



TIPS & TRICKS

Compressor failure causes Applications All models equipped with A/C

Causes of compressor failures

Symptoms	Orange-colored oil
Diagnosis	System contaminated with water
Possible causes	<ul style="list-style-type: none"> • Dryer full of water (no replacement) • Vacuum process never completed or wrong process or too short
Photo	

Symptoms	Dark green colored oil
Diagnosis	Fracture of the piston push rod
Possible causes	Wrong oil
Photo	



Causes of compressor failures

Symptoms	Traces of scratches on pistons or pistons seizure
Diagnosis	Overheated compressor
Possible causes	<ul style="list-style-type: none"> • Too little refrigerant • Too little oil • Clutch failure
Photo	

Symptoms	Sticker partly burnt and overheated+visible hot spots
Diagnosis	Compressor seized or blocked
Possible causes	<ul style="list-style-type: none"> • Condenser is dirty • Problem with the fan • Leaking shaft sealant • Too much refrigerant
Photo	



More information on : www.valeoservice.co.uk





Lorem ipsum dolor
0 810 600 606

Smart care for you
valeoservice.com



Causes of compressor failures

Symptoms	Silver colored oil
Diagnosis	Defective compressor, large metals debris in the mixture of the refrigerant and oil
Possible causes	Unusual operating conditions <ul style="list-style-type: none"> • Wrong oil • Lack of servicing
Photo	

Symptoms	Dark marks on HP valves
Diagnosis	Temperature and pressure too high
Possible causes	<ul style="list-style-type: none"> • Condenser is dirty • Problem with the fan • Leaking shaft sealant • Too much refrigerant in the system
Photo	



More information on :
www.valeoservice.co.uk




Lorem ipsum dolor
 0 810 600 606

Smart care for you
valeoservice.com



Causes of compressor failures

Symptoms	Sludge inside the compressor or metallic filings
Diagnosis	Damaged compressor
Possible causes	<ul style="list-style-type: none"> • No rinsing/ no cleaned system • Insufficient rinsing of the system after replacing the compressor
Photo	



More information on :
www.valeoservice.co.uk



Lorem ipsum dolor
0 810 600 606

Smart care for you
valeoservice.com

