Pro-Lok Troubleshooting Guide v1.1:

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| **PROBLEM** | **DIAGNOSTICS** | **CAUSE** | **SOLUTION** |
| **REAR LOCKING WEDGE**  **NOT ENGAGING** | Ratchet continually rotates | Loose split-nut | Ensure split-nut is nipped up against housing then tighten split nut screws to 14-16Nm with torque wrench |
| Pins or wedge too worn and wedge thread has left the screw assembly | Reverse ratchet direction while applying pressure to the wedge to re-engage the threads. Check bucket pin diameters. Replace pins/bucket as required. If pin diameters okay, check and replace large nut or wedge assembly as appropriate |
| Threads worn |
| Wedge stops short | Debris in wedge guides | Clear wedge guides and surrounding body of debris. Regrease. |
| Lack of lubrication | Use grease points to provide lubrication. Operate hitch without attachment at least twice to ensure distribution of lubrication within the mechanism. |
| **WEDGE NOT DISENGAGING** | Flat surface of wedge under pin | Wedge overtightened | Check pin diameter on buckets for wear. Replace pins/bucket as appropriate. If pin diameters okay, replace wedge assembly. |
| Wedge will not disengage from pin | Wedge rusted to pins | Strike end of pins with dead blow hammer to break-up rust weld. Lubricate pins and wedge. |
| **FRONT LOCK NOT OPENING** | Wedge opens part way | Front lock jammed | Clear debris around front lock |
| Indicator bar bent | Replace wedge assembly |
| Wedge opens completely | Trigger bar bent/broken | Replace wedge assembly |
| **RATCHET DRIVE SOCKET DAMAGED** | Misshapen or damaged square drive opening | Socket worn or improper tool, e.g., impact driver, used. | Replace large bolt |