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PROCEDURE TO REPLACE GEAR BOX FOR 17" SERIES LATHE

1. Make sure gears are in correct position and are engaged.



2. Drain the oil.



3. Disconnect the leadscrew and feed rod.



4. Take out the support plate.



5. Take out the chasing dial.



6. Slide out the stop and go rod and 4 way position stop rod.



7. Loosen the lock nut and washer on the leadscrew.



8. Move the apron away from the saddle to disconnect the leadscrew and feed rod.



(After disconnecting leadscrew and feed rod)



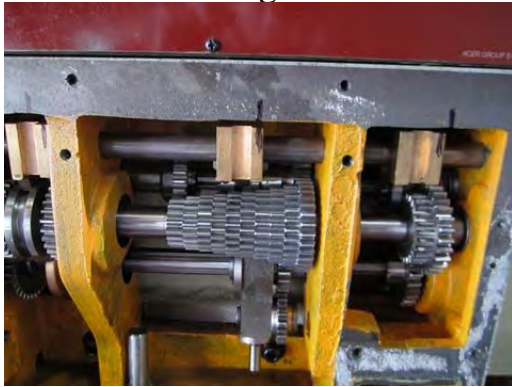
9. Take out the first and second gear from gear box.



10. Take out the screw.



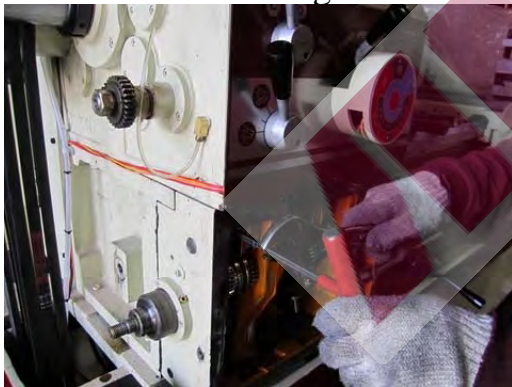
11. Take out the gearbox cover and make three marks for the gear change position.



12. Take out the oil return hose.



13. Loosen the four gear box fixed screws; (use a lot of force because it is tightly locked.)



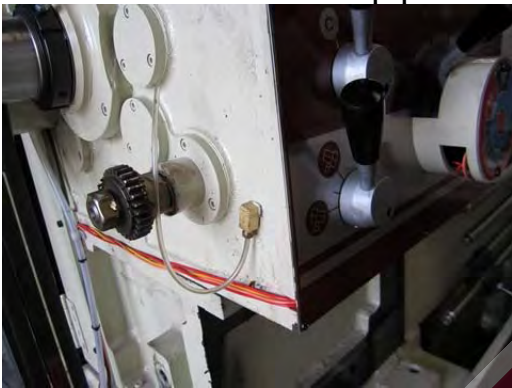
14. Take out the two screws and take out the limit switch. Disconnect the wire.



17. Lower down the support screw and take out the gear box.



18. Disconnect the lube pipe.



Picture of the back of the gear box.

