

ADRAD

the Fridge

Spring 2021

ADRAD

Refrigerator



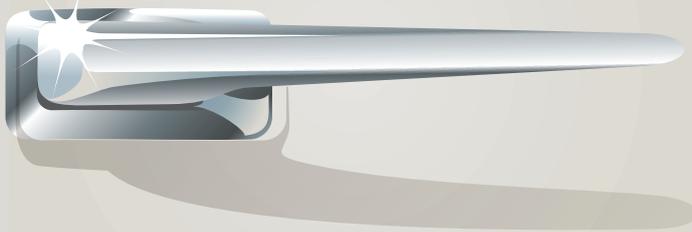
Get Ready for Summer



COMPRESSOR SAVINGS



**Buy 4 Compressor Kits
Get a Bonus Gift Pack***



Adrad only supplies quality parts, made by the world's leading manufacturers, with brands including:



Adrad is a Quality Accredited
Manufacturer & Supplier

Australian Owned
& Operated

**CONDENSER PRICES
CONDENSED**

COMPRESSOR SAVINGS



Part No.	Make / Model	Brand	Price
PAUD36	AUDI A4 '08-12 / A5 '07-12 AUDI Q5 '09- 2ltr Engines	MAHLE	\$415
PFOR120	FORD RANGER PJ/PK '12/06-9/11 MAZDA BT-50 UN '8/06-9/11	GENUINE Quality	\$285
PHOL03	HOLDEN CAPTIVA CG 2.0ltr Turbo Diesel '3/07-	Delphi Technologies	\$390
PHOL217	HOLDEN COMMODORE VT-VY-VU V6 Engine '10/97-8/04	ADAIR Auto Air Products	\$225
PHOL48G	HOLDEN CRUZE JG '09-12 2.0ltr Turbo Diesel	Delphi Technologies	\$340
PHYU026	HYUNDAI SONATA 2.7L 4/01-11/04 & 10/98-3/00 KIA OPTIMA '01-06	GENUINE Quality	\$305
PMAZ55	MAZDA 6 GH 2.5ltr Petrol '9/07-9/12	ADAIR Auto Air Products	\$385
PMAZ71	MAZDA CX-5 KE/KF Petrol '12- MAZDA 3 BM / BN '14-19 MAZDA 6 Petrol '14-16	GENUINE Quality	\$400
PMAZ64	MAZDA CX-7 '09-12 Suits 2.5ltr Engine Only	Delphi Technologies	\$355
PMIT41	MITSUBISHI PAJERO NS, NT, NW, NX '06-	DENSO	\$395
PMIT06	MITSUBISHI TRITON ML '06-09 Suits 3.5ltr V6 Petrol Engine	Valeo	\$375
PMIT07	MITSUBISHI TRITON ML/MN '06- Suits 2.4ltr Petrol 4G6 Engine	Valeo	\$380
PNIS77	NISSAN DUALIS J10 '07-16 Suits 2.0ltr Petrol Engine	Delphi Technologies	\$370
PNIS40A	NISSAN PATHFINDER R51 '05-13 2.5ltr Turbo Diesel Engine	Valeo	\$510
PNIS92	NISSAN PULSAR C12 1.8L '6/13- B17 '13- ST & ST-L Models	Valeo	\$430
PSUB03	SUBARU FORESTER SJ Petrol '8/12- IMPREZA & XV Petrol '8/11-16	Valeo	\$545
PTOY164	TOYOTA COROLLA ZRE172R '14-	DENSO	\$450
PVWN05	VW GOLF '00-02 AUDI A3 5/97 - '6/04	ADAIR Auto Air Products	\$290
PVWN04	VW GOLF 5 '03- / CADDY '05- AUDI A3 '03- / JETTA	Valeo	\$325

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Fan Clutches & Blades

- ▶ Made to exact O.E.M. specs
- ▶ Direct-fit replacement
- ▶ Designed to resist cracking and warping in the extreme heat of engine bays
- ▶ Made from the highest grade Polypropylene (PP) or Polyamide (PA)



Call **1800 882 043** or visit **RadShop**

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CONDENSER PRICES

CONDENSED

Part No.	Make / Model	Brand	Price
CAUD36K	AUDI A4 '08-4/12 / Q5 '08- S4 '11/08-14 / S5 '6/07-12	KOYOAIR	\$145
CDOD02	DODGE AVENGER / CALIBER '06- JEEP COMPASS / PATRIOT '07- SEBRING PETROL 07-	ADAIR Auto Air Products	\$85
CFOR76K	FORD FOCUS LW '4/11-6/12 Pet. Petrol & Diesel '6/12-9/15	KOYOAIR	\$145
CFOR84	FORD MONDEO MD '15-	ADAIR Auto Air Products	\$70
CHOL29	HOLDEN ASTRA TS Ser 2 '02-06	ADAIR Auto Air Products	\$80
CHON45	HONDA CITY Sedan '17-	KOYOAIR	\$140
CHON20	HONDA CIVIC ES Sedan '10/00-2/06	ADAIR Auto Air Products	\$65
CHYU49	HYUNDAI i40 '12- Suits Diesel Engine	GENUINE Quality	\$135
CISU03	ISUZU D-MAX '08-5/12	ADAIR Auto Air Products	\$125
CJEE14	JEEP GRAND CHEROKEE WK '11- SUITS V6 & V8	KOYOAIR	\$140
CKIA37D	KIA SPORTAGE SL Series 2 '13- HYUNDAI iX35 LM SE only '13- Suits Diesel Eng	ADAIR Auto Air Products	\$105
CMAZ80	MAZDA 2 DJ '11/14- CX-3 '11/15- Petrol	KOYOAIR	\$140
CMIN03	MINI COOPER F55 / F56 '4/14-	KOYOAIR	\$150
CMIT23	MITSUBISHI CHALLENGER '09-	KOYOAIR	\$135
CMIT42K	MITSUBISHI MIRAGE LA Sedan '14- MIRAGE LA Hatch '13-3/15	KOYOAIR	\$135
CNIS86K	NISSAN NAVARA D40M '3/11-15 SUITS 2991cc DIESEL ENGIN	KOYOAIR	\$125
CPEU16	PEUGEOT 2008 '13- / 208 1.2t '15- 207 1.6L '07-12 DS3 1.6L '10- / C4 1.2L / C3	ADAIR Auto Air Products	\$115
CTOY111	TOYOTA COROLLA ZRE152R '3/07- ZRE172R '14- / ZRE182R '12-	KOYOAIR	\$85
CTOY43	TOYOTA HILUX LN '97-02	ADAIR Auto Air Products	\$120
CTOY52	TOYOTA LANDCRUISER 78/79 Ser '99-07 SERPENTINE	ADAIR Auto Air Products	\$110

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Welcome



Steve Vassallo
Business Development Manager
– Air Conditioning

Hello everyone, and welcome to The Fridge!

The Fridge is our opportunity to share upcoming specials on A/C and electrical system parts – so you can offer the best to your customers. In this edition, we bring you the “bargain basement”, tech tips and

upcoming products full of information from well-known brands. Find yourself a great deal and stay informed from top industry sources.

With spring here and summer on the way, we’re focusing on the much-needed air conditioning system. You’ll find amazing value for A/C tools, compressors and condensers with a range of special prices.

Another terrific find is our compressor kits. Kits include a new compressor, condenser, TX valve, compressor oil, guard strap, A/C system treatment and measuring cup.

This provides you with all the quality parts you need to completely restore the A/C system back to peak condition. Giving you an edge over the competition by ensuring reduced comebacks and happy customers who have received an exceptional price. Not to mention, great savings for you! For the cherry on top, head to

page 9 for a chance to win a Maradyne junior jet air pump & tool package.

Furthermore, explore our new range of oxygen sensors. Other part ranges include gas struts, ignition coil packs, fan clutches & blades and more.

Make sure to check it all out and keep your eyes peeled for upcoming further editions of The Fridge! There are many more spectacular savings, new product ranges and tips to come.

Like always, if you feel Adrad needs to stock or range certain parts or products, or would like us to add something that we don’t have listed. Please talk with your rep or send an email to customerservice@adrad.com.au.



ADRAD Gas Struts

- ▶ Over 1,400 Vehicle Applications
- ▶ Packed in Matching Pairs
- ▶ Quality OE Manufacturer
- ▶ Teflon Seals for Smooth Operation & Long Service Life



Restore the operation of your hatch, bonnet or tonneau lid with these OEM quality struts.



Call **1800 882 043** or visit **RadShop**



Get Ready for Summer



TEXA KONFORT 720 R GAS AUTOMATIC CHARGING STATION 12kg TANK R134a or R1234yf

- ▶ Designed for car, commercial, HGV & tractor A/C systems
- ▶ Automatic refrigerant recovery, recycling and oil drainage functions
- ▶ Quantities of oil and UV tracer are controlled by an automatic valve system



\$5,595

TUNI220

CORDLESS VACUUM PUMP

- ▶ Compatible with EAG, Makita & Milwaukee batteries
- ▶ Perfect for Auto, residential and small commercial A/C systems



\$372

TUNI100

PROCHARGE 3 CHARGING SCALE

- ▶ Strong & durable, can be used for general use
- ▶ 100kg (220lbs) weighing limit
- ▶ Highly accurate



\$183

TUNI420

REFRIGERANT GAUGE SET

- ▶ 2-Way R134a high quality manifold set
- ▶ 36 inch hose set and large 80 mm gauges



\$189

TUNI177

AUTO AIR STARTER PACK

- ▶ All the Automotive Service Tools in One Package.
- ▶ High quality automotive service gear bundle
- ▶ Portable trolley

What's Included

1. Recovery unit with an oil separator
2. Two stage oil rotary vane pump
3. Highly accurate refrigerant charging scale
4. The best selling refrigerant leak detector
5. Premium 4 Valve manifold
6. Service hoses and adaptors for R134a
7. Custom RCS trolley with built-in tray



\$2,995

TUNI113

CAL SERIES 45 LITRE / MIN VACUUM PUMP

- ▶ NEW line of vacuum pumps
- ▶ R32 rated and can be used with CFC, HFC, HCFC, and HFO refrigerants.



\$325

TUNI181

CAL SERIES 40 LITRE / MIN 2 STAGE VACUUM PUMP

- ▶ NEW line of vacuum pumps
- ▶ R32 rated and can be used with CFC, HFC, HCFC, and HFO refrigerants.



\$490

TUNI120

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Bargain Basement

Only while Stocks Last!

CONDENSERS



\$20

FORD FESTIVA
WD 1.3L 97-12/98
CFOR24

ADAIR
Auto Air Products



\$30

MITSUBISHI
LANCER CG 2.0ltr
7/02-7/03
CMIT28

ADAIR
Auto Air Products



\$95

SUBARU LIBERTY
4/06 - 8/09 OUTBACK
BP, BP9, BPE '03 - 8/09
CSUB19-FTF

DENSO

Part No.	Make / Model	Brand	Price
CBMW20	BMW X3 F25 '3/11- Suits 28i only 3ltr Petrol	ADAIR Auto Air Products	\$50
CDAE06	DAEWOO MATIZ 10/99-7/02	ADAIR Auto Air Products	\$20
CFOR65K	FORD FOCUS XR5 '11/05- FORD FOCUS RS TURBO '6/10-	KOYOAIR	\$65
CHOL52G	HOLDEN BARINA SPARK MJ '10-15	Delphi Technologies	\$95
CHON19	HONDA ODYSSEY 2.2, 2.3ltr 4cyl 6/95-3/00	ADAIR Auto Air Products	\$25
CHON33K	HONDA LEGEND '8/06-	KOYOAIR	\$40
CHON40K	HONDA CIVIC HYBRID FB '2/12-	KOYOAIR	\$60
CJEE08	JEEP CHEROKEE KJ '9/01-6/04	ADAIR Auto Air Products	\$35
CKIA06	KIA CARNIVAL KVII 2.5ltr V6 8/99-10/06	ADAIR Auto Air Products	\$30
CKIA26-FTF	KIA CERATO LD 6/04-06	DENSO	\$60
CLEX133K	LEXUS RX400H 3/05-12/08	KOYOAIR	\$40
CMAZ22	MAZDA MPV 2.5, 3.0ltr V6 8/99-11/03	ADAIR Auto Air Products	\$45
CMIT28-FTF	MITSUBISHI LANCER CG 2.0ltr 7/02-7/03	DENSO	\$35
CNIS104	NISSAN NAVARA D23 NP300 '15- Suits Petrol Engine Only	KOYOAIR	\$90
CNIS11	NISSAN PULSAR N15 8/95-6/98	ADAIR Auto Air Products	\$35

COMPRESSORS



\$205

HOLDEN ASTRA TS
1.8L '9/98-12/00
PHOL023G

Delphi Technologies



\$205

MITSUBISHI
CHALLENGER '09-
2.5ltr Diesel Engine
PMIT08

Valeo



\$295

TOYOTA CAMRY 30
SERIES 3.0ltr MCV36
'6/02 - 12/07
PTOY35

DENSO

Part No.	Make / Model	Brand	Price
PBMW012	BMW 3-SERIES E46 '98-7/06 BMX X3 E83 2.5 & 3.0L '04-11 7SBU16C	DENSO	\$305
PHOL008G	HOLDEN ASTRA TR 1/96-8/98 & More	Delphi Technologies	\$175
PHOL75	HOLDEN COMMODORE VF V6 '5/13-10/17	GENUINE Quality	\$375
PHON15	HONDA ACCORD 93-97	Delphi Technologies	\$170
PHYU51	HYUNDAI SANTA FE DM '6/12- Suits Petrol Engine	ADAIR Auto Air Products	\$255
PMIT011	MITSUBISHI MAGNA TJ-TH V6 MHI MSC90 AKC200A205R MHI	ADAIR Auto Air Products	\$245
PSUB02	SUBARU LIBERTY & OUTBACK '05- SCSA08C 2ltr 2.5ltr Engines PV6 90mm	DENSO	\$220
PTOY070	TOYOTA RAV4 ACA20R ACA21R '5/00-'2/06	DENSO	\$395
PTOY124	TOYOTA HIACE KDH Diesel '05- 10S17C	DENSO	\$405
PTOY153A	TOYOTA RUKUS '10-	ADAIR Auto Air Products	\$195
PTOY88	TOYOTA HIACE LH125 '95-00 TOYOTA HIACE LH184 '00-05	DENSO	\$320
PVWN17A	VOLKSWAGEN TRANSPORTER T4 '97-04 CARAVELLE '96-08	ADAIR Auto Air Products	\$205

PROTECT YOUR FAMILY AGAINST AIRBORNE POLLUTANTS

FILTERS BECOME CLOGGED with dust, soot, dirt, bugs, leaves, mould spores & pollen, restricting vehicle air conditioning system.

ADAIR CABIN AIR FILTERS meet or exceed Original Equipment specification and are designed to provide optimum air quality.

Cabin Air Filters

Optimise A/C Performance and Breathe Easy!

Remember to check your customer's cabin air filter to make sure it's clean.

A dirty filter prevents optimal airflow which will result in poor cooling performance and can result in dust, mould spores, bugs and pollen being circulated in the cabin of the car.

In newer cars, cabin air filters are relatively easy to check and replace, generally the cabin air filter is accessible behind the glove compartment.

It's an easy up-sell when you highlight the importance of your customer and their family breathing fresh, clean air, honestly, it's "money for jam".



Ignition Packs



Premium quality O.E. brand coils & plugs

Packs to suit most popular 4 & 6 cylinder vehicles

Call **1800 882 043** or visit **RadShop**

Compressor Tech Tip - Courtesy of DENSO



AC compressors are essentially a heart, and much like a human heart they pump liquid to various components in the air conditioning system. This liquid is known as refrigerant, which depending on its place in the system can be in liquid or gas form. The compressor makes use of high pressure to pass the refrigerant around the system, which is what allows cool, dry air to enter the cabin.

The AC system is a closed loop and therefore shouldn't leak unless there has been a failure or breakage somewhere. As the only moving part in the system aside from the TX valve, sometimes the compressor can fail. When a compressor fails, it may send debris through the rest of the system, so it is imperative to remedy as soon as possible.

Some causes for failure include:

- ▶ Lack of lubrication
- ▶ Incorrect installation
- ▶ Leaking refrigerant
- ▶ Contaminants

Here, we'll take a closer look at causes for failure.

Swash Plate
Severe wear



Lubrication

As a moving part, the compressor contains an oil lubricant to ensure the parts do not wear down too quickly or seize thanks to friction heat. Without this, the components may grind and falter, which means your AC system stops functioning. If there isn't sufficient refrigerant in the system it may also cause the compressor to fail as it can't maintain pressure. It may also cause the drive belt to break or become detached.

Incorrect Installation

If an AC compressor is not installed correctly, it can lead to compressor failure. This can be due to not following the correct oil-balancing process, damaging the compressor during installation or not regassing with the correct amount of refrigerant. Each of these can lead to complete component failure and overall damage to system components.

Leaking Refrigerant

If there is a hole or crack anywhere within the system, it can allow refrigerant to escape or "leak". This can often be hard to detect without a UV light or dye as refrigerant may escape in gas form, making it hard to tell where the leak is. Reduced refrigerant can cause the compressor to work harder to maintain pressure and eventually overheat.

Contaminants

Given the system is a closed loop, contamination should not occur if everything is working well. Sometimes, during servicing or if a part is clogged or failed, it may allow contaminants to enter. An example is air pockets, which will not transform from liquid to gas as refrigerant does resulting in poor performance. Corrosion can also occur and spread if excess moisture is not being removed, likely due to a failed receiver drier.

Clutch Plug
Check for scorching or corrosion



Cylinder
Adhesive wear



Measuring clutch
coil resistance



Replace it Once

**3 Year
Warranty**

A/C Compressor Kits



The easy and reliable way to repair contaminated Air Conditioning systems backed with a nationally supported 3 year warranty.

A/C Compressor Kits include all the parts needed to completely restore the vehicle air conditioning system back to new condition.

A/C Compressor Kits include:

Compressor
Compressor Oil (68 Grade 500ml)
Air Conditioning System Treatment
Measuring Cup (for oil balancing)

Condenser
Thermal Expansion Valve / Orifice Tube
Receiver Drier / Accumulator (where applicable)
System Guard Strap

Available for more than 1400 popular vehicle applications.

BUY 4 COMPRESSOR KITS & GET A BONUS GIFT PACK

We have 13 packs to give away

Purchase any 4 A/C compressor kits in September & October

Packs include...

- ▶ MARADYNE junior jet air pump - 150psi with carry bag & accessories
- ▶ Bionic Wrench Spanner 6 Inch
- ▶ Bionic Wrench Spanner 8 Inch
- ▶ Bionic Grip 6 Inch
- ▶ Bionic Grip 8 Inch

While stocks last.



**NEW
PRODUCT LINE**

OXYGEN SENSORS

Delphi

DENSO

DENSO & DELPHI OXYGEN SENSORS

- TRUSTED BRANDS
- OE QUALITY & RELIABILITY
- LONG LASTING PERFORMANCE

Good quality Oxygen Sensors (O2) are important. The vehicle's engine management system relies on these sensors to maintain correct fuel and emissions control.

Our range of OE quality oxygen sensors includes both pre-cat and post-cat parts.

Buy with confidence!

- Double layer protection
- Stainless steel housing
- Maximize engine performance & fuel efficiency
- Reduce fuel consumption & harmful emissions



HOLDEN COMMODORE
VP-VX V6/V8

Part No.
OXS003

TOYOTA CAMRY /
HIACE / TARAGO

Part No.
OXS012

NISSAN XTRAIL
T31 / DUALIS J10

Part No.
OXS019

TOYOTA COROLLA
ZZE152/182

Part No.
OXS028

Over 120 part numbers cover over 2000 applications.

Call **1800 882 043** or visit **RadShop**

YOUR REFRIGERANT SUPPLIER



BOC

R134A AVAILABLE

- 11kg - 22kg - 65kg

**Call Us
For a Quote
Today**

ADAIR 
Auto Air Products



R1234YF AVAILABLE

- 4.5kg OPTeon YF HFO-1234YF

Please remember to update us with your current RTA Number for ease of purchase.

R1234YF-4.5KG

Call **1800 882 043** or visit **RadShop**

Adrad Distribution Network

Adrad has a national distribution network of 22 warehouses including a new branch in Epping Victoria, carrying an enormous range of radiator and air conditioning products, from component parts through to complete assemblies.

Adrad can supply parts fast anywhere in Australia, and provide national warranty support.

