

A/C SYSTEM SPECIFICATIONS

1994 Mitsubishi 3000GT

1994 AIR CONDITIONING & HEAT
Chrysler/Mitsubishi A/C System Specifications

Dodge; Colt, Stealth
Eagle; Summit, Summit Wagon
Mitsubishi; 3000GT, Eclipse, Expo, Galant, Mirage,
Montero, Pickup, Precis
Plymouth; Colt Vista

MANUAL A/C SYSTEM SPECIFICATIONS

MANUAL A/C SYSTEM SPECIFICATIONS (COLT, SUMMIT & MIRAGE)

MANUAL A/C SYSTEM SPECIFICATIONS TABLE (COLT, SUMMIT & MIRAGE)

Application	Specification
Compressor Type	Sanden FX105V Scroll
Compressor Belt Deflection (1)	
1.5L	
New20-.24" (5.0-6.0 mm)
Used24-.28" (6.0-7.0 mm)
1.8L	
New22-.24" (5.5-6.0 mm)
Used27-.30" (6.8-7.6 mm)
Compressor Oil Capacity (2)	4.4-5.1 ozs.
Refrigerant (R-134a) Capacity	26-30 ozs.
System Operating Pressures (3)	
Low Side	20-30 psi (1.4-2.1 kg/cm ²)
High Side	105-148 psi (7.3-10.4 kg/cm ²)

(1) - Measured at longest belt run with 22 lbs. (10 kg) applied.

(2) - Use SUN PAG 56 refrigerant oil.

(3) - Specification is with ambient temperature at about 80 °F (27 °C).

MANUAL A/C SYSTEM SPECS - COLT VISTA, SUMMIT WAGON & EXPO

MANUAL A/C SPECIFICATIONS TABLE (COLT VISTA, SUMMIT WAGON & EXPO)

Application	Specification
Compressor Type	Nippondenso 10PA17C 10-Cyl.
Compressor Belt Deflection	
1.8L (1)	
New	7/32-17/64" (5.5-6.8 mm)
Used	17/64-19/64" (6.8-7.6 mm)
2.4L (2)	
New	11/64-3/16" (4.3-4.8 mm)
Used	7/32-15/64" (5.5-6.0 mm)
Compressor Oil Capacity (3)	
1.8L	3.4-4.8 ozs.
2.4L	2.0-3.4 ozs.
Refrigerant (R-134a) Capacity	26.8 ozs.
System Operating Pressures (4)	
High Side	164 psi (11.5 kg/cm ²)
Low Side	27 psi (1.9 kg/cm ²)

(1) - Measured between crankshaft pulley and power steering pulley

- with 22 lbs. (10 kg) pressure applied.
- (2) - Measured between crankshaft pulley and tensioner pulley with 22 lbs. (10 kg) pressure applied.
- (3) - Use DENSO/ND-Oil 8 refrigerant oil.
- (4) - Specification is with ambient temperature at about 77°F (25°C).

MANUAL A/C SYSTEM SPECIFICATIONS - ECLIPSE & GALANT

MANUAL A/C SYSTEM SPECIFICATIONS TABLE (ECLIPSE & GALANT)

Application	Specification
Compressor Type	
Eclipse	Nippondenso 10PA17 10-Cyl.
Galant	Sanden AX105VS Scroll
Compressor Belt Deflection	
Eclipse	
New	
1.8L	5/32-13/64" (4.0-5.0 mm)
2.0L	11/64-13/64" (4.5-5.0 mm)
Used	7/32-15/64" (5.5-6.0 mm)
Galant	
New	7/32-15/64" (5.6-6.1 mm)
Used	17/64-19/64" (6.6-7.6 mm)
Compressor Oil Capacity	
Eclipse	2.0-3.4 ozs.
Galant	(1) 5.1-5.7 ozs.
Refrigerant Capacity	
Eclipse (R-12)	33.0 ozs.
Galant (R-134a)	26.1-27.5 ozs.
System Operating Pressures	
Eclipse (2)	
High Side	142-199 psi (9.9-14.0 kg/cm ²)
Low Side	11-26 psi (0.8-1.8 kg/cm ²)
Galant (3)	
High Side	111-139 psi (7.8-9.8 kg/cm ²)
Low Side	6-20 psi (.4-1.4 kg/cm ²)

- (1) - Use SUN PAG 56 refrigerant oil.
- (2) - With ambient temperature at about 80°F (27°C).
- (3) - With ambient temperature at about 77°F (25°C).

MANUAL A/C SYSTEM SPECIFICATIONS - MONTERO & PICKUP

MANUAL A/C SYSTEM SPECIFICATIONS TABLE (MONTERO & PICKUP)

Application	Specification
Compressor Type	
Montero	Nippondenso 10PA15 10-Cyl.
Pickup	Sanden MSC90C Scroll
Compressor Belt Deflection (1)	
Montero	
New	13/64-15/64" (5.1-6.0 mm)
Used	17/64-19/64" (6.6-7.5 mm)
Pickup	21/64-25/64" (8.3-9.9 mm)
Compressor Oil Capacity	
Montero	(2) 2.7 ozs.
Pickup	(3) 4.1-4.8 ozs.
Refrigerant (R-134a) Capacity	
Montero	21-23 ozs.

Pickup 26-28 ozs.
 System Operating Pressures (4)
 Montero
 High Side 149-213 psi (10.5-15.0 kg/cm²)
 Low Side 14-33 psi (1.0-2.3 kg/cm²)
 Pickup
 High Side (5)
 Low Side (5)

- (1) - With 22 lbs. (100 N.m) force applied midway on longest span of belt.
- (2) - Use DENSO/ND-OIL 8 refrigerant oil.
- (3) - Use SUN PAG 56 refrigerant oil.
- (4) - With ambient temperature at about 80°F (27°C).
- (5) - Information not available from manufacturer.

MANUAL A/C SYSTEM SPECIFICATIONS - STEALTH & 3000GT

MANUAL A/C SYSTEM SPECIFICATIONS TABLE (STEALTH & 3000GT)

Application	Specification
Compressor Type	Sanden MSC105 Scroll
Compressor Belt Deflection	
DOHC	
New	9/64-5/32" (3.6-4.1 mm)
Used	5/32-13/64" (4.1-5.1 mm)
SOHC	
New	17/64-9/32" (6.6-7.1 mm)
Used	9/32-11/32" (7.1-8.6 mm)
Compressor Oil Capacity (1)	4.6-6.0 ozs.
Refrigerant Capacity (R-134a)	26-28 ozs.
System Operating Pressures (2)	
High Side	111-118 psi (7.8-8.3 kg/cm ²)
Low Side	18.5-27.5 psi (1.3-1.9 kg/cm ²)
(1) - Use SUN PAG 56 refrigerant oil. (2) - With ambient temperature at 80°F (27°C).	

MANUAL A/C SYSTEM SPECIFICATIONS - PRECIS

MANUAL A/C SYSTEM SPECIFICATIONS TABLE (PRECIS)

Application	Specification
Compressor Type	Halla FX-15 10-Cyl.
Compressor Belt Deflection (1)	11/32-13/32" (8.7-10.3 mm)
System Oil Capacity	(2) 6.9-7.7 ozs.
Refrigerant (R-134a) Capacity	24.0-25.0 ozs.
System Operating Pressures (3)	
High Side	125-225 psi (8.8-15.8 kg/cm ²)
Low Side	23-45 psi (1.6-3.2 kg/cm ²)
(1) - Measured mid-span of longest run of belt. (2) - Use Daphne Hermetic FD46XG PAG oil. (3) - With ambient temperature at about 80°F (27°C).	

AUTOMATIC A/C SYSTEM SPECIFICATIONS

AUTOMATIC A/C SYSTEM SPECIFICATIONS - DIAMANTE

AUTOMATIC A/C SYSTEM SPECIFICATIONS TABLE (DIAMANTE)

Application	Specification
Compressor Type	
Sedan	Sanden MSC105 Scroll
Wagon	Nippondenso 10PA17C 10-Cyl.
Compressor Belt Deflection	
DOHC Engine	
New	9/64-5/32" (3.5-4.0 mm)
Used	5/32-13/64" (4.0-5.0 mm)
SOHC Engine	
New	17/64-9/32" (6.5-7.0 mm)
Used	19/64-11/32" (7.5-8.5 mm)
System Oil Capacity	
Sedan	(1) 5.7-6.4 ozs.
Wagon	5.4 ozs.
Refrigerant (R-134a) Capacity	26-28 ozs.
System Operating Pressures (2)	
High Side	105-112 psi (7.4-7.9 kg/cm ²)
Low Side	19-28 psi (1.3-2.0 kg/cm ²)
(1) - Use SUN PAG 56 refrigerant oil.	
(2) - Specification is with ambient temperature at about 80°F (26.7°C).	

AUTOMATIC A/C SYSTEM SPECIFICATIONS - STEALTH & 3000GT

AUTOMATIC A/C SYSTEM SPECIFICATIONS TABLE (STEALTH & 3000GT)

Application	Specification
Compressor Type	Sanden MSC105 Scroll
Compressor Belt Deflection	
DOHC	5/32-7/32" (4.0-5.5 mm)
SOHC	19/64-3/8" (7.5-9.5 mm)
Compressor Oil Capacity (1)	4.6-6.0 ozs.
Refrigerant Capacity	26-28 ozs.
System Operating Pressures (2)	
High Side	111-118 psi (7.8-8.3 kg/cm ²)
Low Side	18.5-27.5 psi (1.3-1.9 kg/cm ²)
(1) - Use SUN PAG 56 refrigerant oil.	
(2) - With ambient temperature at 80°F (27°C).	