



Comfort Where It Counts.

WSP/WHP AND WCX/WHX BLOWER WHEEL INSTALLATION INSTRUCTIONS

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Kit contains replacement fan motor mount bracket and replacement blower wheel. Fan motor MUST be mounted horizontally and square to prevent blower wheel from becoming unbalanced.

NOTICE

Failure to replace existing fan motor mount bracket may result in continued unit vibration and will void warranty.

Kit installation shall be completed by qualified service agency.

⚠ WARNING

Electrical shock hazard. Remove access panel(s), turn OFF electrical power at both indoor and outdoor units. Failure to do so could result in death or serious injury.

1. Disconnect power supply.
2. Remove front cover (intake grill) from unit by lifting up and out. See Figure 2.
3. Remove 4 screws holding cabinet/wrapper assembly and lift up and out. See Figure 3.
4. Remove control box cover by removing appropriate screws. See Figure 5.
5. Remove control panel by removing appropriate screws. See Figure 6.
6. Remove 3 screws holding blower wheel-bearing hub on scroll located on right side of housing. See Figure 8.
7. Remove screws on left and right side of evaporator coil. Screws hold coil to housing. See Figures 6 & 8.

NOTICE

Support or secure evaporator coil to prevent damage to refrigerant connections when removing.

8. Pull evaporator coil forward to allow access to Allen screw (3/32) tightened down to motor shaft. See Figures 7 & 9.
9. Remove screws securing fan motor bracket.
10. Replace new bracket, draw down screws evenly without over compression of rubber grommets. Failure to draw down evenly will cause imbalanced blower wheel.
11. Install new wheel by sliding wheel loosely onto motor shaft, mounting right side first. Place metal hub over rubber retainer and mount metal hub in place with 3 screws. See Figures 10 & 11.

WSP/WHP REV. C (Sleeve Bearing) 9/12 KIT # 55000618		
PART #	DESCRIPTION	QTY
109004078	Motor Bracket	1
240002460	Bearing Assembly	1
240002462	Blower Wheel	1
614000884	Installation Instructions	1
WSP/WHP REV. C (Sleeve Bearing) 15/18 KIT # 55000619		
1090004078	Motor Bracket	1
2400002460	Bearing Assembly	1
2400002461	Blower Wheel	1
614000884	Installation Instructions	1
WSP/WHP REV. C (Sleeve Bearing) 24/30/36 KIT # 550000620		
1090004078	Motor Bracket	1
2400002460	Bearing Assembly	1
2400002843	Blower Wheel	1
614000884	Installation Instructions	1

NOTICE

REV. "C" units, retainer ring must be added to bearing (see page 3).

12. Before tightening blower wheel to motor shaft, place pressure on blower wheel to force pressure to bearing hub. While pressure is being applied, tighten blower wheel to motor shaft.
13. Reassemble unit.
14. Reconnect power.

INSTALLATION

MODEL AND REVISION IDENTIFICATION

WSP/WHP - REV. C

Figure 1 - WSP/WHP Units Manufactured After June 1997.



WSP/WHP - REV. C

Figure 2 - Front Cover



Figure 3 - Cabinet/Wrapper

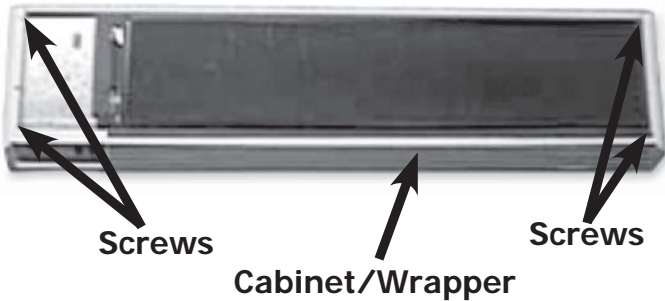


Figure 4 - Unit Mount - Infrared Controls



Figure 5 - Control Panel & Control Box Cover

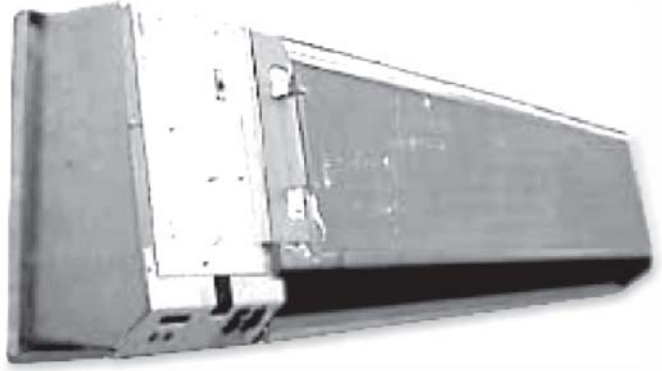


Figure 6 - Service & Control Box Panels (Service Panel Removed)

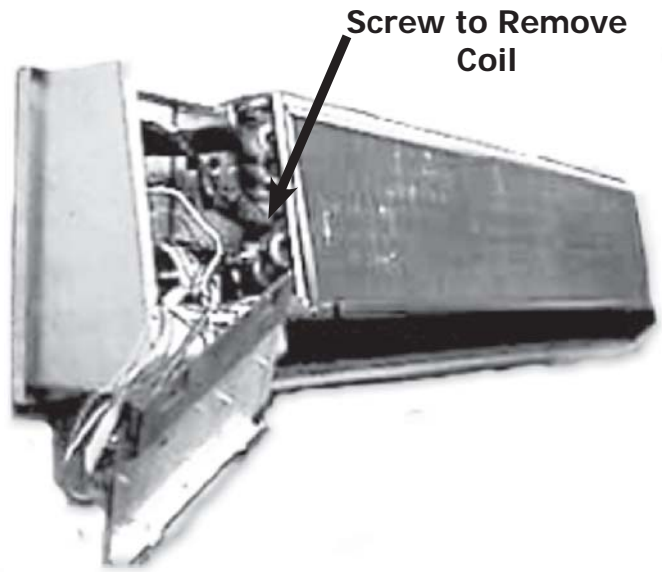


Figure 7 - Back Out Allen Screw To Release Motor Shaft.



Figure 8 - WSP/WHP Rev. A & B, WCX/WHX Rev. F. (Bearing End Of Blower Wheel)

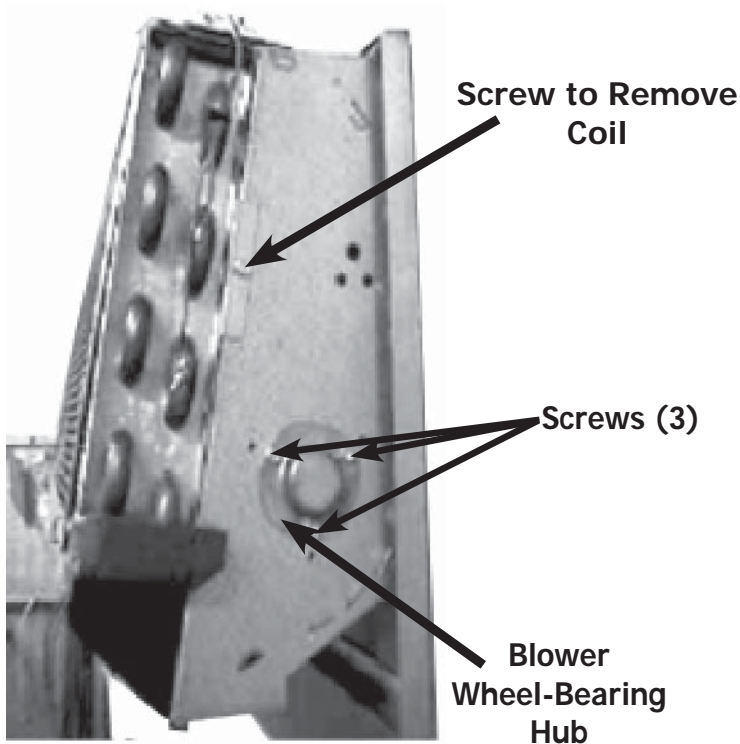
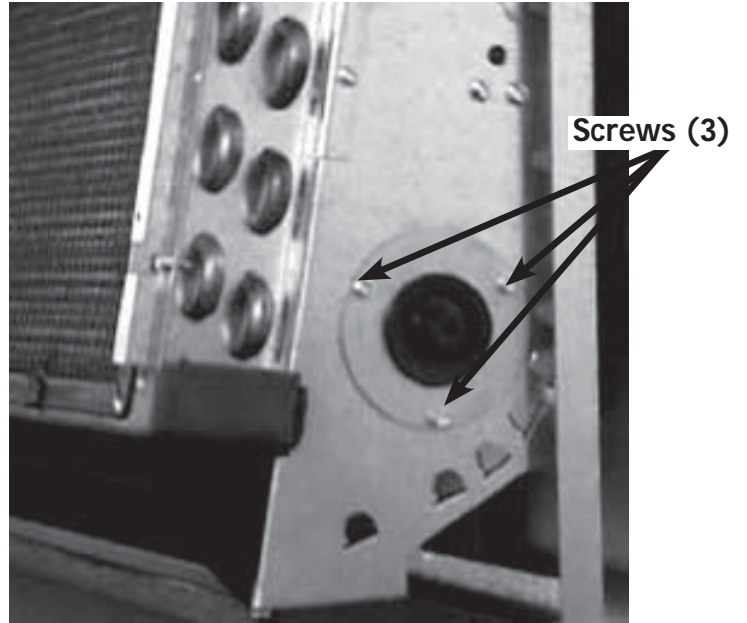


Figure 10 - WSP/WHP Rev. C Blower Wheel Bearing



BEFORE MOUNTING SLEEVE BEARING TO CHASSIS, A RETAINER RING IS ADDED AS SHOWN IN THE FOLLOWING PHOTOS.

Figure 9 - Blower Wheel Removal For All Models



Secure Coil

Figure 11 - Add Retainer Ring to Bearing



**Figure 12 - Finished View Of Retainer Ring Installed
Onto Bearing**



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