



Mastercool[®] Inc.

"World Class Quality"

69788-A* AUTOMATIC R134a R/R/R **69789*** FULLY AUTOMATIC R134a R/R/R **69789-H*** R134a & HYBRID R/R/R



69789/69789-H Specifications

- Type of refrigerant: R134a
- Service Procedure: Fully automatic or manual
- Voltage: 115 V / 60 Hz
- Scale Resolution: .02 lb (10g)
- Oil Scale Resolution: .01 lb (5g)
- Working Temperature Range: 59/120°F (11/49°C)
- Filter System: 2 filters for humidity
- Vacuum Pump: 6 CFM (100 litre/min) capacity, (.001 psi) 0.1 mbar vacuum level
- Compressor: Hermetically sealed, 12cc, high pressure
- Recovery Speed: .66 lb/min (300g/min) in liquid phase
- Recovery Cylinder: 30 lb (22 litres), refillable
- Hoses: 96" (250cm)
- Couplers: Manual
- Thermal Printer: Standard Equipment
- Pressure Gauges: Class 1
- Bottle Temperature Sensor: Integrated
- Bottle Heater: Standard Equipment
- Dimensions: 41.3" (h) x 23.6" (w) x 21.6" (d) (105 x 60 x 55 cm)
- Weight: 176 lbs (80 kg)

69788-A Specifications

- Type of Refrigerant: R134a
- Service Procedure: Automatic/Programmable or Manual
- Voltage: 115 V / 60 Hz
- Scale Resolution: .02 lb (10g)
- Working Temperature: 59/120°F (11/49°C)
- Filter System: 2 filters for humidity
- Vacuum Pump: 6 CFM (100 litre/min)
- Compressor: Hermetically sealed, 12cc, high pressure
- Recovery Cylinder: Internally mounted 30 lb. DOT tank
- Hoses: 96" (250cm)
- Couplers: Manual
- Bottle Temperature Sensor: Integrated
- Bottle Heater: Standard Equipment
- Dimensions: 40.25" (h) x 22.75" (w) x 20" (d) (102 x 58 x 51 cm)
- Weight: 157 lbs (71 kg)

	69788-A	69789	69789-H
• Large Display: 4.8" (w) x 1.7" (h) (122mm (w) x 42mm (h))	X		
• Large Graphic Display: 4.3" (w) x 2.4" (h) (110mm (w) x 60mm (h))		X	X
• Quality Performance Year after Year	X	X	X
• Design Certified for Compliance with SAE J2788 : New A/C systems are smaller. Machines must charge within .5 oz and recover 95% of the refrigerant.	X	X	X
• Automatic/Programmable or Manual : Can be programmed to complete a continuous recovery/recycle, vacuum and recharge. Can also be set to run each operation individually.	X	X	X
• Includes Refrigerant Capacity Database (over 1000 vehicles) : Includes refrigerant capacities for US and Import makes and models from 1995 to 2012. Capable of database upgrades as well.	X	X	X
• Auto Vacuum Leak Test : Can be programmed to perform a vacuum leak test and will inform the technician of possible leaks.	X	X	X
• Auto Oil Discharge : Oil is automatically discharged during the recovery process. If oil is present, it will drain into a graduated container clearly displaying the amount of oil that was removed.	X	X	X
• Auto Air Purge: Automatically purges non-condensable gas (NCG) from the storage tank during recovery.	X	X	X
• Auto Filter Alarm : The machine's LCD and alarm will warn that a filter change is required.	X	X	X
• Compact Footprint : The machine's compact design makes it easy to maneuver and requires minimal shop space.	X	X	X
• Full Tank Alarm : Notifies operator when tank is full.	X	X	X
• Low Refrigerant Alarm : Notifies operator when refrigerant is low.	X	X	X
• Automatic Oil Injection : With electronic scale to protect the contents against contact and ambient humidity.		X	X
• Thermal Printer : For a complete, detailed report.		X	X
• Fully Integrated Real "Loop," Flushes Service Hoses Only by Refrigerant Circulation Flushing eliminates the risk that residues of different (non-insulating) oils may be injected into the A/C system, jeopardizing its safety and operation.			X
• High Voltage Protection			X
• Used on all Hybrid and R134a Vehicles			X



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R/R/R MACHINE

**REPAIRABLE PARTS BREAKDOWN
(69788-A, 69789, 69789-H)**

REF.#	DESCRIPTION	PART #
1.	GREY PLASTIC HANDLE (69788-A) BLACK PLASTIC HANDLE (69789/69789-H)	69788-49
2.	BLUE FRONT PLASTIC COVER (69788-A) GREY FRONT PLASTIC COVER (69789/69789-H)	69788-CASE-BLUE
3.	GREY REAR PLASTIC COVER (69788-A) BLACK REAR PLASTIC COVER (69789/69789-H)	69788-CASE-GREY
4.	LEFT SIDE GREY DOOR (69788-A) LEFT SIDE BLACK DOOR (69789/69789-H)	69788-B-002-LSD
5.	RIGHT SIDE GREY DOOR (69788-A) RIGHT SIDE BLACK DOOR (69789/69789-H)	69788-B-002-RSD
6.	GREY REAR PLASTIC COVER WITH WINDOWS (69788-A) BLACK REAR PLASTIC COVER WITH WINDOWS (69789/69789-H)	69788-33
7.	FRONT WHEEL CASTERS	69788-27
8.	REAR WHEELS	69788-28
9.	REAR WHEEL NUT	69788-44
10.	REAR WHEEL CAP	69788-45
11.	HIGH SIDE GAUGE	69788-15
12.	LOW SIDE GAUGE	69788-14
13.	OIL BOTTLE WITH CONNECTORS	69788-18
14.	OIL BOTTLE SQUARE	69788-50
15.	TANK FITTING ADAPTER	69788-332
16.	TEFLON GASKET FOR SERVICE HOSE 2 PCS	82010-10
17.	96" R134a BLUE HOSE 1/2" ACME-F & 14MM-M	84961
18.	96" R134a RED HOSE 1/2" ACME-F & 14MM-M	84963
19.	R134a LOW SIDE MANUAL COMPACT COUPLER 14MM CONNECTION	82934
20.	R134a HIGH SIDE MANUAL COMPACT COUPLER 14MM CONNECTION	82834
21.	110V CABLE ASSEMBLY	6535-110
22.	500 GRAM WEIGHT FOR R/R/R MACHINE	69788-500G-W
23.	16 OZ. (450 ML) VACUUM PUMP OIL	90016
24.	USED OIL BOTTLE FOR ALL WITH CONNECTORS	69788-18-U
25.	FILTER PACK FOR R/R/R MACHINES	69788-FLTRPK
26.	BLACK DUST COVER	69788-TENT-COV
27.	BLACK KNOB / BLUE CAP	69788-41 / 69788-42
28.	BLACK KNOB / RED CAP	69788-41 / 69788-43
29.	VACUUM PUMP OIL FILL ATTACHMENT	69788-13

