


Stuck Lug Bolt Removal

Introduction

When servicing vehicles with lug bolts, you may find that they have become rusted and are unable to be removed with our impact guns using the power sockets. In these cases, you will need to use the Thread Shaker to help separate the bolt from the hub allowing it to be removed.

Using the Thread Shaker

Once you have determined that the impact gun with the power sockets will not remove the lug bolt:

Step	Process	
1	Collect the Thread Shaker and the ball pen hammer from the Specialty Tool Board. Critical to Safety: Always wear goggles and gloves when using the Wheel Lock Removal Kit and Thread Shaker. The Thread Shaker should only be used with the hand guard installed. If it is damaged or missing, contact your supervisor.	
2	Place the proper socket size for the lug bolt on the square end of the Thread Shaker.	
3	Place the socket with the attached Thread Shaker onto the stuck lug bolt.	
4	Hold the Thread Shaker firmly in place and strike the flat surface with the hammer multiple times.	

This should weaken the bond between the lug bolt and hub making it possible to remove it using the impact gun.

If you are still unable to remove the lug bolt, repeat this process. If this does not work, apply DT40 penetrating oil and contact your supervisor.

Keep in mind that if one lug bolt requires this effort, it is likely that you will need to repeat this process to remove additional lug bolts on the vehicle.