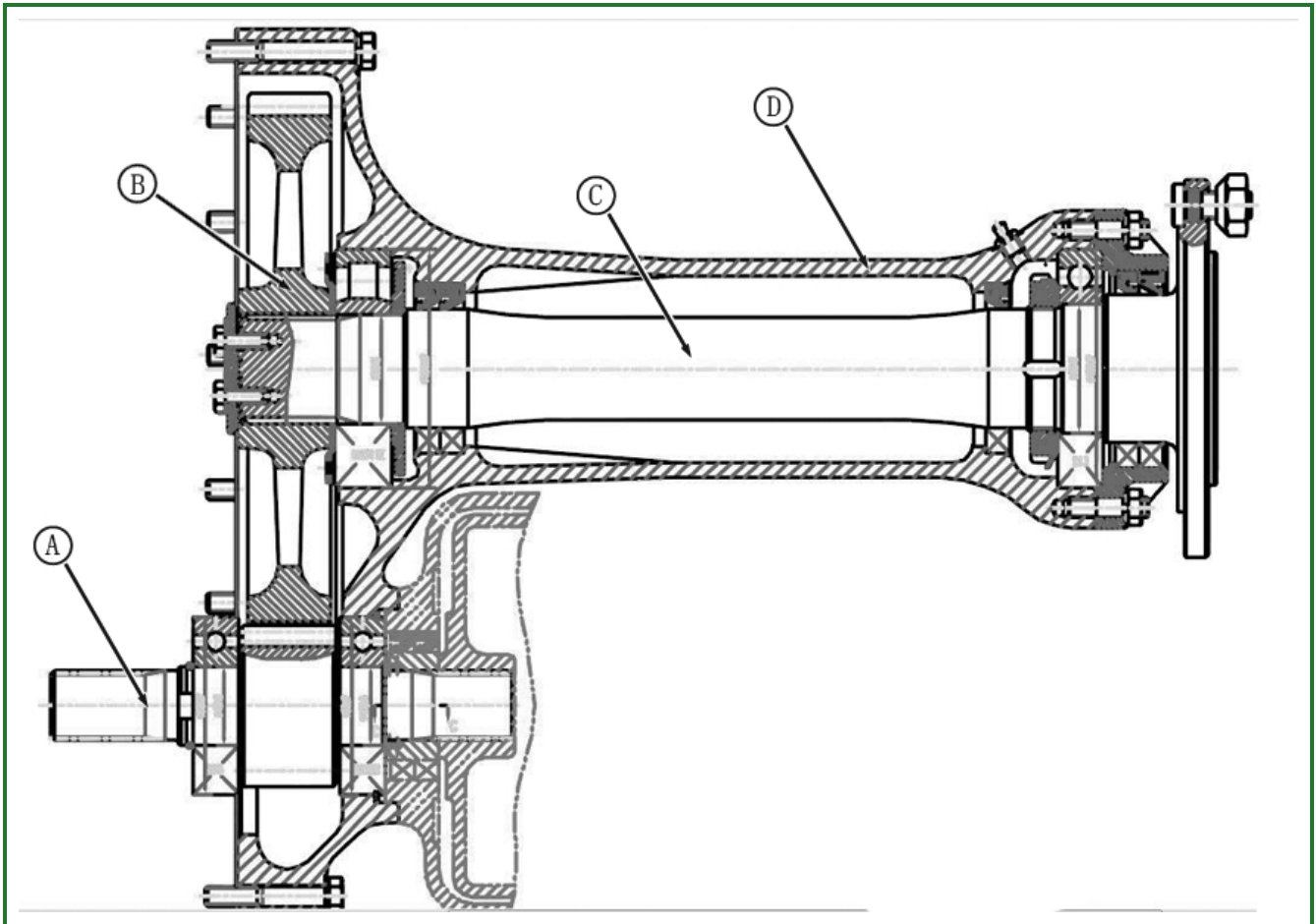


Operational principles of final drive



N4A0000543-UN: Operational principle diagram of final drive

LEGEND:

- A - Final drive pinion
- B - Final drive large gear
- C - Drive shaft
- D - End drive housing

Function:

Final drive provides final deceleration speed to drive wheels and increases torque.

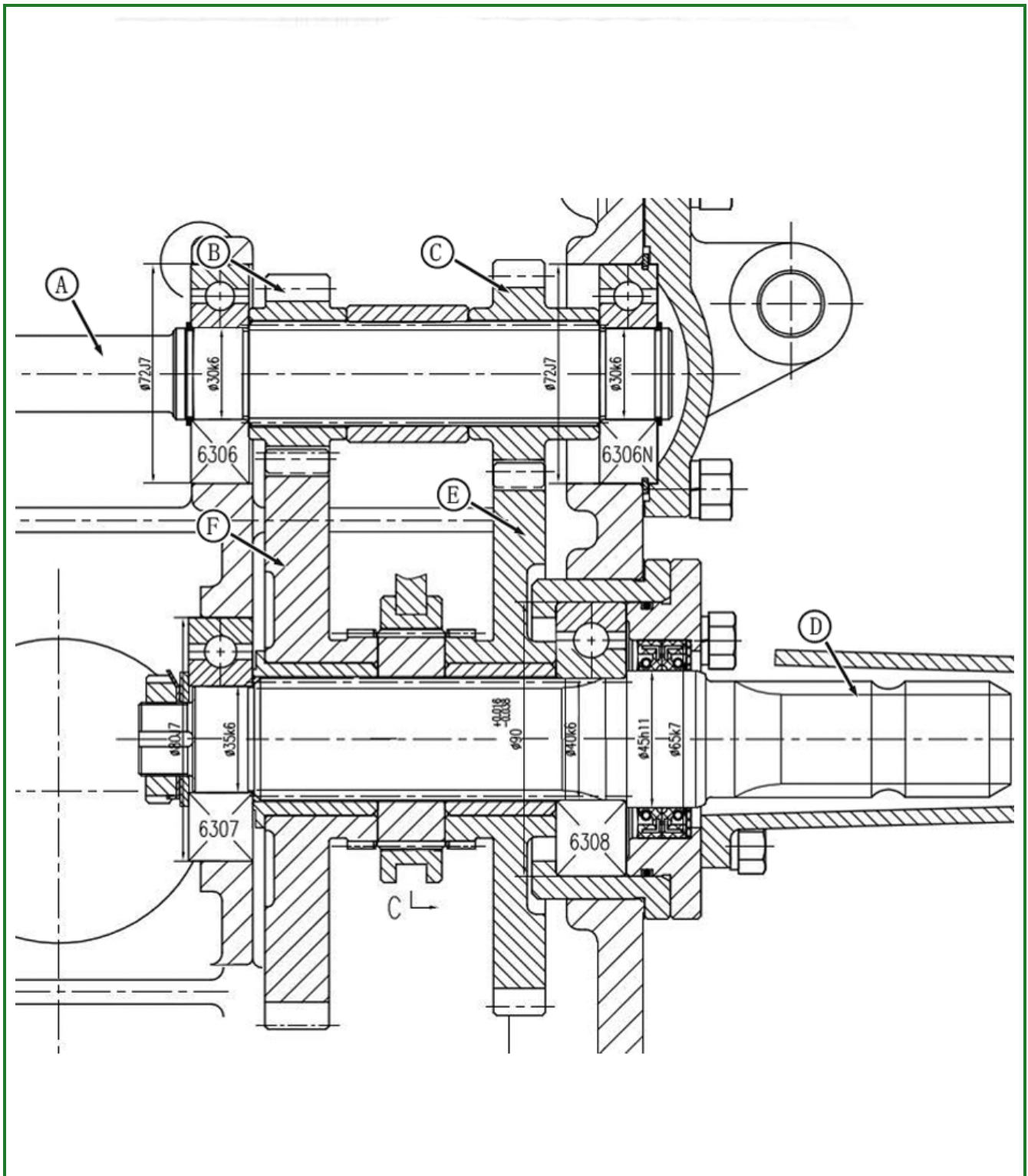
Main components:

- Final drive pinion
- Final drive large gear
- Drive shaft
- End drive housing

Operational principles:

Final drive is of built-in single-stage external meshing spur gear type. Power is transmitted from differential to final drive pinion (A), to its meshing final drive large gear (B), through the spline connection between large gear (B) and drive shaft (C), finally to drive wheels.

Operational principles of rear PTO shaft

**N4A0000883-UN: Operational principle diagram of rear PTO**

LEGEND:

- A - Output driving shaft
- B - Low speed output fixed gear
- C - High speed output fixed gear
- D - PTO shaft
- E - High speed output gear
- F - Low speed output gear

Function:

To transmit or provide engine output power, so as to drive the implement or attachment mounted at the rear of vehicle.