

# TOOL SETS

## FOR CAT 3600 ENGINES

TorqLite manufactures hydraulic tensoning tool sets for CAT 3600 engines.

Our sets ensure quick and accurate hydraulic tensoning of critical bolts on cylinder heads, connecting rods, and main bearings. All tool sets come complete with certificates, an operating manual, and a storage box.



### CAT MODEL 3600 CYLINDER HEAD

QTY	PART NUMBER	DESCRIPTION
4	TDF-1625-10-00-NP	1.5/8" x 12UN Spring return direct fit tensioner
2	TDF-1625-10-SK	Spare Seal Kit
1	BT-1540-3	3m Nipple to Coupler Flexible Hose
4	BT-1540-1.5	1.5m Nipple to Coupler Flexible Hose
2	TDF-1625-13-03	Puller Adaptor for #1 & #8 cylinders
2	TDF-1625-13-04	Extension bridge for #1 & #8 cylinders
1	BT-1580	4 Way Manifold



#### Key Product Benefits

- Powerful spring return with overstroke protection.
- Run-down adapter for fast tool installation and removal using power tools.
- Top-mounted ports for easy hose connection and improved access to nuts.
- Two-piece tool for easier handling.
- Dual bridge windows for increased access to the nut.
- Bridge and puller extensions to reduce engine disassembly time on front cylinders.

### CAT MODEL 3600 CONNECTING ROD

QTY	PART NUMBER	DESCRIPTION
2	MST-M019-02-00	Monoblock tensioner
2	MST-M019-02-SK	Spare Seal Kit
1	BT-1540-3	3m Nipple to Coupler Flexible Hose
2	BT-1540-1.5	1.5m Nipple to Coupler Flexible Hose
1	BT-1543	T-Block



#### Key Product Benefits

- Powerful spring return with overstroke protection.
- Spring-loaded nut rotation socket for secure nut engagement.
- Accessory holes on top of the tools for mounting DTI gauges to measure elongation.
- Dual windows on either side for increased access to the nut.
- 3/8" square drive hole and 15mm hex machined on pullers for fast wind-down.

# CAT MODEL 3600 MAIN BEARING

QTY	PART NUMBER	DESCRIPTION
2	TTS-2000-03-00	2" x 12UN Spring Return Direct Fit Tensioner (Field)
2	TTS-2000-03-SK	Spare Seal Kit
1	CAR-2000-01-00	Main Bearing Tool Accessory Kit
1	BT-1540-3	3m Nipple to Coupler Flexible Hose
2	BT-1540-1.5	1.5m Nipple to Coupler Flexible Hose
1	BT-1543	T-Block



## Key Product Benefits

- Powerful spring return.
- Puller float system and rubber feet to reduce damage to equipment during movement.
- Inverted swivel handle with wide clearance for upside-down handling.
- Mounting point for CAT-3600 lifting arm assembly.
- Swivel skirt allows easy alignment of the tool on the application without load cell clamping.

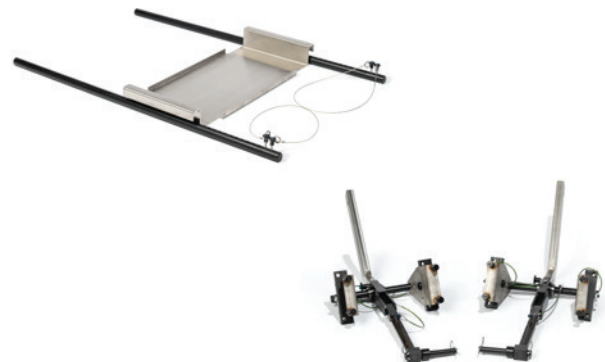
## MAIN BEARING ACCESSORY GROUP

This accessory group assists with the placement of the main bearing tensioners on the main bearing studs.

It helps maneuver heavy tools in confined spaces, allowing for easier bolting and removal of the main bearing caps.

### Key Product Benefits

- Accessories are coated for corrosion resistance, reducing wear and tear.
- Quick-release pins prevent separation of parts.
- Pins and arms are leashed together to reduce the risk of dropping.
- Stronger and more stable tray design.
- Pins are leashed to the arms to prevent them from being dropped.
- Upgraded with bearings and bushings to reduce wear and tear, extend arm life, and simplify operation.
- Can be used universally with TorqLite or OEM main bearing tools.



# PUMP OPTIONS & TOOL BOX

QTY	PART NUMBER	DESCRIPTION
1	BT-1515	1500 bar hand pump
1	BT-1507	1500 bar air pump (hgh flow)
1	BT-1506	1500 bar air pump (standard flow)
1	BT-PES-1500-02-110V	1500 bar electric pump (110 volt)
1	BT-IEP-1500-02-110V	1500 bar smart pump (110 volt)
1	CAT3600-Kit-Box	CAT3600 Tool Box



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