



Air Conditioning Parts & Services Vehicle Repair & Maintenance Reports COMPRESSOR SAMPLE REPORT

Published October, 2015

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Methodology

- This report provides data on the number of vehicles requiring the air conditioning parts or services listed.
- The information provided is based on 2015 vehicle-in-operation (VIO) data and industry-reported data and Hedges & Company research.
- Repair and maintenance data at the part level can be calculated by multiplying the number units by number of vehicles.
- Vehicles are defined as all cars and light trucks in the United States.
- There may be slight differences in the totals between tables due to rounding.

Parts & Services Included

- Repair and maintenance data is provided for the following air conditioning parts and services:
 - Compressors
 - Condensers
 - Converted to 134a
 - Evaporators
 - Heater Blowers
 - Recharged
 - Repaired
 - Tubes & Hoses Replacement

- Data is presented as follows:
 - All vehicles
 - Vehicles 0-3 years old
 - Vehicles 4-7 years old
 - Vehicles 8-11 years old
 - Vehicles 12+ years

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Overall

Published October, 2015

Overall

- This table shows the number of vehicles needing the air conditioning parts and services listed.
- The first column shows the total number and the following column is shown by age of vehicle.

Air Conditioning Parts & Services					
		Age of Vehicle			
	All Vehicles	0-3 Years	4-7 Years	8-11 Years	12+ Years
Compressors	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE
Condensers	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE
Converted to 134a	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE
Evaporators	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE
Heater Blowers	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE
Recharged	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE
Repaired	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE
Tubes & Hoses Replacement	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE

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Regions

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Regions

- Geographic information is presented based on regions and division as defined by the U.S. Census.
 - Northeast
 - New England (ME, NH, VT, MA, RI, CT)
 - Middle Atlantic (NY, NJ, PA)
 - Midwest
 - East North Central (OH, IN, IL, MI, WI)
 - West North Central (MN, IA, MO, ND, SD, NE, KS)
 - South
 - South Atlantic (DE, MD, DC, VA, WV, NC, SC, GA, FL)
 - East South Central (KY, TN, AL, MS)
 - West South Central (AR, LA, OK, TX)
 - West
 - Mountain (MT, ID, WY, CO, NM, AZ, UT, NV)
 - Pacific (AK, WA, OR, CA, HI)

- The data for each part and service is shown in a separate table.

Regions

Compressors					
Region	All Vehicles	Age of Vehicle			
		0 – 3 years	4-7 years	8 – 11 years	12+ years
Northeast					
New England	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE
Mid-Atlantic	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE
Total	SAMPLE				
Midwest					
East North Central	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE
West North Central	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE
Total	SAMPLE				
South					
South Atlantic	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE
East South Central	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE
West South Central	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE
Total	SAMPLE				
West					
Mountain	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE
Pacific	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE
Total	SAMPLE				

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Vehicle Makes

Published October, 2015

Vehicle Makes

- The following tables show the number of vehicles by vehicle make.
- A total of 37 vehicle makes are shown. A complete list of the vehicle makes is in the Appendix.
- The data for each part and service is shown in a separate table.

Vehicle Makes

Compressors							
Make	All Vehicles	Age of Vehicle					
		0 - 3 years	4-7 years	8 - 11 years	12+ years		
Acura	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Audi	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
BMW	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Buick	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Cadillac	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Chevrolet	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Chrysler	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Dodge	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Ford	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
GMC	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Honda	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Hummer (discont.)	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Hyundai	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Isuzu	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Jeep	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Kia	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Lexus	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Lincoln	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Mazda	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Mercedes-Benz	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Mercury (discont.)	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Mini	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Mitsubishi	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Nissan	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Oldsmobile (discont.)	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Pontiac (discont.)	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Porsche	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Ram	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Saturn (discont.)	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Scion	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Smart	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Subaru	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Suzuki	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Tesla	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Toyota	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Volkswagen	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	
Volvo	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE	

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Vehicle Types

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Vehicle Types

- The vehicle types presented are:
 - Truck/SUV
 - Jeep
- Performance Cars and SUVs
 - American Performance
 - European Performance
- A listing of the makes and models that comprise each segment is in the Appendix

Vehicle Types

Truck/SUV					
		Age of Vehicle			
	All Vehicles	0 – 3 years	4-7 years	8 – 11 years	12+ years
Compressors	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE
Condensers					
Converted to 134a					
Evaporators					
Heater Blowers					
Recharged					
Repaired					
Tubes & Hoses Replacement					

Vehicle Types

Jeep					
		Age of Vehicle			
	All Vehicles	0 – 3 years	4-7 years	8 – 11 years	12+ years
Compressors	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE
Condensers					
Converted to 134a					
Evaporators					
Heater Blowers					
Recharged					
Repaired					
Tubes & Hoses Replacement					

Vehicle Types

American Performance Vehicles					
		Age of Vehicle			
	All Vehicles	0 – 3 years	4-7 years	8 – 11 years	12+ years
Compressors	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE
Condensers					
Converted to 134a					
Evaporators					
Heater Blowers					
Recharged					
Repaired					
Tubes & Hoses Replacement					

Vehicle Types

European Performance Vehicles					
		Age of Vehicle			
	All Vehicles	0 – 3 years	4-7 years	8 – 11 years	12+ years
Compressors	SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE
Condensers					
Converted to 134a					
Evaporators					
Heater Blowers					
Recharged					
Repaired					
Tubes & Hoses Replacement					

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Appendix

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Appendix

Vehicle Makes

- Acura
- Audi
- BMW
- Buick
- Cadillac
- Chevrolet
- Chrysler
- Dodge
- Ford
- GMC
- Honda
- Hummer (cars and light vehicles discontinued)
- Hyundai
- Infiniti
- Isuzu (discontinued)
- Jeep
- Kia
- Laforza Land Rover
- Lexus
- Lincoln
- Mazda
- Mercedes-Benz
- Mercury (discontinued)
- Mini
- Mitsubishi
- Nissan
- Oldsmobile (discontinued)
- Plymouth (discontinued)
- Pontiac (discontinued)
- Porsche
- Ram
- Saturn (discontinued)
- Scion
- Smart
- Subaru
- Suzuki
- Tesla
- Toyota
- Volkswagen
- Volvo

Appendix

Jeep

Jeep Cherokee, CJ5, CJ7, CJ8,

Comanche, Commander, Compass, Grand Cherokee, Grand Wagoneer, J10, J20, Liberty, Patriot, Wagoneer, Wrangler and Wrangler Unlimited.

Truck and SUVs

Acura MDX, RDX, SLX and ZDX

Audi A4 Allroad, Q3, Q5, Q7 and SQ5

BMW X3, X4, X5 and X6

Buick Enclave, Encore, Rainier and Rendezvous

Cadillac Escalade, Escalade ESV, Escalade EXT and SRX

Chevrolet 3500 Series R/V, Avalanche, C/K, Captiva, Colorado, El Camino, Equinox, Express, G/P Series, HHR, Luv, P20, P30, S10, S10 Blazer, Silverado, SSR, Suburban, Tahoe, Tracker, Trailblazer, Trailblazer EXT, Trailblazer SS, Traverse, Van, W3500, W4500 and W4T042

Chrysler Aspen and Pacifica

Dodge D51, Dakota, Durango, Journey, Magnum, Nitro, Raider, Ram, Ram 50, Ram D&W, Ram Pickup, Ram Charger, Rampage and W25

Ford Bronco, Bronco II, Courier, Econoline, Edge, Escape, Excursion, Expedition, Explorer, F series, Flex, Freestyle, Ranger, Sport Trac, Taurus X and Transit Van

GMC 3500 R/V Pickup, Arcadia, Caballero, Canyon, Envoy, Envoy Denali, Envoy XL, Envoy XL Denali, Envoy XUV, G/P Series, P25, P35, Rally Wagon/Vandura, S10 Jimmy, S15, Savana, Sierra, Sonoma, Suburban, Terrain, W Series 3500, W Series 4500, Yukon, Yukon Denali, Yukon Denali XL and Yukon XL

Honda Crosstour CR-V, Element, Passport, Pilot and Ridgeline

Hummer 2 passenger hard top, 4 passenger slant back, 4 passenger canvas top, 4 passenger hard top, 4 passenger wagon, H2, H3, H3T, SUT

Hyundai Santa Fe, Santa Fe sport, Tucson and Veracruz

Infiniti FX35, FX37, FX45, FX50, JX35, QX4, QX56, QX60, QX70 and QX80

Isuzu Amigo, Ascender, Axiom, Hombre, I280, I290, I350, I370, NPR, Pickup, Rodeo, Trooper and Vehicross

Kia Borrego, Sorento, Soul, Soul EV and Sportage

Laforza Laforza

Appendix

Trucks and SUV's - Continued

Land Rover Defender, Discovery, Evoque, Freelander, LR2, LR3, LR4, Ranger Rover and Range Rover Sport
 Lexus GX, LX, NX and RX
 Lincoln Aviator, Blackwood, Mark LT, MKC, MKT, MKX and Navigator
 Mazda B2000, B2200, B2300, B2500, B2600, B3000, B4000, CX-5, CX-7, CX-9, Navajo and Tribute
 Mercedes-Benz G-Class, GLA, GL-Class, GLK, M-Class and R-Class
 Mercury Mariner and Mountaineer
 Mitsubishi Endeavor, Mighty Max, MIT, Montero, Montero Sport, Outlander, Outlander Sport, Raider and SPX Truck
 Nissan 720, Armada, Cude, Frontier, Juke, Murano, Pathfinder, Rogue, Rogue Select, Titan, Truck and Xterra
 Oldsmobile Bravada
 Plymouth Arrow, Scamp and Trailduster
 Pontiac Aztek and Torrent
 Porsche Cayenne and Macan
 Ram
 Saab 9-4X and 9-7X
 Saturn Outlook and Vue
 Subaru B9 Tribeca, Baja, Brat, Forester, Outback, Tribeca, and XV Crosstrek
 Suzuki Equator, Grand Vitara, Samurai, Sidekick, Vitara, X90 and XL7
 Toyota 4 Runner, FJ Cruiser, Highlander, Land Cruiser, Longbed, Pickup, Rav4, Rav4 EV, Scion, Sequoia, T100 Pickup, Tacoma, Tundra and Venza
 Volkswagen Pickup, Tiguan and Touareg
 Volvo XC60, XC70 and XC90

Performance Vehicles

American

- o Chevrolet Camaro, Corvette, and Trailblazer SS; Dodge Challenger and Viper; Ford GT and Mustang

Appendix

European Performance Vehicles

Alfa Romeo 164, 4C and 8C Competizione

Aston Martin DB7, DB9, DBS, Rapide, Vanquish, Vantage and Virage

Audi R8, RS 4, RS 5, RS 7, S3, S4, S6, S7, S8, SQ5 and TT

Bentley Azure, Bertone Spider

BMW 1 Series M Coupe, M Roadster, M3, M4, M5 and M6

Bugatti Veyron

Ferrari 328, 348, 360, 456, 458, 512, 550, 430 Modena, 575 Maranello, 599 GTB, 612 Scaglietti, California, Enzo, F12 Berlinetta, F355, F-40, F-50, F550 Maranello, FF, Laferrari, Mondial and Testarossa

Fisker Karma

Jaguar F-type, XFR, XJR and XKR

Lamborghini Aventador, Countach, Diablo, Gallardo, Huracan, Jalpa, LM and Murcielago

Lancia Beta and Zagato

Lotus Elan, Elise, Esprit, Evora and Exige

Maserati 225, 228, 430, Coupe, Ghibli, Gransport, GranTurismo, Quattroporte and Spyder

Mclaren 650, MP4 and P1

Mercedes-Benz S-class, SL-Class and SLK-Class

Pininfarina Spider

Porsche 911, 918, 924, 928, 944 and 968

Subaru WRX

Triumph TR-7 and TR-8

Volkswagen GTI and R32

Published October, 2015

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