

ARDINA Car Care Problem Reference Guide



PROBLEM	CAUSE	GASOLINE TREATMENT	GASOLINE INJECTOR CLEANER	STARTING FLUID SPRAY	TOTAL ENGINE CONDITIONER	EGR CLEANER & INTAKE CLEANER	DRY FUEL	DIESEL TREATMENT	DIESEL INJECTOR CLEANER	DIESEL STOP SMOKE	DPF REGENERATION AID	STARTING FLUID SPRAY	TOTAL ENGINE CONDITIONER	DPF CLEANING KIT	EGR CLEANER & INTAKE CLEANER	DRY FUEL	RADIATOR SEALER & CONDITIONER	RADIATOR CLEANER	ENGINE FLUSH	OIL STOP LEAK	UNIVERSAL OIL STOP LEAK	OIL STOP SMOKE	MOTOR OIL TREATMENT + MOS2	CERAMIC ENGINE PROTECTOR	HYDRAULIC VALVE LIFTER TREATMENT
Poor cold starting	Water contamination in fuel tank			✓		✓						✓			✓										
	Carbon build-up on injectors / poor spray pattern	•	✓	✓	✓	•		•	✓	•		✓	✓		•										
	Deposit build-up in combustion chamber	✓	✓	✓	✓	•		✓	✓	•		✓	✓		•										
	Dirty fuel system and / or carburetor	•	✓	✓	✓	•		•	✓	•		✓	✓		•										
	Diesel crystallization																✓								
Heavy fuel consumption	Carbon build-up on injectors / poor spray pattern	•	✓		✓	•		•	✓	•		✓		•											
	Deposit build-up in combustion chamber	✓	✓		✓	•		✓	✓	•		✓		•											
	Dirty fuel system and / or carburetor	•	✓		✓			•	✓	•		✓													
	Contaminated air intake / restricted airflow	•	•		✓	✓		•	•	•		✓		✓											
	Contaminated / non-functioning EGR System	•	•		✓	✓		•	•	•		✓		✓											
Poor acceleration / performance	Carbon build-up on injectors / poor spray pattern	•	✓		✓	•		•	✓	•		✓		•											
	Fuel octane rating (RON) below requirement	•	•		•	•		•	•	•		•		•											
	Dirty fuel system and / or carburetor	•	✓		✓			•	•	•		✓													
	Contaminated air intake / restricted airflow	•	•		✓	✓		•	•	•		✓		✓											
Stalling / Hesitation / Flat Spots	Carbon build-up on injectors / poor spray pattern	•	✓		✓	•		•	✓	•		✓		•											
	Deposit build-up in combustion chamber	✓	✓		✓	•		✓	✓	•		✓		•											
	Dirty fuel system and / or carburetor	•	✓		✓	•		•	•	•		✓		•											
	Contaminated air intake / restricted airflow	•	•		✓	✓		•	•	•		✓		✓											
Rotten egg smell	Incomplete fuel combustion	✓	•		•	•		✓	•	•		•		•											
	Fuel octane rating (RON) below requirement	•	•		•			•	•	•		•		•											
Pinking & pre-ignition	Deposit build-up in combustion chamber	✓	✓		✓	•		✓	✓	•		✓		•											
	Low sulphur diesel							✓	✓	•															
Wear of diesel fuel pump	Carbon build-up							✓	✓	•				•											
Diesel knock / Cabin noise	Carbon build-up							✓	✓	•				•											
Coolant leaks	Small holes in cooling system / prevention of																								
Inefficient cooling / heating	Contaminant build-up in cooling system																✓								
	Insufficient heat transfer via cooling liquid																✓								
High exhaust emissions	Incomplete fuel combustion, incorrect air/fuel ratio	✓	✓		✓	✓		✓	✓	✓		✓		✓											
Blue smoke at start-up	Oil seeping past inlet valves, degradation of valve stem oil seals																			✓	✓	•			
	Worn engine components																			•	•	✓	•	•	
Blue smoke when accelerating or changing gear	Oil seeping past piston rings & burning in combustion chamber	✓			✓			✓	•	•		✓							✓		✓	•	•		
White smoke	Water contamination of fuel system					✓								✓											
Black smoke (diesel)	Diesel mixture too rich							•	•	✓		✓		✓											
	High soot particle emissions							•	•	✓		✓		✓											
Black smoke (petrol)	Carbon build-up in injectors / poor spray pattern	•	✓		✓	•																			
	Deposit build-up in combustion chamber	✓	•		✓	•																			
Blue / Black smoke	Oil burning in combustion chamber / by-passing piston rings	✓	✓		✓	•		✓	✓	✓		✓		•					✓		✓	•	✓		
	Oil seeping past inlet valves, degradation of valve stem oil seals																			✓	✓	•			
Excessive oil consumption	Oil burning in combustion chamber / by-passing piston rings	✓	✓		✓	•		✓	✓	✓		✓		•					✓	✓	•	•	•		
	Oil seeping past inlet valves, degradation of valve stem oil seals																			✓	✓	•	•		
Engine oil leaks	Degraded rubber or neoprene seals in the oil system																			✓	✓	•	•		
Low compression / Oil pressure	Sludge and carbon deposit build-up on piston rings	✓	✓		✓			✓	✓	✓		✓		•					✓		•	•	•		
	Engine wear																				•	•	•		
Black sludgy oil on dipstick	Sludge and carbon deposit build-up in oil system	•	•		•	•		•	•	•		•		•					✓						
	New oil contaminates quickly				•	•								•						✓					
Tappet noise / Sticking hydr valve lifters	Lacquer build-up in tappets / valve lifters / lash adjusters																		✓					✓	
Top end engine rattle	Engine wear																			•	•	•	•	•	
DPF warning light on	High soot loading in filter, regeneration required										✓		✓												
Clogged DPF	High soot loading in filter, no regeneration possible										•		✓												
Clogged diesel fuel filter	Crystallized diesel or bacteria contaminated diesel							•	•																

✓ Problem solver • Problem prevention

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