

Reading the Glow Plug

by John Finch

Plug Condition	Engine Condition	Recommended action
Shiny and in good form	Rich	Lean out the mixture
Slightly dull, but in good form	Perfect	Leave mixture alone
Slightly dull, in good form, with coil slightly pulled out	Perfect; tuned pipe working well	Leave mixture alone
Dull	At the end of the performance envelope	Don't lean the mixture, richen it 1/16 turn
Dull and mangled	Operating under stress	Richen mixture
Mangled but shiny	Head clearance too close, or water	If no water is in fuel, raise head clearance by 0.0003 inch at a time until plug condition improves