

## GX25 • GX35 Carburetor Check Sheet







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Throttle cable end

Return `

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AIR

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	1	2	3*	4	5	6	7	8	9	10	
	Fuel filter	Primer pump	Combination valve	Main jet	Metering lever	Inlet needle valve	Fuel inlet filter	Pump diaphragm	Metering diaphragm	Throttle stop screw	Shroud
	Fuel filter Solvent	Check for cracks	Check for cracks	0.3 mm Olean the main jet passage	1.18-1.50 mm (0.046-0.059 in) Metering lever Pump body Oheck metering lever and spring	Valve Valve seat Valve seat Replace OK Check for valve and valve seat wear.	Cean or replace	Check for damage	Check for damage	Throttle stop screw	Check for cracks
Hard to prime with primer bulb								•			
Engine does not start											
Unstable idle speed											
Unstable high speed						•					
Poor acceleration										1	
Fuel overflow											

## **Special Attention**

Do not adjust the idle needle pin during carburetor maintenance.



Check the pump diaphragm and metering diaphragm for tears, stiffness, or damage.



The pump diaphragm and metering diaphragm are made of rubber and will deteriorate over time.

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Do not apply high pressure air to plastic and rubber parts.



Clean using a soft brush

