

## 20 SERIES RATCHET ARM REPAIR

Simple instructions for maintaining any Lowell 20 Series Ratchet Arm



1. Remove all parts, clean inside of wrench and all parts



2. Insert rod spring into pockets machined closest to ratchet arm's handle

3. Insert shifting rod and knurl assembly through hole in base of handle, press down rod spring with shifting rod and push shifting rod in until it stops



4. Insert shifter screw into tapped hole at beginning of shifter rod, tighten until shifter screw height is below finished top of casting

5. Lightly lubricate the inside of wrench where the pawls sit with lithium grease. Replace pawls, pawl springs and shifter



6. Replace gear, cover plate and cover screws

7. Secure cover plate screws

Model	Repair Kit*	Cover Plate Kit**	Rod & Knurl Kit***
21	21902	21903	21904
22	22902	22903	22904
23	23902	23903	23904
24	25902	24903	24904
25	25902	25903	25904
26	27902	27903	26904
27	27902	27903	27904
28	28902	28903	28904

\*Repair Kits include – pawls (2), pawl springs (2), rod spring (1) and shifter screw (1)

\*\*Cover Plate Kits include – cover plate (1), and cap screws (2)

\*\*\*Rod & Knurl Kits include – knurled knob attached to shifter rod (1), rod spring (1) and shifter screw (1)

