

⚠ WARNING

A/C service can be dangerous.
To prevent **SERIOUS INJURY**,
read entire manual before use.

ATTACH COUPLERS:

Attach Couplers to
A/C system,
Blue to
suction LP port
and Red to
discharge HP port.

CONNECT HOSES:

Connect Red and Blue Hoses
to Manifold and Couplers as shown,
RED – RED and BLUE – BLUE.
Connect Yellow Hose to R-134a supply.
KEEP R-134A CAN/CYLINDER UPRIGHT.

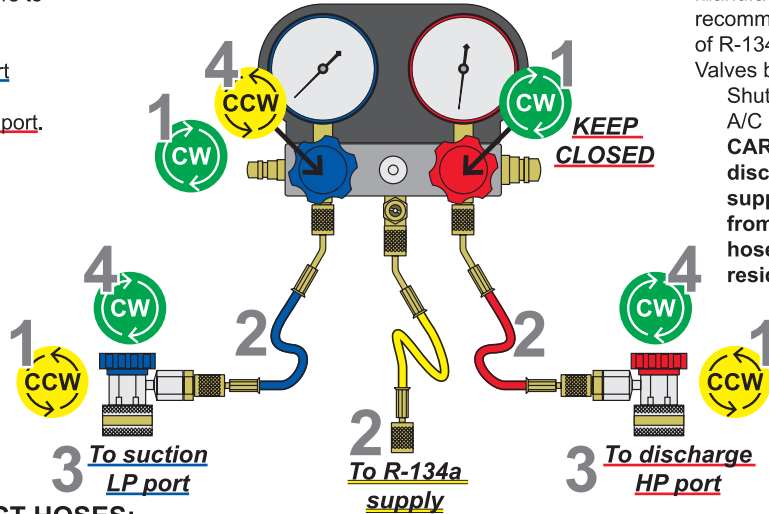
Charging

4 CHARGING:

Turn on engine, allow to warm up,
then turn on A/C.
Open Coupler Valves - turn CW.
Only open BLUE Manifold Valve - turn CCW.

5 AFTER:

After charging
manufacturer
recommended amount
of R-134a, close Coupler
Valves by turning CCW.
Shut off engine and
A/C system.
CAREFULLY
disconnect R-134a
supply and Couplers
from A/C system;
hoses may contain
residual refrigerant.



1 CLOSE ALL VALVES:

Manifold Valves - turn CW.
Coupler Valves - turn CCW.

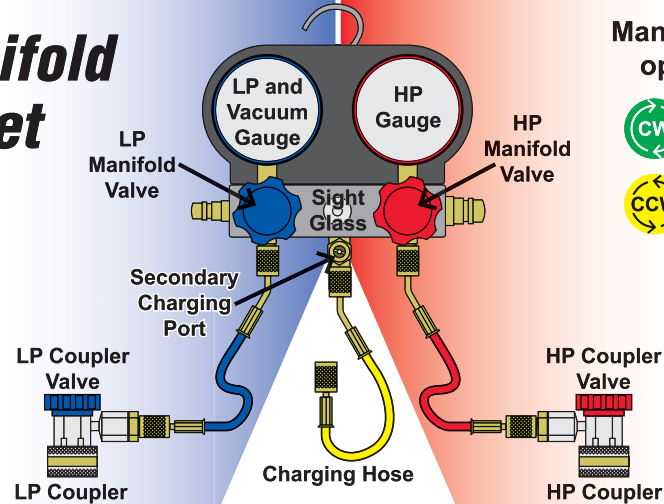
Blue LP (Low-Pressure) side

Red HP (High-Pressure) side

A/C Manifold Gauge Set

Quick Reference Guide

ITEM 60806



Manifold Valve operation:

= close (clockwise)

= open (counterclockwise)

Coupler Valve operation:

= close (counterclockwise)

= open (clockwise)

⚠ WARNING

To prevent **SERIOUS INJURY** and **DEATH**:

1. **READ ENTIRE MANUAL BEFORE USE.**
2. Use in well-ventilated area only.
3. Wear ANSI-approved safety goggles and heavy-duty work gloves during setup and use.
4. **DO NOT OPEN** either Manifold Valve unless directed to do so; otherwise, refrigerant leaks, A/C contamination, and hazardous expulsion of pressurized refrigerant may occur.
5. Keep gauge and hoses away from moving engine parts.
6. Turn off vehicle's engine and A/C system before attaching gauge.
7. Technicians performing this procedure or opening refrigeration circuit in automotive air conditioning systems **MUST** be certified in refrigerant recovery and recycling procedures in compliance with section 609 of Clean Air Act Amendments of 1990.

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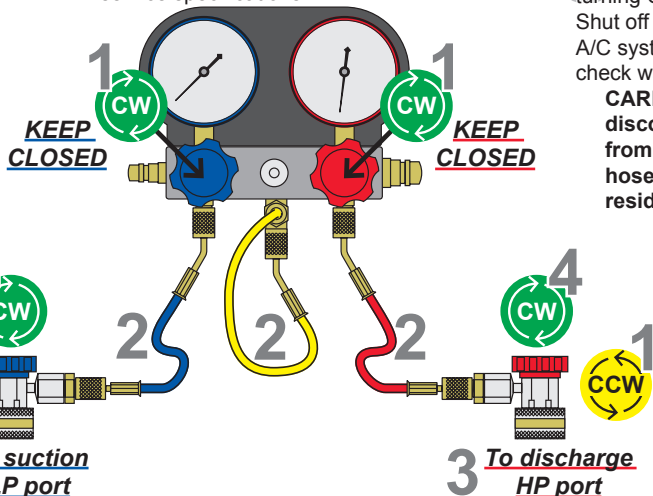
Diagnostic Check

4 CHECK:

To do a dynamic check, turn on engine,
allow to warm up, then turn on A/C.
Open Coupler Valves - turn CW.
Compare Gauge readings to vehicle's
service specifications.

5 AFTER:

Close Coupler Valves by
turning CCW.
Shut off engine and
A/C system if dynamic
check was done.
CAREFULLY
disconnect Couplers
from A/C system;
hoses may contain
residual refrigerant.



CONNECT HOSES:

Connect Red, Blue and Yellow Hoses
to Manifold and Couplers as shown,
RED - RED and BLUE - BLUE.

1 CLOSE ALL VALVES:

Manifold Valves - turn CW.
Coupler Valves - turn CCW.

Recovery / Evacuation

4 RECOVERY / EVACUATION:

Turn on recovery system / vacuum pump.
Open Coupler Valves - turn CW.
Open Manifold Valves - turn CCW.
Read amount of vacuum on Blue LP Gauge.

ATTACH COUPLERS:

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A/C system,
Blue to
suction LP port
and Red to
discharge HP port.

CONNECT HOSES:

Connect Red and Blue Hoses
to Manifold and Couplers as shown,
RED - RED and BLUE - BLUE.
Connect Yellow Hose to
refrigerant recovery system / vacuum pump.

1 CLOSE ALL VALVES:

Manifold Valves - turn CW.
Coupler Valves - turn CCW.

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5 AFTER:

Shut off recovery system
/ vacuum pump when
vacuum reaches
manufacturer's
recommendation.
Close Coupler Valves by
turning CCW.
Disconnect Couplers from
A/C system.

