Cracked head bolt stud hole
Metal stitching crack using out patented Castmaster stitching pins
Using the piloted spot facing tool to drill shoulder for stitching pin
Using a power tapping gun to tap holes to accept the Castmaster stitching pins.
Installing a continuous row of overlapping stitching pins until the crack is completely sealed.
After crack is metal stitched the head bolt stud hole is drilled
Once hole is drilled it is tapped using our spiral hook design threads to accept our Full-Torque insert.
Full-Torque being installed to fix cracked bolt hole. With the outside thread geometry we can fix cracked holes even into a water jacket.
Repaired head stud bolt hole