

Problem	Possible Cause	Action	Link / Comment
Engine does not crank	Operating error	- Check Operating checklist	Operation checklist - every start.pdf
	Battery Discharged	- Recharge Battery	
		- Check Charging System	Charging System
		- Check Grounding cables	Battery cable.pdf
		- Check Power Cable	
	Electrical Issue	- Check Main Fuse - Check the Main relay	
	Faulty Ignition Button	- Check Ignition Button	
	Faulty starter Relay	- Check Start stop switch	Troubleshoot Start Stop Switch-Customer.pdf
		- Check Starter Relay - Check Loom	Wiring Diagram
	Faulty Starter Motor	- Check Starter Motor	
		- Check Bendix	Bendix - 30-0088
	Faulty Start Stop Switch	- Check start stop switch	Troubleshoot Start Stop Switch-Customer.pdf
Engine cranks but does not start	Operating error	- Check Operating checklist	Operation checklist - every start.pdf
	Battery Discharged	- Recharge Battery	
		- Check Charging System	Charging System
		- Check Regulator Fuse	
		- Check Grounding cables	Battery cable.pdf
		- Check Power Cable	
	Idle screw not set correctly	- Adjust idle speed	
	Fuel Supply interrupted	- Check fuel tank breather	
		- Check fuel filters	Injection Fuel Pump - Pump - 40-0137-1
		- Check fuel lines	
		- Check Fuel pressure	
		- Check Fuel Pump Fuse	
		- Check Fuel Pump	Troubleshoot Fuel pump.pdf
		- Check Injector Fuse	
		- Check Injector connector order	Wiring Diagram
		- Check Injectors	
	Faulty Pick-up sensor	- Check Pick-up sensor	Troubleshoot Hall Effect-Customer.pdf
	Faulty ignition	- Check Spark plugs	Spark plug - BPR8ES - 30-0257
		- Check Coil leads	
		- Check Coil leads order	Wiring Diagram
		- Check Ignition Lug Cylinder Head	
		- Check Coil fuse	
		- Check Ignition Coils	
		- Check ECU Fuse	
		- Check ECU	
	Faulty Engine Sensors	- Check TMAP Sensor	
		- Check TPS Sensor	
Engine starts but does not idle	Idle screw not set correctly	- Adjust idle speed	
	Battery Discharged	- Recharge Battery	
		- Check Charging System	Charging System
		- Check Regulator Fuse	
		- Check Grounding cables	Battery cable.pdf
		- Check Power Cable	
	Fuel Supply interrupted	- Check fuel tank breather	
		- Check fuel filters	Injection Fuel Pump - Pump - 40-0137-1
		- Check fuel lines	
		- Check Fuel pressure	
		- Check Fuel Pump Fuse	
		- Check Fuel Pump	Troubleshoot Fuel pump.pdf
		- Check Injector Fuse	
		- Check Injector connector order	Wiring Diagram
		- Check Injectors	
	Faulty ignition	- Check Spark plugs	Spark plug - BPR8ES - 30-0257
		- Check Coil leads	
		- Check Ignition Lug Cylinder Head	
		- Check Ignition Coils	
	Air Leak	- Check Fuel line bubbles	
		- Pressure test the Engine	
		- Check Base Gasket (pressure test)	Base Gasket 1200 - 30-0219
	Faulty Engine Sensors	- Check TMAP Sensor	
		- Check TPS Sensor	
	Battery Discharged	- Recharge Battery	
		- Check Charging System	Charging System
		- Check Regulator Fuse	
		- Check Grounding cables	Battery cable.pdf
		- Check Power Cable	
		- Check fuel tank breather	
		- Check fuel filters	Injection Fuel Pump - Pump - 40-0137-1
		- Check fuel lines	

Engine does not speed up	Fuel Supply interrupted	<ul style="list-style-type: none">- Check Fuel pressure- Check Fuel Pump Fuse- Check Fuel Pump- Check Injector Fuse- Check Injector connector order- Check Injectors	
			Troubleshoot_Fuel_pump.pdf
			Wiring Diagram
	Faulty ignition	<ul style="list-style-type: none">- Check Spark plugs- Check Coil leads- Check Ignition Lug Cylinder Head- Check Ignition Coils- Check Rev-Limiter (engine Mode)	Spark plug - BPR8ES - 30-0257
	Check Exhaust	<ul style="list-style-type: none">- Check water in the exhaust- Clean water box	
	Faulty Engine Sensors	<ul style="list-style-type: none">- Check TMAP Sensor- Check TPS Sensor	
Engine runs then dies	Fuel Supply interrupted	<ul style="list-style-type: none">- check fuel level- Check Fuel pressure- Check Fuel Pump Fuse- Check Fuel Pump- Check Injector Fuse- Check Injectors	
			Troubleshoot_Fuel_pump.pdf
	Battery Discharged	<ul style="list-style-type: none">- Recharge Battery- Check Charging System- Check Regulator Fuse- Check Grounding cables- Check Power Cable	Charging_System
			Battery_cable.pdf
	Faulty ignition	<ul style="list-style-type: none">- Check Spark plugs- Check Coil leads- Check Ignition Lug Cylinder Head- Check Ignition Coils- Check ECU Fuse- Check ECU	Spark plug - BPR8ES - 30-0257
	Check Exhaust	<ul style="list-style-type: none">- Check water in the exhaust- Check Exhaust hoses and clamps- Clean water box	
	Electrical Issue	<ul style="list-style-type: none">- Check Main Fuse	
Faulty Start Stop Switch	<ul style="list-style-type: none">- Check the Start Stop switch	Troubleshoot_Start_Stop_Switch-Customer.pdf	
Engine speeds up	Air Leak	<ul style="list-style-type: none">- Pressure test the Engine- Check Base Gasket (pressure test)	
	Faulty Throttle System	<ul style="list-style-type: none">- Checck Throttle retrun Spring	
	Faulty Engine Sensors	<ul style="list-style-type: none">- Check TMAP Sensor- Check TPS Sensor	
Engine backfires	Faulty ignition	<ul style="list-style-type: none">- Check Spark plugs- Check Coil leads- Check Coil leads order- Check Ignition Lug Cylinder Head- Check Ignition Coils- Check ECU	Spark plug - BPR8ES - 30-0257
Faulty Pick-up sensor	<ul style="list-style-type: none">- Check Pick-up sensor- Check Pick-up gap	Troubleshoot_Hall_Effect-Customer.pdf	
Engine Overheats	Operating error	<ul style="list-style-type: none">- Check Operating checklist	Operation checklist - every start.pdf
	Faulty Cooling system	<ul style="list-style-type: none">- Check Jet Pump- Check water hoses	
			Water Routing - 1162 Pl.PDF
	Engine running lean	<ul style="list-style-type: none">- Check Fuel level- Check Fuel pressure- Check Fuel Pump Fuse- Check Fuel Pump- Check Injector Fuse- Check Injectors- Check for Air leak	
			Troubleshoot_Fuel_pump.pdf
Water in the Engine	Operating error	<ul style="list-style-type: none">- Check Operating checklist	Contact your local dealer as soon as possible to remove the water in the engine
	Air Leak	<ul style="list-style-type: none">- Pressure test the Engine	
Bilge Pump not running	Battery Discharged	<ul style="list-style-type: none">- Recharge Battery- Check Charging System- Check Grounding cables- Check Power Cable	Charging_System
			Battery_cable.pdf
	Electrical Issue	<ul style="list-style-type: none">- Check Bilge Fuse- Check Bilge Button	
Battery Discharged	Faulty Charging system	<ul style="list-style-type: none">- Check Charging system- Check Short Circuit	Charging_System