



Tech Tips

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TDI Engine ALH, DTC 17656 / P1248 Cold Start Injector N108

New Beetle, Golf/Jetta A4 when diagnosing fault 17656 or P1248 on a TDI ALH engine, it's a good practice to check the operation of the cold start injector N108. **ELSA** instructs you to perform the Output diagnostic test in function 03 to check it. You can also use **basic settings** display group 000 and observe channel 2. With the engine idling remove fuse S34. The value in channel 2 should move up to 255 while the fuse is removed and return to the original value when the fuse is replaced. This indicates that the N108 injector is functioning correctly.