal gasket Chrysler condenser manifold</p> 
<p><b>Part # 4154</b> Metal gasket Chrysler TXV to evaporator (gold valve)</p> 	<p><b>Part # 4166</b> Metal gasket Chrysler TXV to evaporator (gold to black valve)</p> 	<p><b>Part # 4140</b> Metal gasket Chrysler A590/C171 suction/discharge port</p> 	<p><b>Part # 4144</b> Metal gasket Chrysler suction line</p> 	




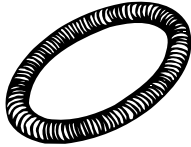
## Gaskets

 <p><b>Part # 4015</b> York/Tecumseh gasket</p>	 <p><b>Part # 4016</b> York/Tecumseh Lathe cut flange seal</p>	 <p><b>Part # 4017</b> York/Tecumseh Lathe cut seal</p>	 <p><b>Part # 4018</b> York/Tecumseh Teflon Rotolock seal</p>
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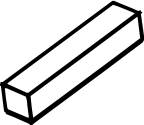
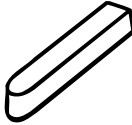

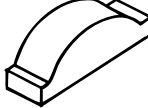
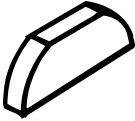

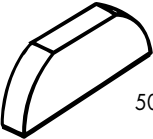




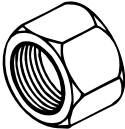
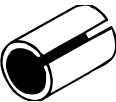









# Service Items



## Garter Springs For Spring Lock Couplers

 <p><b>Part # 4116</b> #6 Ford coupling garter spring</p>	 <p><b>Part # 4118</b> #8 Ford coupling garter spring</p>	 <p><b>Part # 4120</b> #10 Ford coupling garter spring</p>	 <p><b>Part # 4122</b> #12 Ford coupling garter spring</p>
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## Service Parts Parts shown are not actual size

 <p><b>Part # 4319</b> Shaft key GM A6/R4</p>	 <p><b>Part # 4317</b> Shaft key long A590/C171/ FS6/Nippondenso</p>	 <p><b>Part # 4318</b> Shaft key short 6C17/10P's</p>	 <p><b>Part # 4324</b> Shaft key York/Tecumseh</p>
 <p><b>Part # 4315</b> Shaft key Keihen 150L/15R Chrysler RV2</p>	 <p><b>Part # 4320</b> Shaft key SD 505(mini)/708/709</p>	 <p><b>Part # 4321</b> Shaft key Sanden 507/508/510 (large)</p>	 <p><b>Part # 4328</b> GM A6/R4 Flanged hub locknut</p>
 <p><b>Part # 4325</b> Ford .395 FX15 mounting bushing</p>	 <p><b>Part # 4307</b> Clutch shim .005 Keihen 150L/150R</p>	 <p><b>Part # 4305</b> Clutch shim .008 10PA/10PO8E/A590/ C171/DKS16H/FS6/HR980</p>	 <p><b>Part # 4327</b> A590/C171/FS6/ 6P127A,B/ 6P34/10PO8E/ HR980 clutch nut</p>
 <p><b>Part # 4326</b> Ford .595 FX15 mounting bushing</p>	 <p><b>Part # 4308</b> Clutch shim .015 Nippondenso 10P17/10PA/FX15/ SS170PSS/ TY12/TY14C</p>	 <p><b>Part # 4306</b> Clutch shim .020 A590/C171/DKS16H/ FS6/10PA/10PO8E</p>	 <p><b>Part # 4034</b> #8 Dual fitting gasket</p>
	 <p><b>Part # 4312</b> Clutch Shim -.010 TR70</p>		 <p><b>Part # 4035</b> #10 Dual fitting gasket</p>
 <p><b>Part # 4346</b> 6C17/FX15/ GM retaining ring</p>	 <p><b>Part # 4345</b> GM clutch hub retaining ring</p>	 <p><b>Part # 4335</b> C171 Clutch washer</p>	 <p><b>Part # 4036</b> #12 Dual fitting gasket</p>

## Assortments

### Keyway & Nut Assortment

#### Part # 4302



#### Kit Contains:

- 5 Part # 4315
- 5 Part # 4317
- 5 Part # 4318
- 5 Part # 4319
- 5 Part # 4320
- 5 Part # 4321
- 5 Part # 4324
- 3 Part # 4327
- 2 Part # 4328
- 5 Part # 4335
- 5 Part # 4345
- 5 Part # 4346

### Shim Assortment

#### Part # 4303

#### Kit Contains:

- 5 Part # 4305
- 5 Part # 4306
- 5 Part # 4307
- 5 Part # 4308
- 5 Part # 4312
- 2 Part # 4325
- 2 Part # 4326



Service Items



# Retrofit Kits/Assortments

## Basic Retrofit Kit

### Ester Oil Kit

**Part # 2538**

**Kit Contains:**

- 8 ounces of part # 2408 Estercool™ Oil
- Retrofit decal
- High & low side R-134a service port adapters 2602, 2603, 2604
- High & low side R-134a service port caps



### PAG Oil Kit

**Part # 2538P**

**Kit Contains:**

- 8 ounces of FJC part #2468 Universal PAG Oil
- Retrofit decal
- High & low side R-134a service port adapters 2602, 2603, 2604
- High & low side R-134a service port caps



Part #	Application
<b>2538</b> <b>2538P</b>	FJC Retrofit Kits will fit most cars, light and heavy duty trucks, vans, agricultural and off road equipment that use a mobile air conditioning system. Depending on the a/c system and it's condition of the system, retrofitting may require additional parts not contained in this kit.

## FJC Master Retrofit Kit

**Part # 2518**

- Contains the parts and instructions necessary to retrofit virtually any R-12 system to R-134a.
- FJC retrofit kit was created through an advanced research and development program.
- The R-134a retrofitted system should perform as well as the R-12 system.



**Kit Contains:**

- 1 **Part # 2032** - FJC A/C Flush Solvent
- 1 **Part # 2408** - 8 oz. Estercool™ Oil
- 1 **Part # 2602** - R-134a Service Port Low Side
- 1 **Part # 2603** - R-134a Service Port High Side
- 1 **Part # 2604** - R-134a Service Port High Side
- 1 **Part # 2614** - R-134a Service Port Cap
- 1 **Part # 2615** - R-134a Service Port Cap
- 1 **Part # 2687** - Retrofit Decal
- 1 **Part # 2815** - Step-By-Step Instruction Manual: "A Guide To Retrofitting"

## Retrofit Kits



Part #	Application
<b>2530</b>	FJC Retrofit Kits will fit most cars, light and heavy duty trucks, vans, agricultural and off road equipment that use a mobile air conditioning system. Depending on the a/c system and it's condition of the system, retrofitting may require additional parts not contained in this kit.

**Includes:**

- 8 ounces of Estercool™ oil
- Step-by-step instruction manual: "A Guide To Retrofitting"
- Retrofit decal.
- High & low side R-134a service port adapters.
- High & low side R-134a service port caps.

### R-134a Retrofit Assortment

**Part # 2665**



- Contains the adapters necessary to retrofit virtually any mobile A/C system.
- Adapters meet SAE J639 specifications.

**Kit Contains:**

- 10 Part # 2602
- 5 Part # 2603
- 5 Part # 2604
- 3 Part # 2606
- 10 Part # 2614
- 10 Part # 2615
- 5 Part # 2617
- 3 Part # 2618
- 3 Part # 2620
- 1 Part # 2632
- 1 Part # 2633
- 1 Part # 2634
- 5 Part # 2672
- 3 Part # 2673
- 10 Part # 2687

### R-134a Retrofit Assortment

**Part # 2662**



- Contains adapters necessary to retrofit any mobile A/C systems.
- Adapters meet SAE J639 specifications.

**Kit Contains:**








- 6 Part # 2602
- 4 Part # 2603
- 2 Part # 2604
- 1 Part # 2606
- 6 Part # 2614
- 6 Part # 2615
- 1 Part # 2618
- 1 Part # 2620
- 5 Part # 2672
- 6 Part # 2687

Retrofit Kits


# Retrofit Products



## R-134a Service Port Adapters

<p><b>Remove R-12 valve core from service port on vehicle before installing any retrofit adapter containing a valve core</b></p>	<p><b>Straight</b> low side 1/4" flare (7/16" SAE)</p>  <p>Part # 2602 Use cap #2614</p>	<p><b>Straight</b> high side 3/16" flare (3/8" SAE)</p>  <p>Part # 2603 Use cap #2615</p>	<p><b>Straight</b> high side 1/4" flare (7/16" SAE)</p>  <p>Part # 2604 Use cap #2615</p>	<p><b>Straight</b> high side 2 piece GM</p>  <p>Part # 2606 Use cap #2615</p>
<p><b>90°</b> low side 1/4" flare (7/16" SAE)</p>  <p>Part # 2632 Use cap #2614</p>	<p><b>90°</b> high side 3/16" flare (3/8" SAE)</p>  <p>Part # 2633 Use cap #2615</p>	<p><b>90°</b> high side 1/4" flare (7/16" SAE)</p>  <p>Part # 2634 Use cap #2615</p>	<ul style="list-style-type: none"> <li>• R-134a service port adapters will adapt existing R-12 service ports to R-134a service ports.</li> <li>• Will accept standard R-134a quick couplers used with R-134a manifold gauge sets.</li> <li>• Use when retrofitting from R-12 to R-134a.</li> <li>• R-134a service port adapters meet SAE J639 standards.</li> </ul> <p><b>Note:</b> When using part #'s 2632, 2633 or 2634, remove original valve core prior to installing.</p>	

## R-12 & R-134a Service Port Caps

<p>Blue low side</p>  <p>15mm fitting 8mm threads Part # 2614</p>	<p>Red high side</p>  <p>17mm fitting 8mm threads Part # 2615</p>	<p><b>R-12 Service Port Termination Caps</b></p>	<p>1/4" flare (7/16" SAE) Part # 2618</p>  <p>3/16" flare (3/8" SAE) Part # 2620</p>
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## High Pressure Shutoff Switch Assembly

**Part # 3245**

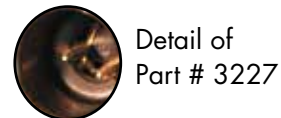


- Contacts open at 410 psi and close at 150 psi.
- Install on systems without a high pressure shutoff switch to prevent damage from high head pressure and to comply with EPA regulations.
- Use tee adapter with 10mm switch port.
- Includes switch and connector w/ leads.
- Includes wiring instructions.
- Refer to "A Guide to Retrofitting" for the EPA regulation. Part # 2815

## R-134a Compressor Clutch Cycling Pressure Switches

- Part # 3225** (GM 1978 - 1993)  
**Part # 3227** (GM - CK Truck 1989 - 1993)  
**Part # 3238** (Ford 1981 - 1993)

- For use on systems which have been retrofitted from R-12 to R-134a.
- Replaces R-12 cycling pressure switches.
- When retrofitting, these switches have a lower cycle off pressure to compensate for the difference between R-12 and R-134a.
- Use these switches as instructed by the "A Guide to Retrofitting" manual. Part # 2815



## Retrofit Decal

**Part # 2687**  
 10 label per pack  
 Alerts A/C technician that vehicle has been retrofitted to R-134a.



## Retrofit Manual

"A Guide To Retrofitting"  
 Fourth Edition  
**Part # 2815**

- Covers most vehicles from 1970 to present.
- R-134a refrigerant capacities chart for retrofitting systems.
- Troubleshooting chart.
- Refrigerant oil capacities chart.





# Battery Testers

## 12 Volt Battery Tester

Part # 45125

- 3.9V - 19.9V.
- 90CCA - 1400CCA.
- Tests 12 volt starting/charging systems.
- Battery condition shown in percentage of capacity.
- Uses conductance technology.
- Detects bad cells - reverse polarity protection.
- Made in USA
- Case included.



## 12/24/36 Volt Battery Tester

Part # 45135

- 3.9V - 49.9V.
- 390CCA - 1700CCA.
- Tests 12/24/36V starting/charging systems.
- Tests 42 V hybrid systems
- 4 ft. cable.
- Uses conductance technology.
- Tests flooded lead acid & AGM batteries.
- Made in USA
- Case included



## 6/12/24/36 Volt Battery Tester

Part # 45150

- 0V - 49.9V.
- 100CCA - 3500CCA.
- Tests 6/12/24/36V starting/charging systems.
- Tests 42V hybrid systems.
- Tests series & parallel batteries.
- Displays alternator output voltage.
- Alternator ripple test & starter system draw.
- Made in USA
- Case included.



## Carbon Pile Battery Tester - 1000 AMP

Part # 45118

- 1000 AMP
- Load tests 6V/12V/24V batteries
- Test alternators, regulators & starters
- Test batteries up to 2000 cold cranking amps
- Separate volt and Amp meters
- 56 in solid copper cables with HD clamps



## Carbon Pile Battery Tester - 500 AMP

Part # 45115

- 500 AMP
- Load tests 12V batteries
- Test alternators, regulators & starters
- Tests batteries up to 160Ah/1000 cold cranking amps
- Separate volt and amp meters
- Solid copper cables with heavy duty clamps





# Battery Testers, Chargers & Maintainers



**125 AMP  
Battery Tester**  
Part # 45107

- Tests 6 & 12 volt batteries
- Test car/truck batteries of current draw, voltage, and alternator performance
- Quick 10 second load test



**100 AMP  
Battery Tester**  
Part # 45110

## Battery Chargers/Maintainers



**500mA**  
Part # 52005



**1 AMP**  
Part # 52010



**1.5 AMP**  
Part # 52015

- 12 volt charger that keeps batteries charged and maintained to peak performance
- Maintains the charge in an installed battery so you do not have to disconnect battery from vehicles, boats, motorcycles, snowmobiles, etc.
- Automatically switches between charging mode and float mode monitoring

**FJC Battery Terminal  
Protector - 12 oz**  
Part # 45918



- Prevents corrosion on battery terminals and cable connections
- Seals out moisture
- Will not wash off



# Power Inverters



**Part # 53040**



**Part # 53070**



**Part # 53100**



**Part # 53150**

Part #	Watts
53040	Inverter - 400 watt
53070	Inverter - 700 watt
53100	Inverter - 1000 watt
53150	Inverter - 1500 watt
53200	Inverter - 2000 watt
53300	Inverter - 3000 watt
53500	Inverter - 5000 watt

- Converts 12 volt DC power into 120 volt AC power with multiple outlets
- Provides portable AC power for cars, trucks, RV and boats
- Use with portable handheld tools, TV's, electric lights, computers and more
- Connection cables and Instructions Included
- Low battery alarm
- Overload protection
- Short circuit protection



**Part # 53200**



**Part # 53300**

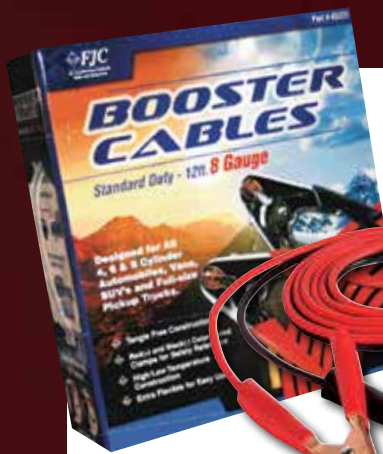


**Part # 53500**

**CAUTION: Read enclosed manuals carefully before operation. Failure to install properly could result in battery failure or electrocution.**

# Professional Booster Cables

Part #	Duty Rating	Wire Gauge	Clamp AMP Rating	Length in Ft.	Clamp	Package
45215	Light	10	250	12	STD	Sleeve
45223	Standard	8	500	12	STD	Box
45229	Heavy	6	600	16	STD	Box
45233	Extra heavy	4	600	16	Parrot	Box
45234	Extra heavy	4	600	20	Parrot	Box
45244	Commercial	2	600	20	Parrot	Box
45245	Commercial	2	600	25	Parrot	Box
45255	Commercial	1	800	25	HD	Plastic Case
45265	Commercial	2/0	800	25	HD	Plastic Case



**Light Duty Cable**



**Standard Duty Cable**



**Heavy Duty Cable**



**Commercial Duty Cable**



**Heavy Duty 600 AMP Replacement Clamp Sets**



**Part # 45262**

**Commercial Duty 800 AMP Replacement Clamp Sets**



**Part # 45268**



# Booster Cable Displays

## FJC Booster Cable Display - 3 Ft

Part # 53973



- 8 part numbers
- 21 items
- Pegboard hooks and planogram included

4 Each	<b>Part # 45215</b>
2 Each	<b>Part # 45223</b>
2 Each	<b>Part # 45229</b>
4 Each	<b>Part # 45233</b>
3 Each	<b>Part # 45234</b>
2 Each	<b>Part # 45244</b>
2 Each	<b>Part # 45245</b>
2 Each	<b>Part # 45255</b>

*Gondola fixture NOT included*



## FJC Deluxe Cable Display - 4 Ft

Part # 53974



- 15 part numbers
- 44 items
- Pegboard hooks and planogram included

2 Each	<b>Part # 45215</b>
3 Each	<b>Part # 45223</b>
3 Each	<b>Part # 45229</b>
3 Each	<b>Part # 45233</b>
3 Each	<b>Part # 45234</b>
3 Each	<b>Part # 45244</b>
3 Each	<b>Part # 45245</b>
2 Each	<b>Part # 45255</b>
2 Each	<b>Part # 45262</b>
2 Each	<b>Part # 45268</b>
2 Each	<b>Part # 46139</b>
2 Each	<b>Part # 46330</b>
6 Each	<b>Part # 45915</b>
6 Each	<b>Part # 45918</b>
2 Each	<b>Part # 46141</b>

*Gondola fixture NOT included*

Booster Cable Displays

# Power Division Displays



## FJC Power Division Display - 3 Ft

Part # 53983



- 29 part numbers
- Pegboard hooks and planogram included

1 Each	<b>Part # 45107</b>	1 Each	<b>Part # 46226</b>
1 Each	<b>Part # 45110</b>	1 Each	<b>Part # 46230</b>
1 Each	<b>Part # 46136</b>	1 Each	<b>Part # 46321</b>
1 Each	<b>Part # 46139</b>	1 Each	<b>Part # 46325</b>
1 Each	<b>Part # 46141</b>	1 Each	<b>Part # 46326</b>
1 Each	<b>Part # 46155</b>	1 Each	<b>Part # 46330</b>
1 Each	<b>Part # 46156</b>	1 Each	<b>Part # 46335</b>
1 Each	<b>Part # 46162</b>	1 Each	<b>Part # 52005</b>
1 Each	<b>Part # 46164</b>	1 Each	<b>Part # 52010</b>
1 Each	<b>Part # 46174</b>	1 Each	<b>Part # 52015</b>
1 Each	<b>Part # 46215</b>	1 Each	<b>Part # 52020</b>
1 Each	<b>Part # 46217</b>	1 Each	<b>Part # 53040</b>
1 Each	<b>Part # 46219</b>	1 Each	<b>Part # 53070</b>
1 Each	<b>Part # 46222</b>	1 Each	<b>Part # 53150</b>
1 Each	<b>Part # 46224</b>		

*Gondola fixture NOT included*



## FJC Power Division Display - 4 Ft

Part # 53984



- 33 part numbers
- Pegboard hooks and planogram included

1 Each	<b>Part # 43648</b>	1 Each	<b>Part # 46230</b>
1 Each	<b>Part # 45107</b>	1 Each	<b>Part # 46321</b>
1 Each	<b>Part # 45110</b>	1 Each	<b>Part # 46325</b>
1 Each	<b>Part # 45115</b>	1 Each	<b>Part # 46326</b>
1 Each	<b>Part # 46136</b>	1 Each	<b>Part # 46330</b>
1 Each	<b>Part # 46139</b>	1 Each	<b>Part # 46335</b>
1 Each	<b>Part # 46141</b>	1 Each	<b>Part # 52005</b>
1 Each	<b>Part # 46155</b>	1 Each	<b>Part # 52010</b>
1 Each	<b>Part # 46156</b>	1 Each	<b>Part # 52015</b>
1 Each	<b>Part # 46162</b>	1 Each	<b>Part # 52020</b>
1 Each	<b>Part # 46164</b>	1 Each	<b>Part # 53040</b>
1 Each	<b>Part # 46173</b>	1 Each	<b>Part # 53070</b>
1 Each	<b>Part # 46174</b>	1 Each	<b>Part # 53100</b>
1 Each	<b>Part # 46217</b>	1 Each	<b>Part # 53150</b>
1 Each	<b>Part # 46219</b>	1 Each	<b>Part # 53200</b>
1 Each	<b>Part # 46222</b>		
1 Each	<b>Part # 46224</b>		
1 Each	<b>Part # 46226</b>		

*Gondola fixture NOT included*

Power Division  
Displays



# Battery Tools & Accessories



## 4-in-1 Battery Cleaner

Part # 46136

- Services most battery types
- Reshape post/terminals



## Battery Terminal Cleaner

Part # 46139

- Cleans terminal posts and cable ends



## Battery Terminal Cleaner with Brush

Part # 46141

- Sturdy plastic housing with steel brushes
- Cleans terminals



## Top Post Battery Terminal Lifter

Part # 46155

- Remove terminal easily from top post battery



## Deluxe Top Post Battery Terminal Lifter

Part # 46156

- Heavy construction with a spring loaded assist



## Battery Terminal Pliers

Part # 46162

- Rubber coated handle for comfort and tighter grip



## Battery Terminal Spreader

Part # 46164

- Spreads battery terminals
- Rubber handle



## HD Adjustable Battery Carrier

Part # 46173

- Adjusts to batteries up to 7-1/2" wide
- Riveted pads



## 14" Battery Strap

Part # 46174

- Convenient way to carry top post batteries



## 5/16" Extended Terminal Ratchet

Part # 46325

- Long reach - rubber handle



## 5/16" Terminal Ratchet

Part # 46321

- Rubber handle - fits 5/16" bolts



## 10mm Terminal Ratchet

Part # 46326

- Rubber handle - fits 10mm bolts

# Battery Tools & Accessories



## 7 Piece Battery Maintenance Kit

Part # 46330



### Kit Includes

Part # 46136	4-in-1 battery cleaner
Part # 46155	Top post battery lifter
Part # 46162	Battery terminal pliers
Part # 46164	Battery terminal spreader
Part # 46325	5/16" extended terminal ratchet
Part # 46321	5/16" terminal ratchet
Part # 46326	10 mm terminal ratchet



46162



46326

46321

46325

## Battery Hold-Down with J-Style Bolts

Part #	Description
46222	5" hold-down w/ 8" J-style bolt
46224	7" hold-down w/ 10" J-style bolt
46226	7" hold-down w/ 12" J-style bolt



## J-Style Battery Hold - Down Bolts

Part #	Description
46215	J-style hold-down bolt 8"
46217	J-style hold-down bolt 10"
46219	J-style hold-down bolt 12"



## Universal Battery Hold-Down Bracket



Part #	Description
46230	Universal battery hold-down bracket



### Battery Hydrometer

Part # 46335

- Indicator dial shows battery charge & specific gravity



### Antifreeze/Coolant Hydrometer

Part # 43648

- Indicator dial with F° and C° scale



### 2 Qt. Battery Filler

Part # 46342

- Auto shutoff valve prevents overflowing
- Acid resistant

# Radiator Test Tools

## Heavy Duty Cooling System Pressure Test & Refill Kit

Part #43655



- FJC Heavy Duty Cooling System Test and Refill Kit uses shop air to maintain constant pressure to the cooling system during testing and Refill. Our kit helps eliminate the complications that are often experienced with unreliable rubber plugs or bladders, saving set up time and providing more accurate test results. The quick disconnect vacuum attachment allows rapid refilling of the cooling system and eliminates airlocks
- The FJC kit is designed for use with Freightliner, International, Kenworth, Peterbilt, Mack, Volvo, GMC and Sterling cooling systems
- The FJC kit includes heavy duty vehicle adapters, a pressure test regulator, a vacuum refill attachment with tubing plus a heavy duty storage case
- The FJC Heavy Duty Cooling System Test and Refill Kit Part # 43655 is made in the USA



# Radiator Test Tools



## Deluxe Radiator & Radiator Cap Pressure Test Kit with Coolant Vacuum/Refill Tool

### 28 Piece Kit

**Part # 43664**

- For use in pressure testing radiator caps & radiators
- For use with most domestic and import autos and light trucks



Part #	Description	Color	Slot #
43700	Thermometer	-	0
43801	Hand pump	-	1
43802BL	123/124	Black	2A
43802BK	123/124	Black	2B
43703	2-1/4" adapter	Aluminum	3
43704	1-3/4" adapter	Aluminum	4
43705	1-5/8" adapter	Aluminum	5
43806	Tester adaptor	Dark pink	6
43807	Tester adaptor	Orange	7
43808	Tester adaptor	Purple	8
43809	Tester adaptor	Purple	9
43841	Tester adaptor	White	10
43812	Tester adaptor	Sea green	11
43813	Tester adaptor	Light pink	12
43814	Tester adaptor	Blue	13
43815	Tester adaptor	Camo green	14
43616	Tester adaptor	Tan	15
43617	Tester adaptor	Green	16
43618	Tester adaptor	Light blue	17
43619	Tester adaptor	Neon green	18
43630	Tester adaptor	Rust	19
43821	Tester adaptor	Green	20
43848	Universal coupler adaptor	Brass	21
43849	Coolant refill assembly	-	-
43816	Cap wrench	-	-



## FJC Master Radiator & Radiator Cap Pressure Test Kit

### 24 Piece Kit

**Part # 43645**

- For use in testing radiators and radiator caps
- Confirms radiator and cooling systems leaks
- Test radiator caps for proper operation
- Includes adapters for late model GM & Ford

Use to test the following vehicles			
Chrysler	Nissan	Lexus	Mercedes Benz
Ford	Mazda	Honda	Jeep
GM	Toyota	Audi	SAAB
Mitsubishi	Infiniti	BMW	Volvo
VW			

Part #	Description	Color	Slot #
43700	Thermometer	-	0
43801	Hand Pump	-	1
43802BK	Tester Adaptor	Black	2A
43802BL	Tester Adaptor	Blue	2B
43703	Tester Adaptor	2-1/4"	3
43704	Tester Adaptor	1-3/4"	5
43705	Tester Adaptor	1-5/8"	4
43806	Tester Adaptor	Gold	6
43807	Tester Adaptor	Brown	7
43808	Tester Adaptor	White	8
43809	Tester Adaptor	Purple	9
43810	Tester Adaptor	Gray	10
43811	Tester Adaptor	Red	11
43812	Tester Adaptor	Green	12
43813	Tester Adaptor	Blue	13
43814	Tester Adaptor	Yellow	14
43815	Tester Adaptor	Pink	15
43616	Tester Adaptor	Violet	16
43617	Tester Adaptor	Lt Blue	17
43618	Tester Adaptor	Sea Green	18
43619	Tester Adaptor	Purple	19
43620	Tester Adaptor	White	20
43621	Tester Adaptor	Tan	21
43816	Cap Wrench	-	-
43624	Replacement Gasket Kit	-	-

## Radiator and Radiator Cap Pressure Test Kit

### 20 Piece Kit

**Part # 43660**

- For use in pressure testing radiator caps & radiators
- For use with most domestic and import autos and light trucks



Part #	Description	Size/Color
43701	Hand Pump	-
43501	Aluminum Tester Adapter	2-3/4"
43502	Aluminum Tester Adapter w/ Insert	2-3/4"
43503	Black Tester Adapter	2-3/4"
43504	Black Tester Adapter	2"
43505	Black Tester Adapter	1-3/4"
43506	Tester Adapter	Orange
43507	Tester Adapter	Silver
43508	Tester Adapter	Violet
43509	Tester Adapter	Gold
43510	Tester Adapter	Blue
43511	Tester Adapter	Purple
43512	Tester Adapter	Lt. Blue
43513	Tester Adapter	Green
43514	Tester Adapter	Red
43515	T-Adapter w/ Hose	-
43516	Large Cap Tester Adapter	-
43517	Small Cap Tester Adapter	-

# Radiator Test Tools

## FJC Radiator Pressure Test Kit 14 Piece Kit Part # 43650



Use to test the following vehicles

Chrysler	Honda
Ford	Audi
GM	BMW
Mitsubishi	Mercedes
Nissan	Benz
Mazda	Jeep
Toyota	SAAB
Infiniti	Volvo
Lexus	VW

Note: Does not fit all years of all models of vehicles shown above

## FJC Radiator and Radiator Cap Pressure Test Kit 18 Piece Kit Part # 43658



Slot #	Part #	Slot #	Part #
0	43700	8	43708
1	43701	9	43709
2	43702	10	43710
3	43703	11	43711
4	43704	12	43712
5	43705	13	43713
6	43706		
7	43707		

Slot #	Part #	Slot #	Part #	Slot #	Part #
0	43700	6	43806	13	43813
1	43801	7	43807	14	43814
2	43802BK	8	43808	15	43815
2	43803BL	9	43809		
3	43703	10	43810		
4	43704	11	43811		
5	43705	12	43812		

- Use pressure pump with adapters to test radiator & cooling systems.
- Blow molded case keeps tools organized and easy to carry.

Part # 43650 replacement parts

Part #	Description	Size/Color	Part #	Description	Size/Color
43700	Thermometer	-			
43701	Hand pump	-	43708	Tester adapter	Blue
43702	Tester adapter	2-3/4"	43709	Tester adapter	Red
43703	Tester adapter	2-1/4"	43710	Tester adapter	Gold
43704	Tester adapter	1-3/4"	43711	Tester adapter	Green
43705	Tester adapter	1-5/8"	43712	Tester adapter	Purple
43706	Tester adapter	Brown	43713	Tester adapter	Violet
43707	Tester adapter	Aqua	43715	replacement gasket kit	

- For use in testing radiators and radiator caps.
- Confirms radiator and cooling systems leaks.
- Test radiator caps for proper operation.
- Blow molded case keeps tools organized and easy to carry

Part # 43658 replacement parts

Part #	Description	Size/Color	Part #	Description	Size/Color
43700	Thermometer	-	43809	Tester adapter	Purple
43703	Tester adapter	2-1/4"	43810	Tester adapter	Gray
43704	Tester adapter	1-3/4"	43811	Tester adapter	Red
43705	Tester adapter	1-5/8"	43812	Tester adapter	Green
43801	Hand pump	-	43813	Tester adapter	Blue
43802BK	Tester adapter	Black	43814	Tester adapter	Yellow
43802BL	Tester adapter	Blue	43815	Tester adapter	Pink
43806	Tester adapter	Gold	43816	Cap wrench	-
43807	Tester adapter	Brown	43820	Replacement gasket kit	
43808	Tester adapter	White			



### Late Model Ford Radiator Pressure Tester Adapter

Part # 43831

- For use with FJC pressure test kits shown above



### Late Model GM Radiator Pressure Tester Adapter

Part # 43826

- For use with FJC pressure test kits shown above

# Radiator Test Tools



## Radiator Coolant Vacuum Refill Kit

### Part # 43610

- Uses shop air to evacuate & leak test automotive cooling system
- Use to refill coolant in minutes



## Hand-Held Refractometer with Automatic Temperature Compensation

### Part # 43910

- Tests the concentration of the battery fluids, antifreeze liquid and cleaning fluids
- Metal body with rubber grip
- Includes case



## Battery Hydrometer

### Part # 46335

- Indicator dial shows battery charge & specific gravity



## Antifreeze/Coolant Hydrometer

### Part # 43648

- Indicator dial with F° and C° scale



# Service Port & Cap Information

Description	Service Port or	
	Valve Core	Use with Cap
Retrofit Adapter	2606	2615
R-134a Service Port	2607	2614
R-134a Service Port	2608	2614
OE R-134a Service Port	2609	2617
Aftermarket R-134a Service Port	2609	2615
R-134a Service Port	2610	2615
8mm Valve Core	2676	2626
10mm Valve Core	2677	2616

FJC part #	Contents
2557	Part # 2607 and Cap 2614
2558	Part # 2608 and Cap 2614
2574	Part # 2609 and Cap 2615
2576	Part # 2610 and Cap 2615

# Compressor Lubricant Information

OE Oil Part #	FJC #	Viscosity
ND-8	2484	PAG 46
ND-11	2450	Hybrid Oil
ND-12	2458	R-1234yf Oil
PAG-R	2487	PAG 100
PAG-S	2484	PAG 46
SP-A2	2458	R-1234yf Oil
SP-10	2484	PAG 46
SP-15	2484	PAG 46
SP-20	2487	PAG 100
SP-56	2484	PAG 46
TYPE-R	2487	PAG 100
TYPE-S	2484	PAG 46
UC-488	2490	PAG 150
UCON-488	2490	PAG 150
YN-9-A	2205	Mineral Oil
YN-12	2484	PAG 46
YN-12A	2484	PAG 46
YN-12B	2484	PAG 46
YN-12C	2484	PAG 46
YN-22	2450	Hybrid Oil
YN-24	2487	PAG 100
ZXL100	2484	PAG 46
ZXL100PG	2484	PAG 46
ZXL200	2487	PAG 100
ZXL200PG	2487	PAG 100

# Vehicle PAG Oil Viscosities

Vehicle Manufacturer	Compressor Manufacturer	Compressor Type	FJC PAG Oil Part #	FJC PAG Oil w/Dye Part #	System Oil Capacity Ounces	OE Part #	Viscosity
Acura	Nippondenso	10PA, 10P	2484, 2485	2493, 2494	6	Acura # 38899-PR7-A01 ND-8	46
Alfa Romeo	Sanden	SDV	2484, 2486	2493, 2495	4	SP-10	46
Audi	Diesel Kiki	DCW	2484, 2485	2493, 2494	6	Audi# G-052-200-A2 ND-8	46
Audi	Nippondenso	10P	2484, 2485	2493, 2494	7	Audi# G-052-200-A2 ND-8	46
Audi	Zexel	DCW	2484, 2485	2493, 2494	7	Audi# G-052-300-A2 ZXL-100	46
BMW	Bosch/Behr	Wing	2484, 2485	2493, 2494	7		46
BMW	Bosch/Behr	Axial	2490, 2491	2498, 2499	7		150
BMW	Nippondenso	10PA, 10P	2484, 2485	2493, 2494	7	BMW #82-111-468-042 ND-8	46
BMW	Seiko Seiki	SS	2484, 2485	2493, 2494	6	SX10	46
Chrysler	Nippondenso	10PA, 10P, 6P	2484, 2485	2493, 2494	7	Chrysler # 82300102 ND-8	46
Chrysler	Sanden (piston type)	SBD709, SD7090, SD71115	2487, 2488	2495, 2496	5	Chrysler # 82300349 SP-20	100
Chrysler	Sanden (scroll type)	TRS-105, TRS-090	2490, 2491	2498, 2499	6	Chrysler # 4886129AA	150
Chrysler	Mitsubishi	FX-105V, FX-105VS, FXA80, FX8	2484, 2485	2493, 2494	10	Chrysler # 82300592 SP-56	46
Ford	Nippondenso	10P/10PA	2484, 2485	2493, 2494	7	ND-8	46
Ford	Sanden	SD	2487, 2488	2495, 2496	5	SP-20	100
Ford	Panasonic	Rotary	2484, 2485	2493, 2494	5	YN12/12A	46
Ford	Ford	FS10/FX15	2484, 2485	2493, 2494	7	F2AZ-19577-ACISCO Motorcraft #YN-12B	46
GM	Delphi/Harrison	A6, DA6, HR6, LTR4, V5, V7, HTC6	2490, 2491	2498, 2499	8	GM# 12345923 Delco 15-118	150
GM	Delphi/Harrison	R4	2490, 2491	2498, 2499	5	GM# 12345923 Delco 15-119	150
GM	Nippondenso	10PA	2484, 2485	2493, 2494	6	ND-8	46
GM	Sanden	SD7	2487, 2488	2495, 2496	5	SP-20	100
GM	Sanden	SD5	2487, 2488	2495, 2496	6	SP-21	100
GEO	Sanden	10PO	2484, 2485	2493, 2494	6	ND-8	46
Honda	Diesel Kiki	DKV	2484, 2485	2493, 2494		ZXL-100PG	46
Honda	Hadsys	TC	2484, 2485	2493, 2494			46
Honda	Kiehen	HS	2487, 2488	2495, 2496			100
Honda	Matsushita	NL	2484, 2485	2493, 2494			46
Honda	Nippondenso	10P	2484, 2485	2493, 2494	6	ND-8	46
Honda	Nippondenso	HADSYS 7 Cyl.	2484, 2485	2493, 2494	6	ND-8	46
Honda	Sanden	SD	2487, 2488	2495, 2496	6	SP-20	100
Honda	Sanden Scroll	TR	2484, 2485	2493, 2494	6	Honda # 38897P13A01AH (SP-10)	46
Hyundai	Ford	FS10	2484, 2485	2493, 2494	7	YN12/12A	46
Hyundai	Halla	FX15, HS10	2484, 2485	2493, 2494	7	FD46S6	46
Hyundai	Nippondenso	10PA, 10P	2484, 2485	2493, 2494	7	ND-8	46
Hyundai	Sanden	SD709	2487, 2488	2495, 2496	7		100
Infiniti	Calsonic	V5, V6	2484, 2485	2493, 2494	7	Type S	46
Infiniti	Zexel	-	2490, 2491	2498, 2499	5	Type R	150
Infiniti	Diesel Kiki	DKS	2484, 2485	2493, 2494	6	ZXL-100PG	46
Isuzu	Zexel		2484, 2485	2493, 2494	5	ZXL100	46
Isuzu	GM	V5	2484, 2485	2493, 2494	8		46
Isuzu	Diesel Kiki/Zexel	KC50	2484, 2485	2493, 2494	6	XL200	46
Isuzu	Diesel Kiki/Zexel	Rotary	2484, 2485	2493, 2494	7	XL100	46
Jaguar	Sanden	SD7H	2487, 2488	2495, 2496	6	SP-20	100
Lamborghini	Sanden	SD7	2487, 2488	2495, 2496	5	SP-20	100
Land Rover	Sanden	TRS	2484, 2485	2493, 2496	4	SP-10	46
Land Rover	Sanden	SD7	2487, 2488	2495, 2496	5	SP-20	100
Lexus	Nippondenso	10PA, 10P	2484, 2485	2493, 2494	6	Lexus # 08885-09107 ND-8	46
Lotus	Sanden	SD	2484, 2485	2493, 2494	6	SP-20	46

# Vehicle PAG Oil Viscosities

Vehicle Manufacturer	Compressor Manufacturer	Compressor Type	FJC PAG Oil Part #	FJC PAG Oil w/Dye Part #	System Oil Capacity Ounces	OE Part #	Viscosity
Mazda	Matsushita	NL, SA	2484, 2485	2493, 2494	5		46
Mazda	Sanden	SD508, SD510, SD709	2487, 2488	2495, 2496	5	SP-20	100
Mazda	Nippondenso	10PA	2484, 2485	2493, 2494	5	ND-8	46
Mazda	Nippondenso	TV	2487, 2488	2495, 2496	5		100
Mazda	Ford	FS10, FX15	2484, 2485	2493, 2494	7	YN12/12A	46
Mercedes Benz	GM	A6, R4	2490, 2491	2498, 2499		Delco # 15-118	150
Mercedes Benz	Nippondenso	10PA, 10P	2484, 2485	2493, 2494	7	MB # 001-989-0803 ND-8	46
Mercedes Benz	Nippondenso	6CA	2484, 2485	2493, 2494	8	MB # 001-989-0803 ND-8	46
Mercedes Benz	York	206, 209, 210	2487, 2488	2495, 2496	8	MB # 001-989-0803	100
Mitsubishi	Nippondenso	10PA	2484, 2485	2493, 2494	6	ND-8	46
Mitsubishi	Mitsubishi	FX/MS	2484, 2485	2493, 2494	5	ND-9	46
Nissan	ATSUGI	NVR140S	2487, 2488	2495, 2496		Nissan # KLH00-PAGR1 Type R	100
Nissan	Calsonic	Rotary	2484, 2485	2493, 2494	6	Nissan # KLH00-PAGS1 Type S	46
Nissan	Ford	FS10	2484, 2485	2493, 2494	6	Nissan # KLH00-PAGQF Type F	46
Nissan	Hitachi	MJS170	2484, 2485	2493, 2494	6	Nissan # KLH00-PAGS1 Type S	46
Nissan	Zexel (Vane Rotary)	DKV-14C	2487, 2488	2495, 2496	6	Nissan # KLH00-PAGR1 Type R	100
Nissan	Zexel (Swash Plate)	DKS-16H	2484, 2485	2493, 2494	6	Nissan # KLH00-PAGS1 Type S	46
Porsche	Nippondenso	10P, 6E, 6P	2484, 2485	2493, 2494	6	Porsche # PNA573001 (ND-8)	46
Puegeot	Sanden	SD7	2487, 2488	2495, 2496	5	SP-20	100
Saab	Sanden		2487, 2488	2495, 2496	6	Saab # 4074787 (SP-20)	100
Saturn	Diesel Kiki Zexel	DKV	2490, 2491	2498, 2499	6	ZXL200	150
Saturn	Diesel Kiki Zexel	DCV	2490, 2491	2498, 2499	6	ZXL201	150
Subaru	Calsonic	V5	2490, 2491	2498, 2499	6	Delco 15-100	150
Subaru	Zexel	Rotary	2490, 2491	2498, 2499	6	Type R	150
Subaru	Calsonic	CR	2484, 2485	2493, 2494	6	Delco 15-118	46
Subaru	Diesel Kiki	15CH	2484, 2485	2493, 2494	6	ZXL-100PG	46
Toyota	Nippondenso	10PA, 10P	2484, 2485	2493, 2494	6	ND-8	46
Toyota	Nippondenso	TV	2487, 2488	2495, 2496	6	ND-9	100
Toyota	Nippondenso	SC08	2484, 2485	2493, 2494	6	ND-8	46
Volvo	Diesel Kiki	DKS-13	2484, 2485	2493, 2494	6	Volvo # 1161425 ZXL-100PG	46
Volvo	Sanden	SD510	2487, 2488	2495, 2496	6	SP-20	100
Volvo	Sanden	SD7	2487, 2488	2495, 2496	6	SP-20	100
Volvo	Seiko Seiki	SS	2484, 2485	2493, 2494	6	S10X	46
VW	Sanden	SD508, SD510, SD709	2487, 2488	2495, 2496	5	VW# G-052-154-A2 (SP-20)	100
VW	Sanden	SD7V	2484, 2485	2493, 2494	4	SP-10	46

The intention of this chart is to be used as a quick reference for PAG Oil usage specifications only. Verify with the vehicle manufacturer for exact lubricant Viscosity and oil capacities. This information generally can be found in the engine compartment or a tag on the compressor.

# Interchanges

Acura	FJC
38646-SA5-003	4223
38839-PR7-A01	4250
38899-PR7-A01	2484
80223-ST7-A11	4221
80865-S84-003	2615
80865-SL0-003	2624
80865-SS0-A11	2615
80866-SL0-003	2623
80866-ST0-003	2623
80866-ST7-A11	2614
80871-S50-000	4203
80871-SL0-900	4010
80871-SN7-000	4213
80871-SN7-003	4213
80871-ST7-000	4213
80872-SL0-900	4008
80872-SN7-003	4187
80872-ST7-000	4203
80873-S50-000	4222
80873-SL0-900	4186
80873-SN7-003	4080
80873-ST7-000	4080
80874-SL0-900	4186
80874-SW5-003	4221
8-52478-919-0	4186
91301-SM4-A00	4223
91315-SE0-000	4008
9-97161-778-0	4203

Audi	FJC
302-272-679	3011
443-271-191A	3036
4B0-820-177	3011
8-97093-509-0	3435
8A0-820-177AA	3011
G052-200-A2	2484
G-052-200-A2	2484
G052-300-A3	2484
G-052-300-A3	2484

BMW	FJC
64-50-1-365-078	4190
64-50-1-468-463	4006
64-50-1-468-464	4008
64-50-1-468-465	4010
64-50-1-468-466	4012
64-50-8-369-241	4230

BMW	FJC
64-50-8-374-959	4028
64-50-8-375-741	4218
64-52-1-466-033	2672
64-53-8-375-742	4237
82-111-468-042	2484

Chrysler	FJC
2219383	4006
3773546	4130
3846272	4131
3846834	4150
3846835	4151
3846836	4154
3847081	4140
3847083	4158
3849730	4143
4638189	4144
4677045	4166
4720747	4162
4728705	4189
4740401	4194
4741705	4193
4741716	4187
4746864	4191
4761998	3271
4773013	3024
4796564	4211
4796565	4187
4798675	4006
4882136	4032
4882137	4196
4882139	4006
5210223	4160
5264373	4142
36002432	3024
55036182	3024
82300102	2484
82300349	2487
82300592	2484
04897612AB	3277
4886129AA	2484
5066497AA	4125
5072141AA	4127
5072939AA	4127
5139486AA	4127
5139487AA	4125

Chrysler	FJC
5161761AA	4126
5174115AA	4125

DELCO	FJC
10-5026	2484
10-5040	2484
15-100	2468
15-1119	2672
15-1122	3203
15-116	2205
15-117	2205
15-118	2490
15-120	4910
15-20470	4053
15-20471	4054
15-2122	3322
15-2151	3203
15-2235	3375
15-2336	3319
15-234	4328
15-235	4345
15-2352	3203
15-2390	3312
15-2503	3379
15-2647	3205
15-2827	3266
15-2830	3328
15-2832	3227
15-2840	3264
15-286	4015
15-2874	3265
15-2960	3262
15-2962	3266
15-30169	4045
15-30170	4030
15-30247	4012
15-30314	4035
15-30418	2606
15-30419	2603
15-30420	2602
15-30421	2633
15-30422	2632
15-30462	2639
15-30477	2616
15-30487	4010
15-30490	2614

DELCO	FJC
15-30570	4190
15-30571	4223
15-30572	4190
15-30581	2617
15-30791	3014
15-30917	4074
15-30973	3014
15-30974	4170
15-30992	4190
15-30999	4050
15-3101	4006
15-31053	3004
15-31054	4072
15-31055	4073
15-31056	4075
15-31084	3008
15-31101	4075
15-31134	3008
15-31186	2612
15-3153	4206
15-31692	2621
15-31693	2622
15-31696	4290
15-31703	4297
15-31722	4144
15-31802	4078
15-31806	4116
15-31807	4118
15-31808	4120
15-31809	4122
15-31812	4192
15-31813	4193
15-31814	4194
15-31815	4198
15-31873	4203
15-31879	4143
15-31880	4130
15-31881	4160
15-31884	4142
15-31889	4252
15-31901	4061
15-31902	4064
15-31903	4063
15-31904	4065
15-31905	4071

DELCO	FJC
15-31906	4070
15-31963	3006
15-32504	2672
15-32505	2674
15-32506	2673
15-32516	4028
15-32567	2610
15-32568	4006
15-32570	2615
15-32592	2632
15-32621	2626
15-32621	2626
15-32622	2616
15-32645	2614
15-32755	4144
15-32756	4053
15-32757	4054
15-32790	2609
15-32791	2607
15-3317	6065
15-3319	2622
15-3320	2621
15-33204	2612
15-3321	2672
15-33288	2622
15-33289	2615
15-33325	4193
15-33326	4192
15-33410	3012
15-3446	4140
15-3447	4166
15-3448	4158
15-3449	4130
15-3450	4150
15-3451	4151
15-3452	4160
15-3453	4131
15-3491	4030
15-3592	4006
15-3610	4026
15-3613	4206
15-3614	4008
15-3615	4012
15-3886	4045
15-3978	4171

# Interchanges

DELCO	FJC
15-3982	4040
15-3983	4173
15-3984	4028
15-3985	4032
15-46	4319
15-50135	3431
15-50149	2672
15-50154	2674
15-50172	2677
15-50176	2676
15-50286	2745
15-50543	2674
15-50749	3426
15-50753	3433
15-51010	3286
15-51013	3411
15-51015	3420
15-51016	3421
15-51017	3423
15-51022	3435
15-51024	3424
15-51030	3285
15-51031	3282
15-51032	3288
15-51034	3429
15-51041	3277
15-51044	3430
15-51058	3412
15-51127	3426
15-51163	3321
15-51164	3414
15-51167	3283
15-51168	3349
15-5151	3011
15-5234	2621
15-5260	3016
15-5296	3016
15-5375	2673
15-5378	3012
15-5438	2610
15-5453	2609
15-5454	2607
15-5455	2617
15-5456	2607
15-5457	2614

DELCO	FJC
15-5458	2609
15-5459	2617
15-5513	2614
15-5514	3245
15-5527	2676
15-5528	2677
15-5612	3013
15-5634	3262
15-5643	3266
15-5653	3014
15-5705	3266
15-5720	3267
15-5753	3016
15-5754	3036
15-5755	3017
15-5756	3019
15-5757	3020
15-5758	3024
15-5759	3014
15-5759	3014
15-5849	3415
15-5851	3340
15-5854	3287
15-5855	3284
15-5857	3280
15-5859	3271
15-5863	3214
15-6743	4034
15-75106	6030
15-75113	2880
15-75114	2712
15-75121	2734
15-75135	2714
15-75137	2740
15-75138	6715
15-75149	6009
15-75150	6010
15-91243	2687
15-91244	2733

Ford	FJC
1F1Z-19E889-AB	4043
1W1Z-19E889-BB	4234
1W1Z-19E889-CC	4248
1W1Z-19E889-DC	4241
1W1Z-19E889-EB	4190

Ford	FJC
1W1Z-19E889-GB	4194
1W1Z-19E889-HB	4192
1W1Z-19E889-JB	4193
1W1Z-19E889-KB	4198
1W1Z-19E889-LB	4199
390697-S	4078
39097-S	4078
391302-S100	4006
391303-S100	4008
391305-S100	4198
391306-S100	4010
391307-S100	4012
391397-S100	4193
3W1Z-19E561AA	3285
4L3Z-19D701-A	2677
4L3Z-19D701-A	2677
4W1Z-19E5610-AA	3288
6L3Z-19D594-A	3349
6W7Z-19E561A	3286
87002-S94	4052
87002-S94	4052
87014-S91	4010
87014-S91	4010
E0VY-19D990A	3016
E1EH-19D990AA	3016
E1FZ-19D990A	3016
E1VY19D702A	2622
E1ZZ-19E576A	4116
E1ZZ-19E576B	4118
E35Y-19E561A	3214
E35Y-19E576A	4120
E69Z-19D701A	2672
E69Z-19D701A	2672
E69Z-19E576A	4122
F2AZ-19577-ACISCO	2484
F39Z-19D990A	3020
F3AZ-19D702A	2615
F3AZ-19D702A	2615
F3AZ-19D702-A	2615
F3AZ-19D702B	2614
F3AZ-19D702-B	2614
F3AZ-19E561A	3280
F3AZ-19E561A	3280
F4XY-19D701A	2674
F4XY-19D702A	2611 & 2612

Ford	FJC
F52Z-19D990AB	3018
F5CZ-19D594-AA	3411
F5DZ-19D990AB	3019
F5RZ-19E561A	3280
F5RZ-19E561A	3280
F5UZ-19D990AB	3017
F5VY-19E561A	3284
F5XZ-19D990AB	3016
F6RZ-19E561AA	3287
F6RZ-19E561AA	3287
F7RZ-19D701BA	2676
F7RZ-19D702AA	2616
F7RZ-19D702BA	2626
F8RZ-19D701AA	2677
N801189-S	4170
N805340-S	4043
N805340-S	4043
N806959-S	4043
N806959-S	4043
N807115-S	4051
N807115-S	4051
W701424-S100	4190
W701686-S300	4199
W701992-S300	4193
W701992-S300	4193
W701993-S300	4192
W701994-S300	4194
W702560-S300	4198
W702645-S300	4234
W702647-200	4248
W702647-200	4248
W702647-S300	4248
W702649-S300	4241
W704589-S300	4043
W707992-S	4193
XC4Z-19D990AA	3021
XS4Z-19D594-AA	3412
YC1Z-19E561BA	3283
YC2Z-19E561AA	3282

4 Seasons	FJC
20050	3321
20052	3414
20057	3349
20058	3320
20912	3267
20916	3358

4 Seasons	FJC
20921	3286
20922	3274
20924	3411
20927	3420
20928	3421
20929	3423
20946	3435
20948	3424
20957	3285
20958	3282
20959	3288
20962	3429
20963	3431
20971	3277
20974	3430
20989	3412
21102	4253
21103	4254
21104	4220
23678	4171
23680	4172
23682	4173
24066	4053
24067	4054
24068	4385
24069	4384
24082	4090
24083	4175
24085	4246
24087	4176
24101	4015
24104	4052
24109	4197
24114	4080
24117	4018
24121	4051
24124	4162
24125	4197
24127	4253
24131	4196
24134	4143
24136	4131
24137	4130
24138	4150
24139	4151



# Interchanges

4 Seasons	FJC	4 Seasons	FJC	4 Seasons	FJC	4 Seasons	FJC	4 Seasons	FJC
24140	4160	24350	4035	24559	4218	24662	4189	36496	3262
24141	4030	24352	4036	24564	4179	24666	4192	36497	3271
24142	4032	24353	4060	24578	4038	24668	4193	36572	3426
24148	4235	24354	4061	24580	4040	24670	4194	36655	3265
24149	4166	24355	4062	24582	4042	24672	4198	36658	3264
24150	4237	24356	4064	24600	4290	24674	4191	36659	3266
24151	4140	24357	4063	24602	4232	24675	4195	36664	3205
24152	4158	24358	4065	24604	4052	24676	4199	36674	3225
24153	4154	24359	4071	24605	4206	24677	4201	36675	3227
24154	4130	24360	4070	24606	4006	24678	4038	36676	3238
24156	4250	24401	4072	24607	4186	24679	4202	37301	3433
24157	4142	24402	4073	24608	4008	24681	4203	38621	3016
24158	4144	24403	4074	24609	4051	24682	4204	38623	3011
24159	4218	24404	4075	24610	4010	24683	4205	38635	3017
24167	4228	24405	4206	24611	4182	24684	4086	38638	3012
24171	4324	24500	4293	24612	4012	24685	4207	38639	3019
24172	4328	24501	4294	24613	4233	24686	4209	38640	3020
24174	4315	24502	4232	24615	4043	24702	4295	38641	3024
24175	4345	24504	4052	24616	4183	24706	4006	38642	3014
24176	4319	24505	4278	24617	4186	24707	4186	38643	3018
24190	4318	24506	4006	24618	4196	24708	4190	38643	3118
24191	4317	24508	4008	24619	4045	24712	4012	38645	3004
24216	4116	24510	4010	24620	4288	24718	4008	38645	3104
24218	4118	24512	4012	24621	4078	24719	4010	38646	3008
24220	4120	24513	4170	24622	4230	26254	2538	38887	3013
24222	4122	24515	4043	24623	4050	26255	2538	38902	3131
24252	4002	24516	4177	24626	4026	35751	3203	38903	3133
24254	4042	24519	4045	24628	4028	35756	3322	39071	3021
24256	4004	24520	4016	24629	4080	35820	3499	39072	3014
24302	4232	24522	4082	24632	4044	35960	3214	59000	2205
24319	4045	24523	4050	24633	4168	35967	3375	59002	2487
24321	4078	24524	4230	24635	4178	35970	3319	59003	2490
24322	4230	24526	4026	24641	4030	35972	3379	59007	2484
24324	4233	24528	4028	24642	4032	35973	3331	59008	9145
24333	4124	24532	4044	24646	4208	35974	3328	59009	2408
24334	4350	24533	4168	24648	4235	35993	3428	59010	2862
24336	4351	24535	4178	24649	4238	36485	3283	59015	2408
24338	4352	24541	4030	24650	4190	36485	3287	59019	2206
24340	4353	24542	4032	24651	4170	36486	3284	59020	9145
24342	4354	24546	4208	24652	4002	36487	3276	59023	5909
24343	4125	24550	4190	24653	4187	36487	3276	59024	2710
24344	4124	24552	4002	24654	4042	36489	3415	59026	9147
24345	4126	24554	4042	24656	4004	36491	3340	59027	2714
24346	4127	24555	4286	24659	4218	36493	3341	59028	2712
24348	4034	24556	4004	24661	4238	36494	3280	59030	2406

# Interchanges

4 Seasons FJC		4 Seasons FJC		4 Seasons FJC		4 Seasons FJC		GM FJC	
59035	2405	59215	6910	59651	2882	69087	4928	3094216	4012
59037	2733	59216	6014	59652	2883	69088	4923	3094219	4190
59038	2728	59218	6603	59653	2884	69089	4946	3096068	3012
59047	4910	59219	6714	59654	2885	69181	2925	3096248	4171
59048	4910	59220	6761	59664	7540	69182	5110	3096249	4040
59054	4923	59228	5110	59692	6096	69184	6916	3096250	4173
59055	4923	59236	6323	59693	6095	69199	2755	3096605	3205
59056	4928	59254	6016	59694	6136	69344	9153	3140600	4008
59057	4958	59256	4196	59695	6135	69345	9150	3157425	4206
59060	2716	59302	2745	59750	2840	69346	9158	5887997	4045
59065	4914	59303	2742	59796	6419	69500	2623	5910609	2673
59066	4914	59305	2744	59896	6429	69501	2624	5911737	2621
59067	4928	59306	2744	59932	2613	69991	2400	5914817	2672
59068	4923	59307	6005	59933	2617			6551178	2672
59089	2443	59308	6006	59937	2626			6551454	3322
59091	2200	59335	2675	59938	2616			6551640	2621
59099	2432	59337	6001	59945	2608			6555088	4006
59100	6065	59338	6002	59946	2610			6555533	4206
59105	6039	59345	2673	59957	2639			6557018	2672
59106	6050	59346	2672	59965	2637			6558587	4045
59107	6031	59347	2674	59967	6144			6559423	4071
59108	6055	59355	2676	59970	2687			6559423	4071
59109	6066	59356	2677	59972	2609			6590589	4328
59111	6034	59419	2910	59973	2607			6590591	4345
59112	6060	59490	5110	59975	2606			6599461	4006
59113	6030	59518	7635	59976	2602			6599465	4206
59116	6034	59524	2830	59977	2604			8526398	4006
59119	2619	59528	2850	59978	2603			9288674	4192
59120	6041	59535	5110	59980	2665			9288675	4193
59124	6061	59543	2830	59981	2632			10007057	3203
59126	6031	59568	2795	59982	2618			10027604	2673
59136	6313	59569	2792	59983	2620			10245619	2677
59145	2740	59574	2734	59985	2634			10245620	2616
59148	2815	59576	2729	59986	2633			10411717	3004
59167	7696	59583	7537	59987	2614			10413367	3005
59168	6087	59590	2790	59988	2615			12301108	2205
59169	6089	59607	6047	59990	2617			12301594	4008
59173	6088	59615	6091	59995	2751			12301595	4012
59195	4965	59617	6092	59996	6439			12301945	4006
59198	6715	59620	2621	59997	2746			12301946	4010
59199	6761	59621	2622	59998	2748			12306957	2622
59201	6603	59623	6093	69077	4965			12306958	2621
59205	6900	59626	2621	69078	4965			12306964	6065
59208	2783	59634	2941	69085	4914			12307041	2672
59212	6905	59650	2880	69086	4910			12307177	4206
GM FJC		GM FJC		GM FJC		GM FJC		GM FJC	
2724020	3322								
2724333	3328								
2724575	4060								
2724577	4062								
2724579	4050								
2724674	4045								
2724888	4065								
2724889	4064								
2724890	4063								
2724891	4070								
2724952	4074								
2724958	4190								
2724959	4050								
2724966	4075								
3031336	3203								
3033879	3011								
3033919	3011								
3040600	4008								
3041336	3203								
3041409	3203								
3041596	3203								
3053197	4026								
3053204	4032								
3090774	4030								
3093111	4026								
3093112	4028								
3093411	4032								
3093509	4006								
3094213	4206								
3094214	4008								
3094215	4010								

# Interchanges

GM	FJC
12322488	4140
12322489	4166
12322490	4158
12322491	4130
12322492	4150
12322493	4151
12322494	4160
12322495	4131
12323173	3016
12323913	2205
12345923	2490
12346292	2468
12356151	2490
15035084	3267
15097129	3013
15784601	3004
15966454	3265
15981985	3245
15982611	2639
19144712	3433
19188158	3274
19188160	3411
19188164	3421
19188165	3423
19188170	3435
19188172	3424
19188181	3288
19188183	3429
19188190	3277
19188193	3340
19188207	3412
19189509	3340
19189562	3426
19189736	3433
19194736	3321
19194737	3414
19194741	3349
21999682	2612
21999682	2612
22588591	2617
22638852	2614
22670747	2676
22670748	2626
22670753	2677
25604948	3264

GM	FJC
25613357	2607
25613359	2609
25613359	2614
25613362	2617
25620187	2617
25625020	2676
25625022	2614
25671803	3012
25671803	3014
25740419	4203
52450547	4223
52450548	4190
52454645	4028
52454646	4032
52454678	4171
52455752	4062
52455752	4062
52455756	4061
52456067	4171
52456068	4040
52456069	4173
52457853	3205
52457910	4060
52458183	4190
52458184	2610
52458249	3262
52458698	4030
52458768	2615
52460714	4034
52460715	4035
52460716	4036
52460742	4012
52460878	3262
52460909	3014
52464975	3266
52465555	3227
52466358	3266
52467324	2606
52467941	2603
52467943	2602
52469054	2633
52469055	2632
52473660	3014
52474373	4073
52474375	4075

GM	FJC
52477004	3013
52477087	4072
52486385	3008
52491859	2612
88901445	2484
88917666	3340
88918373	2621
88918374	2622
88918462	4053
88918463	4054
88919510	3016
88919511	3011
88919512	3017
88919513	3019
88919514	3020
88919515	3024
88919516	3014
89022191	2484
89032840	2672
89032842	2673
89034235	4028
89051338	2607
91172095	4170
92140264	2615
92140266	2672
92145721	2674
94113332	4006
UC488	2490
UCON-488	2490

Honda	FJC
7964885	2450
38646-SA5-003	4223
38647-692-660	4008
38839-PH1-003	4250
38839-PR7-A01	4250
38897P0AA01AH	2484
38897-P0A-A01AH	2484
38897P13A01AH	2484
38897PR7A01AH	2484
38897-PR7-A01AH	2484
38899-RCJ-A01	2450
38899-RMX-A01	2450
80223-AT7-A11	4221
80223-ST7-A01	4221

Honda	FJC
80223-ST7-A11	4221
80865-S5D-A11	2615
80865-S84-003	2615
80865-SCC-003	2624
80865-SDA-A11	2624
80865-SDN-A01	2615
80865-SEP-A11	2612
80865-SL0-003	2624
80865-SN7-003	2624
80865-SS0-A11	2615
80865-ST0-003	2624
80865-SVA-A01	2624
80865-SW5-003	2624
80866-SDA-A11	2613
80866-SDN-A01	2613
80866-SJC-A00	2623
80866-SJK-003	2623
80866-SL0-003	2623
80866-SN7-003	2623
80866-ST0-003	2623
80866-ST7-A11	2614
80866-SW5-003	2623
80871-S50-000	4203
80871-SAA-003	4213
80871-SL0-900	4010
80871-SN7-000	4187
80871-SN7-003	4213
80871-ST7-000	4187
80872-SLO-900	4008
80872-SN7-003	4187
80872-ST7-000	4203
80872-ST7-000	4203
80873-S50-000	4222
80873-SAA-003	4080
80873-SLO-900	4186
80873-SN7-003	4080
80873-ST7-000	4080
80874-SL0-900	4186
80874-SW5-003	4221
8-52478-919-0	4186
8-94481-717-0	4008
8-97093-509-0	3435
8-97113-883-0	2613
8-97113-884-0	2612
8-97161-776-0	4006

Honda	FJC
8-97161-778-0	4203
8-97223-125-0	4086
91301-SM4-A00	4223
91301-SM4-A11	4186
91308-PB8-610	4216
91315-SE0-000	4008
91315-SE0-A11	4008
91638-SF1-A11	2622
91639-SF1-013	2621
91639-SF1-A11	2621
9-97161-778-0	4203
DN.S10X	2484
DNS10X	2484
DN-S10X	2484
ND-OIL 8	2484
SE10Y	2450
SE-10Y	2450
SP10	2484
SP-10	2484

Motorcraft	FJC
ND8	2484
SP20	2487
YF-1134	4120
YF-1319	4122
YF-1475	4078
YF-1593	4043
YF-1752	4198
YF-1753	4006
YF-1754	4008
YF-1755	4010
YF-1787	4006
YF-1788	4008
YF-1803	2615
YF-1962	4043
YF-2038	2611 & 2612
YF-2089	2613
YF-2090	2674
YF-2122	2614
YF-2198	2672
YF-2237	4051
YF-2369	4192
YF-2370	4193
YF-2371	4194
YF-2441	2626



# Interchanges

Murray	FJC	Murray	FJC	Murray	FJC	Murray	FJC	Murray	FJC
407021	4235	407116	4170	407329	4125	409568	2626	781200	6014
407022	4044	407117	4230	407330	4124	409569	2616	781201	6018
407025	4026	407118	4008	407331	4126	409570	2614	781301	7611
407026	4030	407119	4010	407332	4127	409571	2615	781302	7612
407027	4186	407122	4044	407333	4123	409574	2610	781303	7621
407028	4078	407124	4002	407401	4072	409576	2617	781304	7600
407030	4045	407125	4026	407402	4073	409580	6002	781307	2925
407031	4038	407130	4045	407403	4074	409581	6001	781308	7634
407032	4040	407131	4038	407404	4075	409600	2443	781309	2830
407033	4042	407132	4040	407405	4206	409882	2487	781310	2910
407034	4186	407133	4042	409500	2408	409883	2490	781400	6715
407037	4218	407134	4186	409501	2490	409888	2484	781409	6607
407039	4238	407137	4218	409502	2487	409889	2400	781410	6715
407044	4082	407168	4043	409503	2484	409901	2603	781412	6697
407049	4238	407170	4016	409506	9147	409902	2604	781417	6533
407051	4228	407183	4205	409510	2432	409903	2602	781418	6523
407053	4196	407184	4050	409512	9145	409904	2606	781419	6513
407055	4006	407192	4190	409513	9145	409905	2618	781420	6537
407057	4197	407193	4193	409514	9145	409906	2620	781421	6527
407075	4195	407194	4050	409517	2128	409907	2633	781422	6527
407076	4199	407195	4194	409517	2128	409908	2634	781423	6539
407077	4201	407196	4198	409517	2406	409909	2632	781424	6529
407078	4038	407197	4196	409517	2406	409914	2674	781425	6519
407079	4202	407198	4197	409518	2400	409915	2662	781430	6557
407081	4203	407199	4192	409521	2610	409916	2687	781433	6005
407082	4204	407201	4183	409522	2608	409917	2746	781434	6006
407084	4086	407204	4052	409523	5909	409918	2748	781440	6080
407085	4246	407212	4012	409525	6439	409921	2770	781444	6061
407086	4209	407214	4168	409527	6429	409939	2613	781460	6144
407087	4176	407215	4232	409529	6419	409943	2617	781501	6607
407101	4051	407268	4043	409533	6034	409951	6014	781533	6009
407102	4170	407273	4062	409534	6030	409982	2538	781534	6010
407103	4208	407275	4061	409538	6433	409983	2538	781550	6697
407104	4206	407276	4060	409539	6413	419530	2623	781551	6697
407105	4028	407277	4064	409540	6423	781000	2792	781560	6357
407106	4006	407278	4063	409548	6905	781001	2790	781630	2738
407107	4032	407279	4065	409549	6909	781009	6040	781701	2729
407108	4008	407280	4070	409553	6135	781013	6035	781900	6905
407109	4190	407281	4071	409554	6136	781020	2710	783000	2795
407110	4010	407296	4298	409556	6761	781022	2712	783012	6030
407111	4042	407297	4288	409559	2677	781097	2744	783106	2882
407112	4012	407298	4286	409560	2676	781097	2745	783107	2883
407113	4004	407306	3004	409563	6715	781106	2880	783108	2884
407114	4168	407307	3013	409565	6006	781107	2875	783109	2885
407115	4232	407311	4182	409566	6005	781110	2740	783199	6015

# Interchanges

Murrary	FJC
783201	2745
783204	2941
783210	2745
783211	2742
783213	7635
783403	6333
783404	6523
783405	6513
783415	6761
783416	6766
783417	6761
783420	6766
783421	6527
783422	6527
783423	6517
783433	6001
783434	6002
783500	6333
783501	6323
783502	6313
783502	6337
783503	6333
783504	6313
783505	6313
783510	6337
783511	6327
783512	6317
783513	6337
783514	6327
783515	6317
783520	6327
783521	6327
783522	6317
783523	6337
783524	6327
783525	6317
783526	6357
783550	6050
783551	6065
783600	6038
783618	6016
783701	2734
783702	2732
783710	4958
783710	4958

Murrary	FJC
783715	4946
783803	2855
783901	6909
783905	6900
783910	2200
784700	4923
784702	4928
784703	4929
784710	4965
784719	4910
784719	4910
784720	4917
801651	2484
801652	2487
801653	2490
7002457	2880
7652764	9147
7652977	9143
7652983	9142
7652984	9144
NTE781306	2925
SER2416	7635
SKY133	2468

Toyota	FJC
88645-60020	3424
90099-14044	4186
90099-14045	4219
90099-14046	4008
90099-14119	4080
90099-14120	4248
90099-14121	4237
ND Oil-11	2450
ND11	2450
ND-11	2450

Volvo	FJC
1161407	2484
1161425	2487
1161426	2487
1161442	2408
1161407 0	2484
1161407-0	2484
1161425 2	2487
1161425-2	2487
1161426 0	2487
1161426-0	2487
1324829-9	3014

# Numerical Index

PART #	PAGE #	PART #	PAGE #	PART #	PAGE #	PART #	PAGE #	PART #	PAGE #	PART #	PAGE #
501	6	2602-100	63	2790	36	3190	40	4006	51	4168	55
525	6	2603	63	2792	36	3191	40	4006-100	51	4170	55
528	6	2603-25	63	2795	36	3192	40	4008	52	4171	52
533	6	2603-100	63	2800	36	3193	40	4008-100	52	4172	52
536	6	2604	63	2803	36	3194	40	4010	53	4173	53
582	7	2604-25	63	2815	63	3195	40	4010-100	53	4175	54
618	7	2604-100	63	2830	39	3198	40	4012	54	4176	54
623	7	2606	63	2840	37	3203	43	4012-100	54	4177	56
675	7	2606-25	63	2843	37	3205	43	4015	60	4178	56
677	13	2607	40	2844	37	3214	42	4016	60	4179	55
685	7	2608	40	2850	27	3225	63	4017	60	4182	51
690	5	2609	40	2855	27	3227	63	4018	60	4183	51
690I		2610	40	2860	38	3238	63	4026	51	4186	51
695	5	2611	41	2862	37	3245	63	4026-100	51	4187	52
695I		2612	41	2863	37	3262	43	4028	52	4189	51
696	5	2613	41	2874		3264	43	4028-100	52	4190	52
697	5	2614	41	2875	38	3265	43	4030	53	4191	53
698		2614-100	41	2880	38	3266	43	4030-100	53	4192	51
703	5	2615	41	2882	38	3267	43	4032	54	4192-100	51
1996	16	2615-100	41	2883	38	3271	42	4032-100	54	4193	52
1996HD	16	2616	41	2884	38	3274		4034	61	4193-100	52
2032	15	2617	41	2885	38	3276	42	4035	61	4194	53
2128	15	2617-100	41	2910	34	3277	42	4036	61	4194-100	53
2130	15	2618	63	2925	32	3280	42	4038	52	4195	51
2200	11	2619	41	2931	32	3282	42	4038-100	52	4196	52
2202	11	2620	63	2936	32	3283	42	4040	52	4197	53
2200-55	11	2621	41	2937	32	3284		4040-100	52	4198	54
2205	22	2622	41	2939	32	3285	42	4042	54	4198-100	54
2206	57	2623	41	2941	32	3286	42	4042-100	54	4199	52
2400	15	2624	41	2943	32	3287	42	4043	55	4201	52
2401	15	2626	41	2952	32	3288	42	4043-100	55	4202	54
2405	15	2632	63	2956	32	3295		4044	56	4203	53
2405-55	15	2633	63	2958	32	3312	43	4045	56	4204	54
2406	15	2634	63	3000	40	3319	43	4046	56	4205	53
2407	15	2662	62	3004	39	3320	43	4050	55	4206	51
2408	11	2663	41	3005	39	3321	42	4051	51	4207	55
2410	11	2665	62	3006	39	3322	43	4052	51	4208	51
2432	11	2672	41	3006-100	39	3328	43	4053	58	4209	55
2439	11	2673	41	3007	40	3331	43	4054	58	4210	53
2455	11	2674	41	3008	39	3340	42	4060	59	4211	53
2443	11	2675	41	3008-100	39	3341	42	4061	59	4212	
2445	11	2676	41	3009	40	3342		4062	59	4213	53
2447	11	2677	41	3011	39	3349	42	4063	59	4214	52
2449	11	2678	41	3011-100	39	3358		4064	59	4215	53
2450	11	2680	41	3012	39	3375	43	4065	59	4216	54
2458	11	2682	41	3012-100	39	3378	43	4066	59	4218	53
2459	11	2683	41	3013	39	3379	43	4070	59	4219	53
2468	10	2685	40	3013-100	39	3411	42	4071	59	4220	54
2468-55	10	2686	40	3014	39	3412	42	4072	59	4221	51
2470	10	2687	63	3014-100	39	3414	42	4073	59	4222	51
2472	10	2687-100	63	3016	39	3415	42	4074	59	4223	51
2475	10	2710	16	3016-100	39	3418	44	4075	59	4226	51
2479	10	2712	16	3017	39	3420	44	4078	55	4227	51
2479-55	10	2714	16	3017-100	39	3421	44	4078-100	55	4228	51
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2481	10	2717	16	3018-100	39	3424	44	4082	55	4230	54
2484	9	2718	16	3019	39	3426	44	4086	54	4232	55
2484-55	9	2724	12	3019-100	39	3428	44	4087	52	4233	55
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2487-55	9	2729	12	3021-100	39	3433	44	4091	54	4238	52
2488	9	2730	19	3024	39	3435	44	4093	54	4239	53
2489	9	2731	12	3024-100	39	3475	43	4094	54	4240	52
2490	9	2732	12	3026	39	3499	44	4095	54	4241	54
2490-55	9	2733	19	3026-100	39	3554		4096	53	4242	53
2491	9	2734	12	3036	39	3558		4097	54	4243	54
2492	9	2735	19	3036-100	39	3561		4116	61	4245	55
2493	9	2736	12	3038	39	3565		4118	61	4246	55
2493-55	9	2737	19	3038-100	39	3567		4120	61	4247	55
2494	9	2738	12	3043	39	3569		4122	61	4248	53
2495	9	2739	12	3044	39	3570		4123	60	4250	56
2495-55	9	2740	37	3104	39	3576		4124	60	4252	56
2496	9	2742		3105	39	3580		4125	60	4253	56
2498	9	2743	37	3106	39	3582		4126	60	4254	57
2498-55	9	2744	37	3108	39	3585		4127	60	4255	57
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2502	9	2748	37	3113	39	3645		4130	60	4275	46
2503	9	2750	41	3114	39	3647		4131	60	4278	46
2507	9	2751		3116	39	3648		4132	60	4279	46
2509	9	2754	32	3117	39	3650		4133	60	4286	47
2511	9	2755	32	3118	39	3653		4140	60	4287	47
2518	62	2768	16	3119	39	3657		4142	60	4288	47
2530	62	2770	16	3120	39	3659		4143	60	4290	47
2538	62	2774		3121	39	3662		4144	60	4291	47
2538P	62	2775	16	3124	39	3664		4150	60	4293	47
2557	40	2776	16	3126	39	3667		4151	60	4294	47
2558	40	2777	16	3131	39	3668		4154	60	4295	48
2574	40	2778	16	3133	39	3671		4158	60	4296	48
2576	40	2779	16	3136	39	3674		4160	60	4297	48
2602	63	2782	16	3138	39	4002	52	4162	60	4298	48
2602-25	63	2783	16	3187	40	4004	55	4166	60	4299	48

# Numerical Index

PART #	PAGE #	PART #	PAGE #	PART #	PAGE #	PART #	PAGE #	PART #	PAGE #	PART #	PAGE #
4300	48	4967	18	6333	25	6855	3	43621	73	52010	65
4302	61	4971	18	6337	25	6876	25	43624	73	52015	65
4303	61	4972	18	6339		6877	25	43645	73	53040	66
4305	61	4982	18	6353	25	6878	25	43648	75	53070	66
4306	61	5110	18	6357	25	6900	28	43650	74	53100	66
4307	61	5120	18	6359		6905	28	43655	72	53150	66
4308	61	5909	15	6365	25	6909	28	43658	74	53200	66
4312	61	5914	15	6413	25	6912	28	43660	73	53300	66
4315	61	5915	15	6417	25	6916	28	43664	73	53500	66
4317	61	6001	23	6419	25	6925	28	43700	73	53973	68
4318	61	6002	23	6421	25	6930	28	43701	74	53974	68
4319	61	6003	23	6423	25	6951	28	43702	74	53983	69
4320	61	6004	23	6427	25	6952	28	43703	74	53984	69
4321	61	6005	23	6429	25	6953	28	43704	74		
4324	61	6006	23	6433	25	6956	28	43705	74		
4325	61	6007	23	6437	25	6957	28	43706	74		
4326	61	6008	23	6439	25	6958		43707	74		
4327	61	6009	23	6441	25	6959	28	43708	74		
4328	61	6010	23	6445	25	6960	28	43709	74		
4335	61	6011	23	6447	25	6961	28	43710	74		
4345	61	6012	23	6448	25	6990	31	43711	74		
4346	61	6013	23	6449	25	6991	31	43712	74		
4347	58	6014	24	6450	25	6992	31	43713	74		
4348	58	6015	24	6453	25	6994	31	43715	74		
4349	58	6016	24	6457	25	6998	31	43801	73		
4350	59	6017	25	6459	25	7500	34	43802BK	74		
4351	59	6018	24	6513	25	7510	34	43802BL	74		
4352	59	6019	25	6517	25	7530	34	43806	74		
4353	59	6020		6519	25	7534	34	43807	74		
4354	59	6021	24	6523	25	7537	34	43808	74		
4355	59	6025	24	6527	25	7538	34	43809	74		
4361	58	6026	23	6529	25	7540	34	43810	74		
4362	58	6029	7	6533	25	7542	34	43811	74		
4364	58	6030	38	6537	25	7544	34	43812	74		
4365	58	6031	38	6539	25	7600	33	43813	74		
4370	58	6034	38	6553	25	7611	33	43814	74		
4371	58	6035	7	6557	25	7612	33	43815	74		
4372	58	6036	7	6559	25	7615	33	43816	74		
4373	58	6037	7	6603	22	7616	33	43817			
4374	58	6038	25	6607	22	7617	33	43818			
4375	58	6039	38	6609	22	7618	33	43819			
4376	58	6040	38	6641		7619	33	43820	74		
4377	58	6041	38	6692	21	7620	33	43821	73		
4381	58	6042	7	6697	21	7621	34	43826	74		
4382	58	6045	7	6697B	21	7634	34	43829			
4383	58	6047	26	6698	20	7635	34	43831	74		
4384	58	6048	26	6701	21	7696	34	43841	73		
4385	58	6050	26	6714	21	7697	34	43848	73		
4388	58	6051	24	6714B	21	7725	34	43910	75		
4389	58	6052	24	6715	21	7728	34	45107	65		
4400	45	6055	26	6715B	21	7732	34	45110	65		
4415	46	6060		6717	21	7735	34	45115	64		
4450	50	6061		6717B	21	7743	34	45118	64		
4454	50	6063		6720		7975	32	45125	64		
4458	50	6065	26	6721	21	9140	14	45135	64		
4459	58	6066		6721B	21	9142	13	45150	64		
4460	50	6069	26	6722		9143	13	45215	67		
4463	49	6070	26	6722B		9144	13	45223	67		
4464	49	6072	24	6725	20	9145	13	45229	67		
4465	49	6075	24	6750	20	9147	13	45233	67		
4895	48	6080	26	6752	21	9148	13	45234	67		
4897	48	6081	26	6760	21	9150	14	45244	67		
4901		6082	26	6760B	21	9153	14	45245	67		
4903		6083	26	6761	21	9153D	14	45255	67		
4910	17	6087	26	6761B	21	9158	14	45262	67		
4914	17	6088	26	6763	21	9159	14	45265	67		
4914D	17	6089	26	6763B	21	9159D	14	45266			
4915-100	19	6091	26	6765	21	9160	8	45267			
4916	17	6092	26	6765B	21	9160D	8	45268	67		
4917	17	6093		6766	21	9162	8	45918	65		
4918	17	6095	22	6766B	21	9164	8	46136	70		
4921	17	6096	22	6766P	20	9165	8	46139	70		
4923	17	6097	26	6768	21	9203	30	46141	70		
4923D	17	6127	22	6768B	21	9204	30	46155	70		
4924	17	6128	22	6785	20	9205	30	46156	70		
4926	17	6132	22	6799	20	9206	30	46162	70		
4926D	17	6133	22	6801	24	9242	13	46164	70		
4927	17	6134	21	6802	24	9243	13	46173	70		
4927D	17	6135	22	6810	17	9244	13	46174	70		
4928	17	6136	22	6814	17	9245	13	46215	71		
4928D	17	6139	20	6820	24	9247	13	46217	71		
4929	17	6140		6826	24	9270	29	46219	71		
4933	17	6141		6827	24	9271	29	46222	71		
4933D	17	6142		6828	24	9281	29	46224	71		
4934	17	6143		6829	24	9282	29	46226	71		
4946	19	6144	22	6831	22	9285	29	46230	71		
4947	19	6150	22	6832	22	9287	29	46321	70		
4949	19	6313	25	6840	3	43610	75	46325	70		
4958	19	6317	25	6842	3	43616	73	46326	70		
4960	19	6319		6845	3	43617	73	46330	71		
4963	19	6323	25	6846	3	43618	73	46335	71		
4965	19	6327	25	6850	20	43619	73	46342	71		
4966	18	6329		6852	2	43620	73	52005	65		