

Mud Pump Parts

Fluid End

The fluid end produces the pumping process with valves, pistons, and liners. Because these components are high-wear items, modern pumps are designed to allow quick replacement of these parts..

To reduce severe vibration caused by the pumping process, these pumps incorporate both a suction and discharge pulsation dampener. These are connected to the inlet and outlet of the fluid end.

Power End

The power end converts the rotation of the drive shaft to the reciprocating motion of the pistons. In most cases a [crosshead](#) crank gear is used for this.

Mud pump parts

A mud pump is composed of many parts including mud pump liner, mud pump piston, modules, hydraulic seat pullers, and other parts. Parts of a mud pump: 1. housing itself, 2. liner with packing, 3. cover plus packing, 4. piston and piston rod, 5. suction valve and discharge valve with their seats, 6. stuffing box (only in double-acting pumps), 7. gland (only in double-acting pumps), 8. pulsation dampener.

E5238U	MUC5136	6319-0078-00	546293
		bearing(original)	
MUC5148	E-5140-UMR	6319-0078-00	10-6040
ZT-7872	MUC5144	7602-0212-89	544000
ZT-8004	MUC5144	6310-0012-00	546293
ZT-7006	W-4482	7602-0213-07	10-6209
7602-0220-62	MUC5136	7602-0212-67	ZT-7872
7602-0220-61	X39042	7602-0212-88	ZT-8004
7602-0202-01	E5238U	7602-0211-09	ZT-7006
22-030-007	MUC5148	7602-0210-37	7602-0220-62
IB-666	4600170/649366	7602-0213-05	7602-0220-61
IB-429	4600169/649472	6301-0038-00	7602-0202-01