

mbe 900 cylinders



[Matt Welch](#) 68 posts since May 30, 2016

mbe 900 cylinders Sep 22, 2020 11:05 PM

vin x18556, removed head due to leaking head gasket, found unusual cylinder wear. All 6 cylinders have this wear, there are 7 marks in each cylinder that line up with the 7 holes in the injector tips. Has anyone seen this?

- [mbe.jpg](#) 1.3 MB
- [mbe.jpg](#) 1.3 MB



[Steve Reppard](#) 92 posts since Jun 29, 2020

Re: mbe 900 cylinders Sep 23, 2020 10:36 AM

That is pretty common wear on higher mileage/hour mbe 900 engines.



[Scott Trippel](#) 3,905 posts since Dec 13, 2014

Re: mbe 900 cylinders Sep 23, 2020 1:56 PM

I may be wrong but for some reason I remember the marks are caused by the case hardening tool used to harden the upper end of the liner where most of the wear occurs?



[Pat Moran](#) 101 posts since Nov 30, 2015

Re: mbe 900 cylinders Sep 23, 2020 1:59 PM

MBE 900 cylinder bores are induction hardened to make them stronger. There is a fixture that applies high electrical current inserted into the block during machining. The diagonal marks on the cylinder wall are from this process and are normal in this engine.



[Matt Welch](#) 68 posts since May 30, 2016

Re: mbe 900 cylinders Sep 23, 2020 2:34 PM

Good to know, il put it back together, thanks