



SYNERGY

INNOVATIVE DIVING EQUIPMENT TRADING LLC

INSPIRING • ENGINEERING • INNOVATION

UAE-UK-INDIA-AZERBAIJAN-SINGAPORE

UNDERWATER HYDRAULIC DRILL | SY-DL07652



The Stanley **DL07** hydraulic drill is a forward/reverse, variable speed drill with a 1/2" keyed chuck for underwater drilling applications. The **DL07** has more than enough torque to drill most steel, masonry, wood or coral. A two position assist handle and trigger guard are standard. See chart below for speeds at select gpm of hydraulic flow. Painted hi-visibility yellow.

FEATURES

- Integral Stanley Hyrevz gear motor produces high torque
- Stainless Steel spools and fasteners
- Forward-Reverse with variable speed
- Dual position assist handle provides increased control
- Oversized trigger with guard for operator comfort
- Wiper seals on reversing and trigger spool
- Built in reverse check valve ensures long seal life
- Plastisol handle for comfortable ergonomic grip
- Forward position of handle provides better balance
- Open Center/Closed Center-Dual Spool Feature
- Cast-in lifting eye



SPECIFICATIONS

Chuck Capacity	1/2" / 12 mm
Performance	See Table at Right
Flow Range	3-10 gpm / 11.3-38 lpm
Working Pressure	1000-2000 psi / 70-140 bar
Full Relief Setting	2250 psi / 155 bar
Weight	7.8 lbs / 3.5 kg
Length	10 1/2" / 26.7 cm
Hydraulic Ports	- 8 SAE O-ring
Couplers	No (See Accessories)
Hose Whips	Yes (3/8" NPT Male Thread)

DL07 Speed/Hydraulic Flow

350 rpm @ 3 gpm / 11.3 lpm
475 rpm @ 4 gpm / 15 lpm
750 rpm @ 6 gpm / 23 lpm
1000 rpm @ 8 gpm / 30 lpm
1250 rpm @ 10 gpm / 38 lpm

DL07 Torque at PSI/Bar

4 ft lbs @ 500 psi	0.5 Nm @ 35 bar
9 ft lbs @ 1000 psi	1.2 Nm @ 70 bar
14 ft lbs @ 1500 psi	1.9 Nm @ 105 bar
19 ft lbs @ 2000 psi	2.6 Nm @ 140 bar



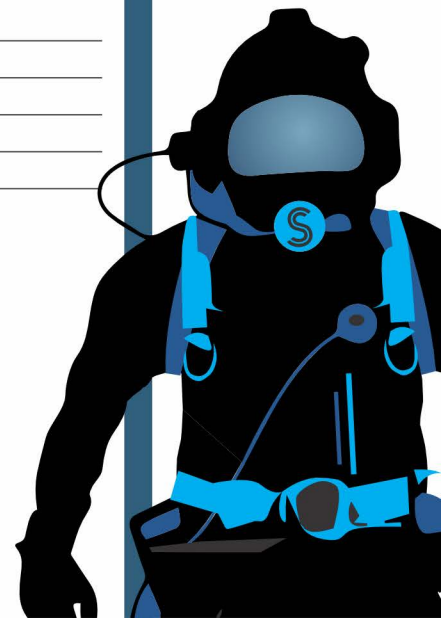
PRODUCT CERTIFICATE
EC Attestation of Conformity

In Compliance with following Directives:

Machinery Directive
2006/42/EC

Low Voltage Directive
2014/35/EU

Pressure Equipment Directive
2014/68/EU



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ORDERING INFORMATION

PART NUMBER

DL07652 Drill, Underwater, 1/2" Capacity, Assist Handle, less couplers

ACCESSORIES

03971 Flush-Face Coupling Set, 3/8" NPT

03974 Flush-Face Coupling Set, 1/2" NPT

31848 Dual Hose, 50' x 1/2", with couplers

31972 Dual Hose, 25' x 1/2", with couplers

58633 Twinned Hose, 25' x 1/2", with couplers

58634 Twinned Hose, 50' x 1/2", with couplers

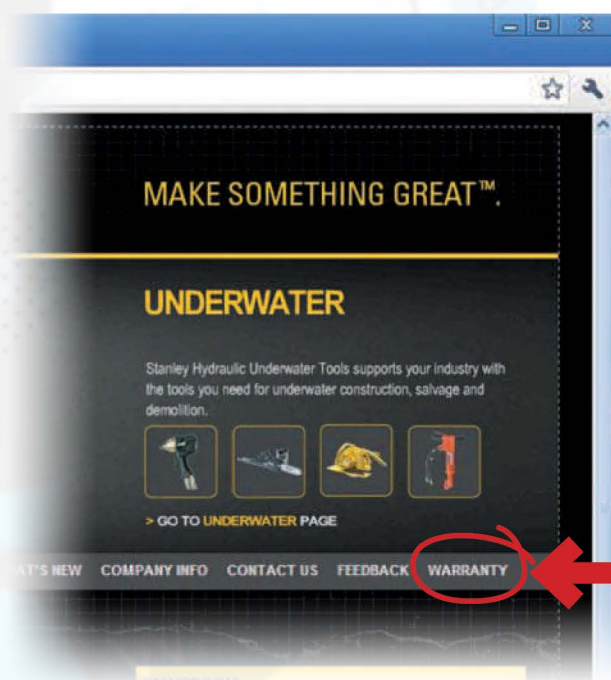
01857 Adjustable Chuck and Adapter, 3/4" square x 3/4"

04365 3/4" Chuck, 3 JT taper, use 7/16" bits

When hydraulic hose exceeds 100' (30.4 m) in length, increase I.D. of both pressure and return hose. For more information, consult Stanley Hydraulic Tools.

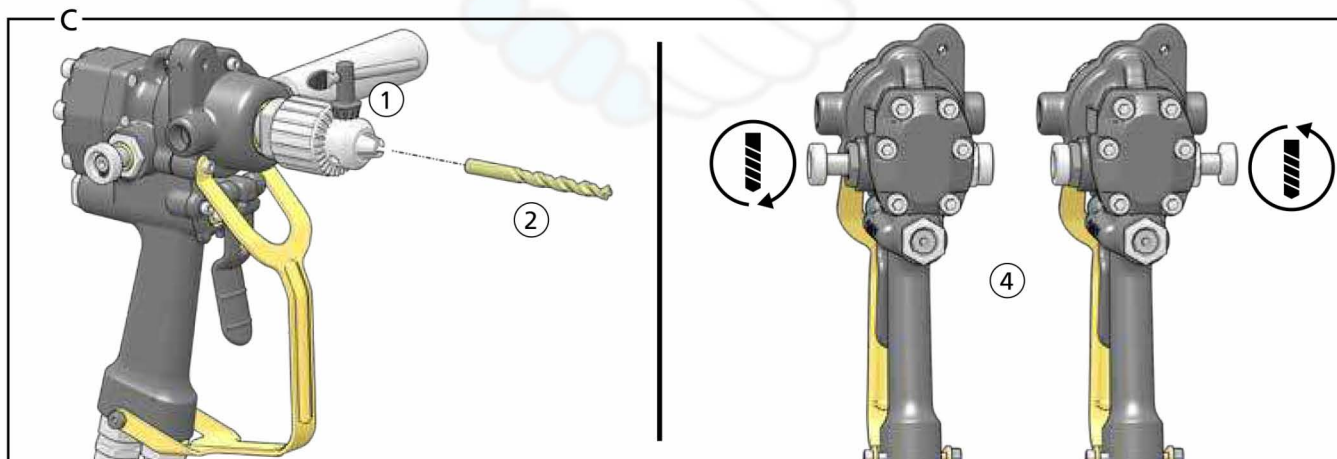
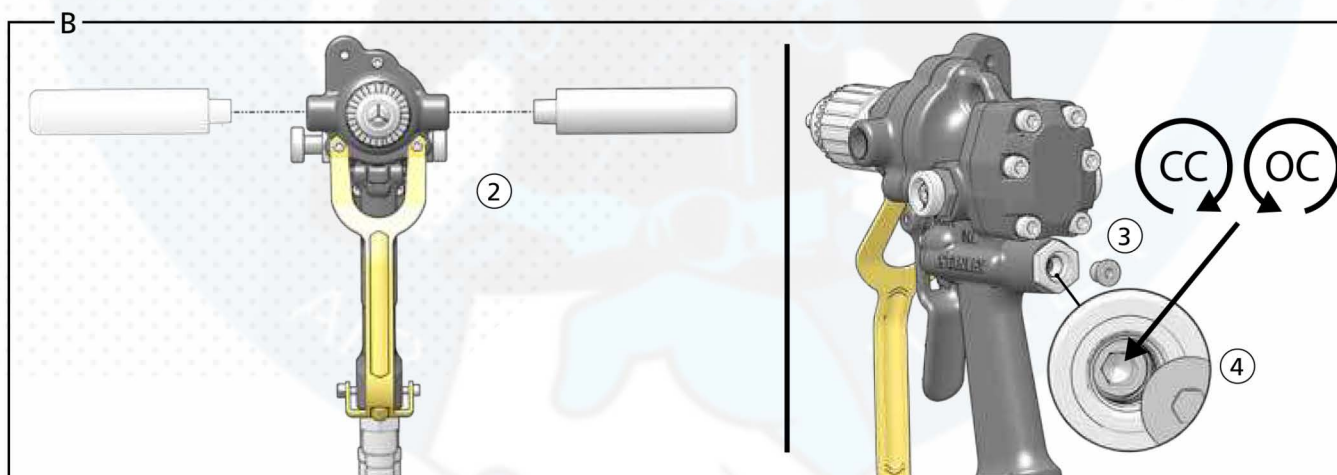
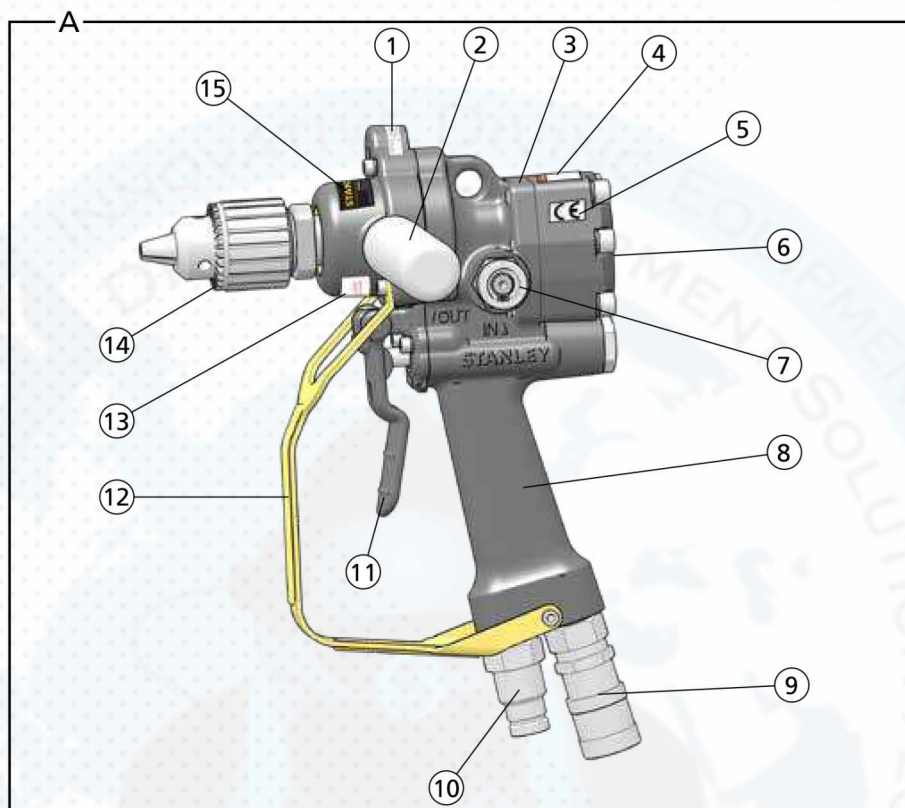
IMPORTANT

To fill out a Product Warranty Recording form and for information on your warranty visit stanleyhydraulic.com and select the Warranty tab.

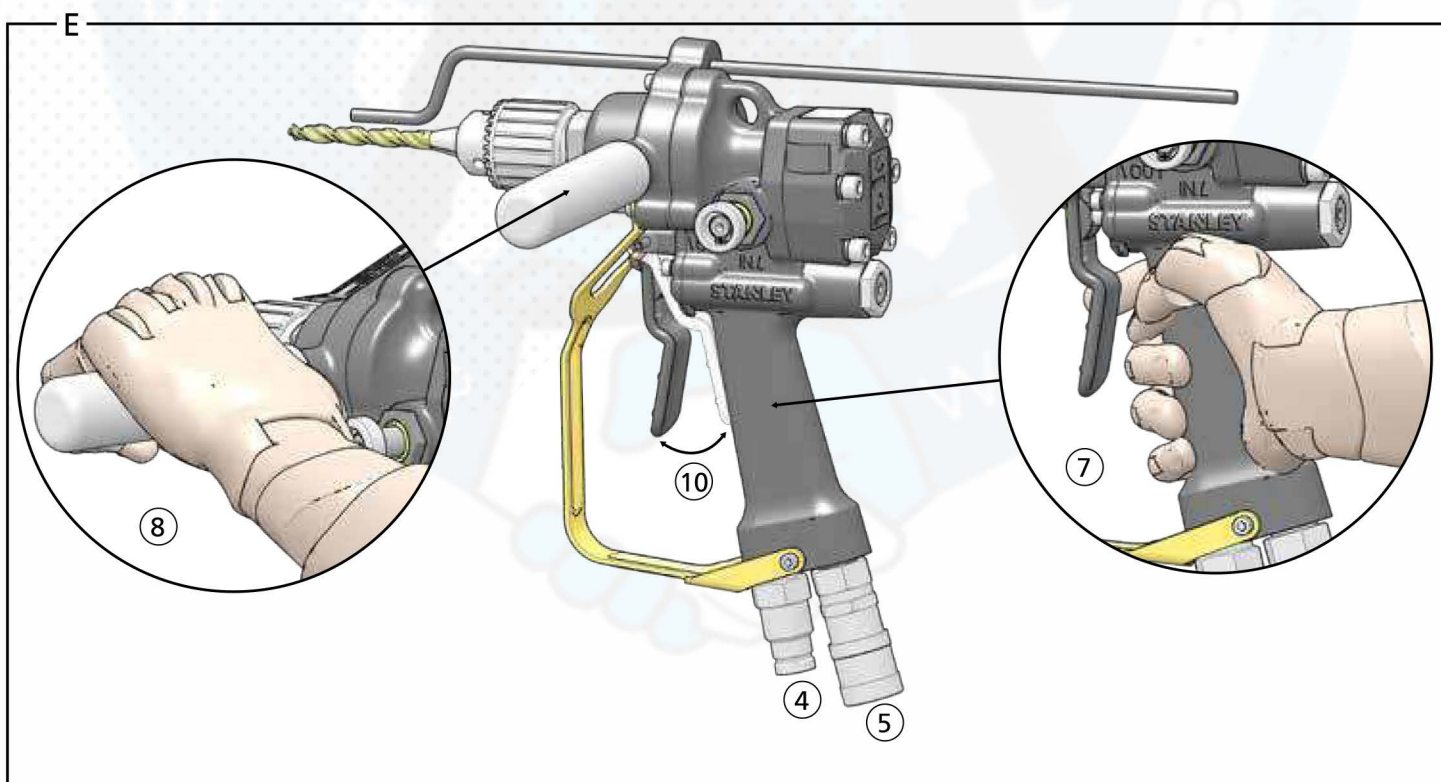
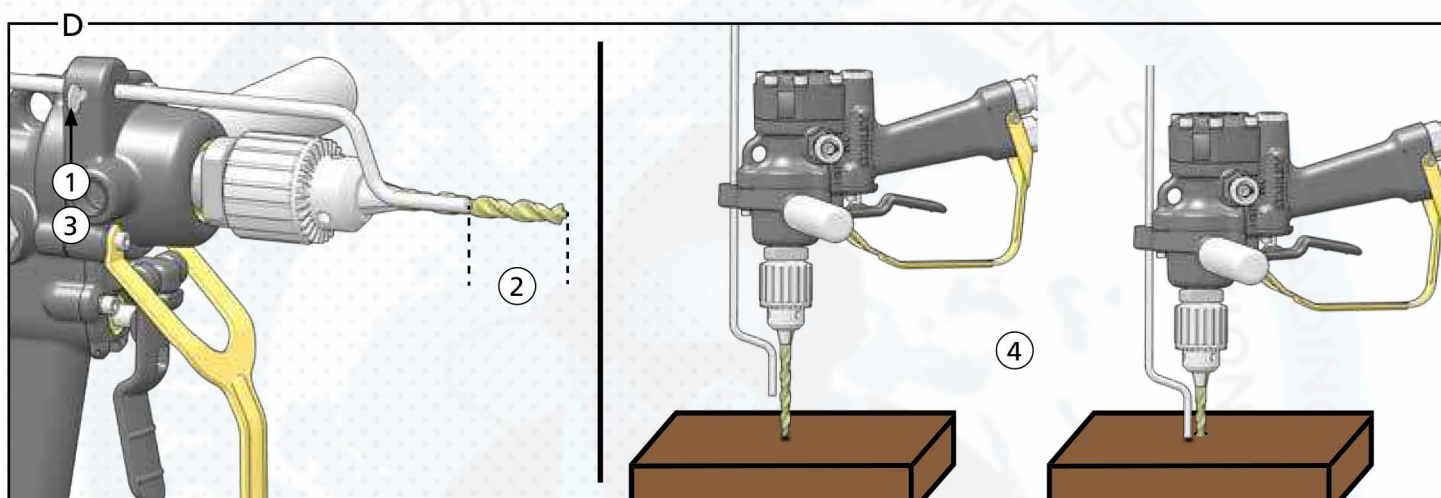


Note: The warranty recording form must be submitted to validate the warranty.

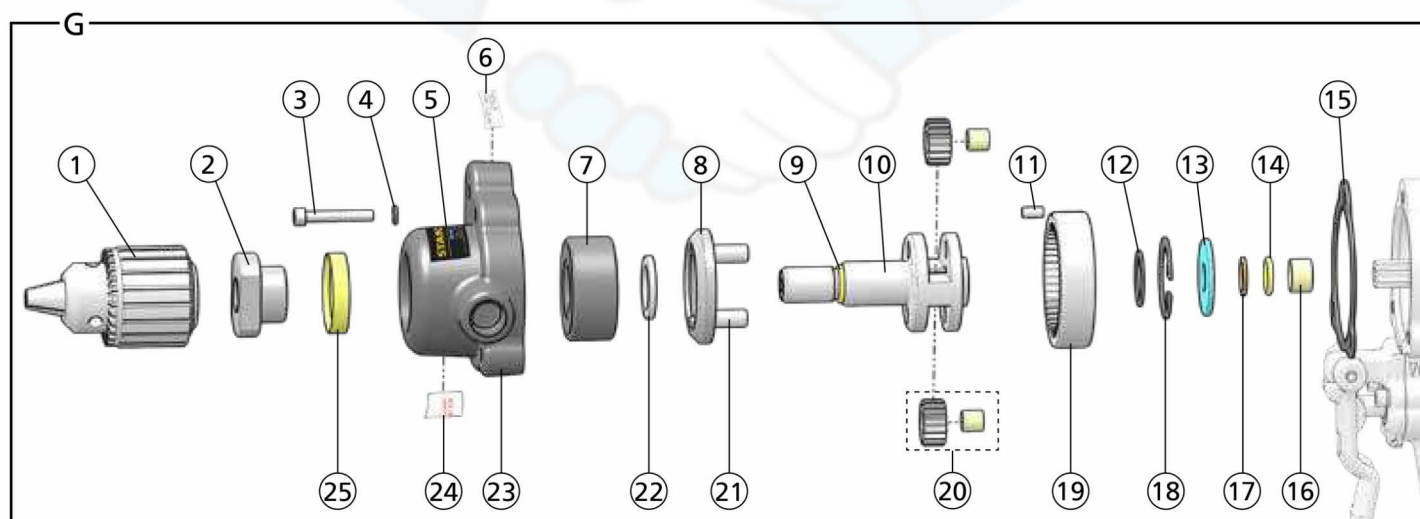
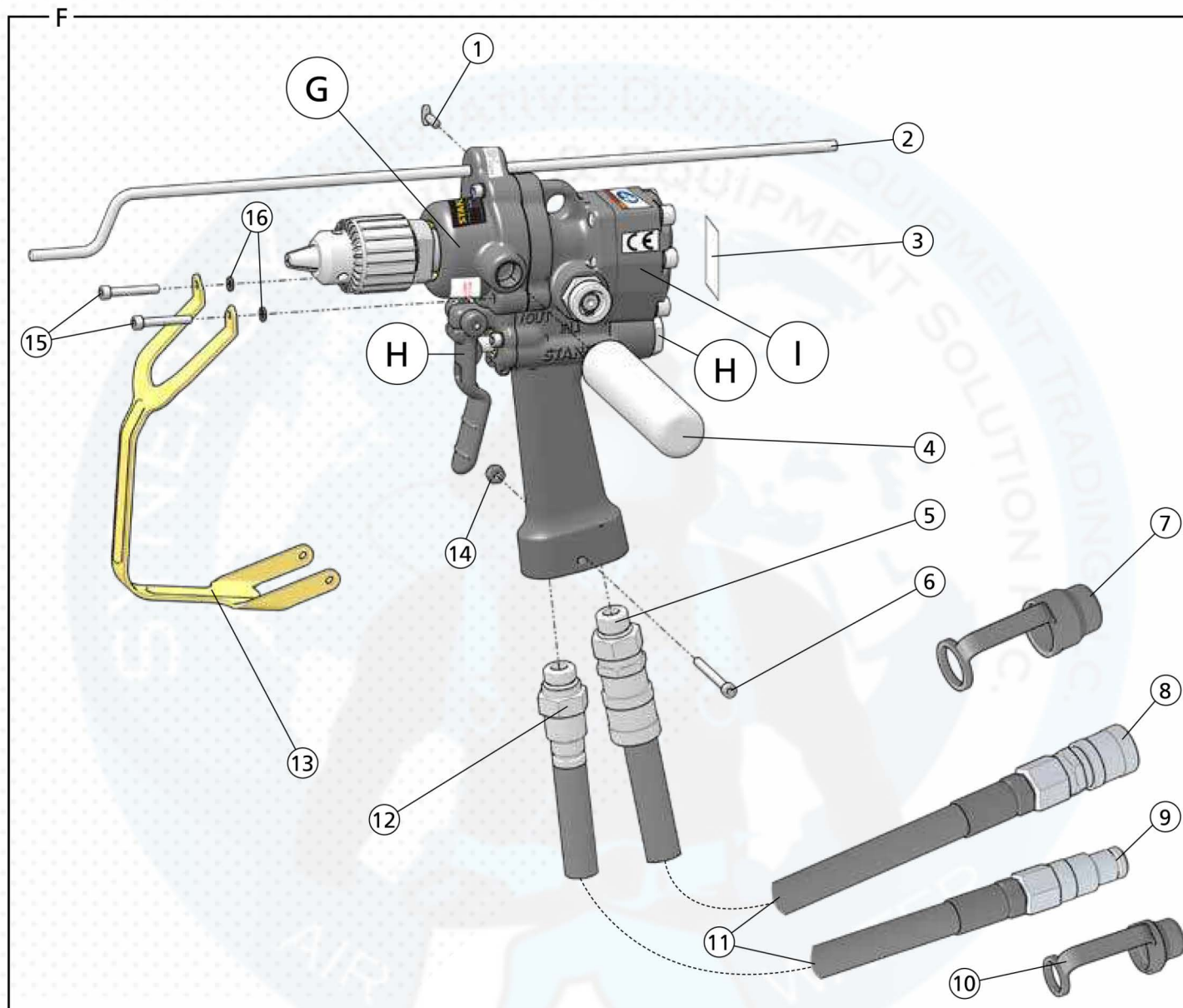
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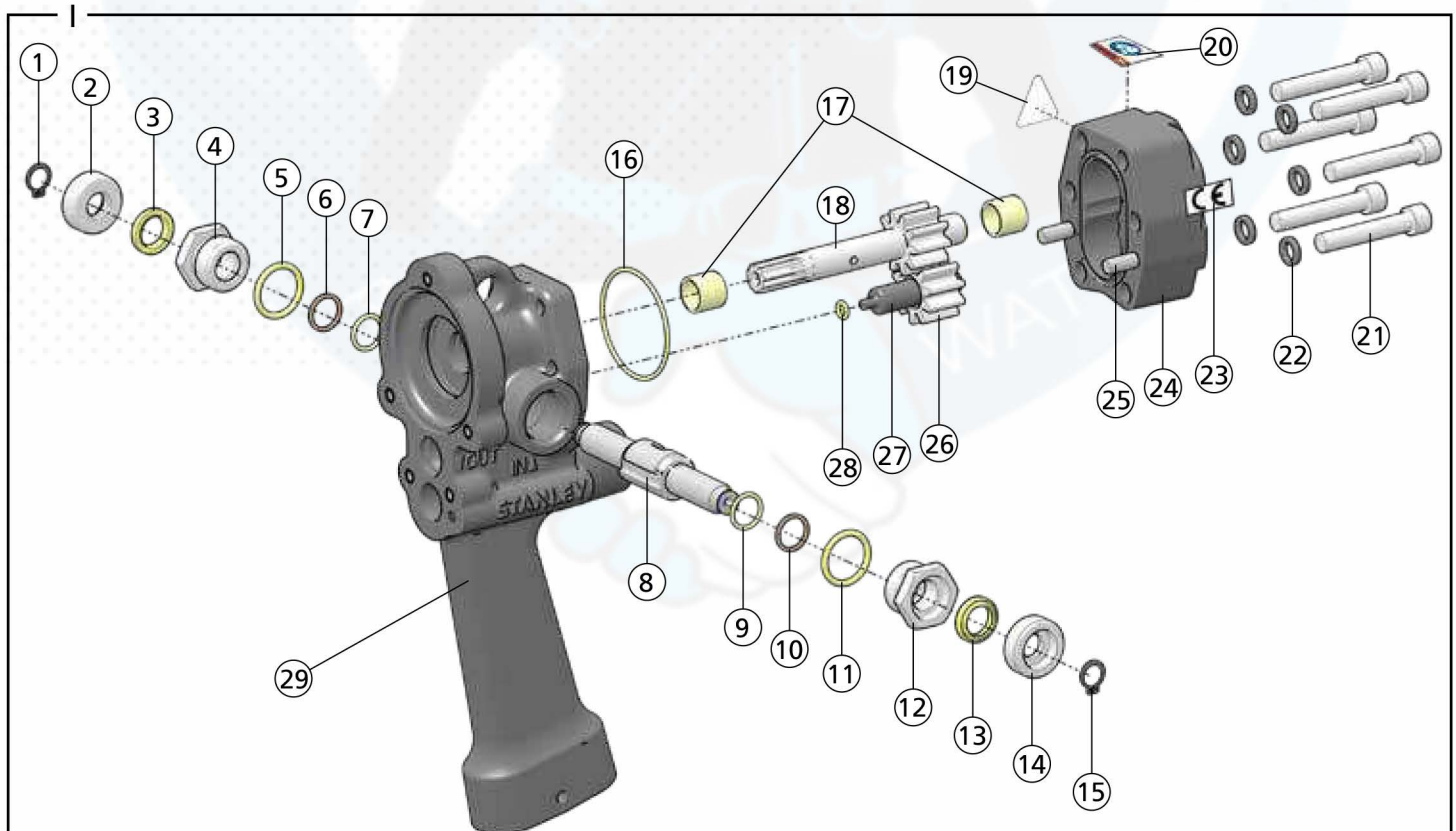
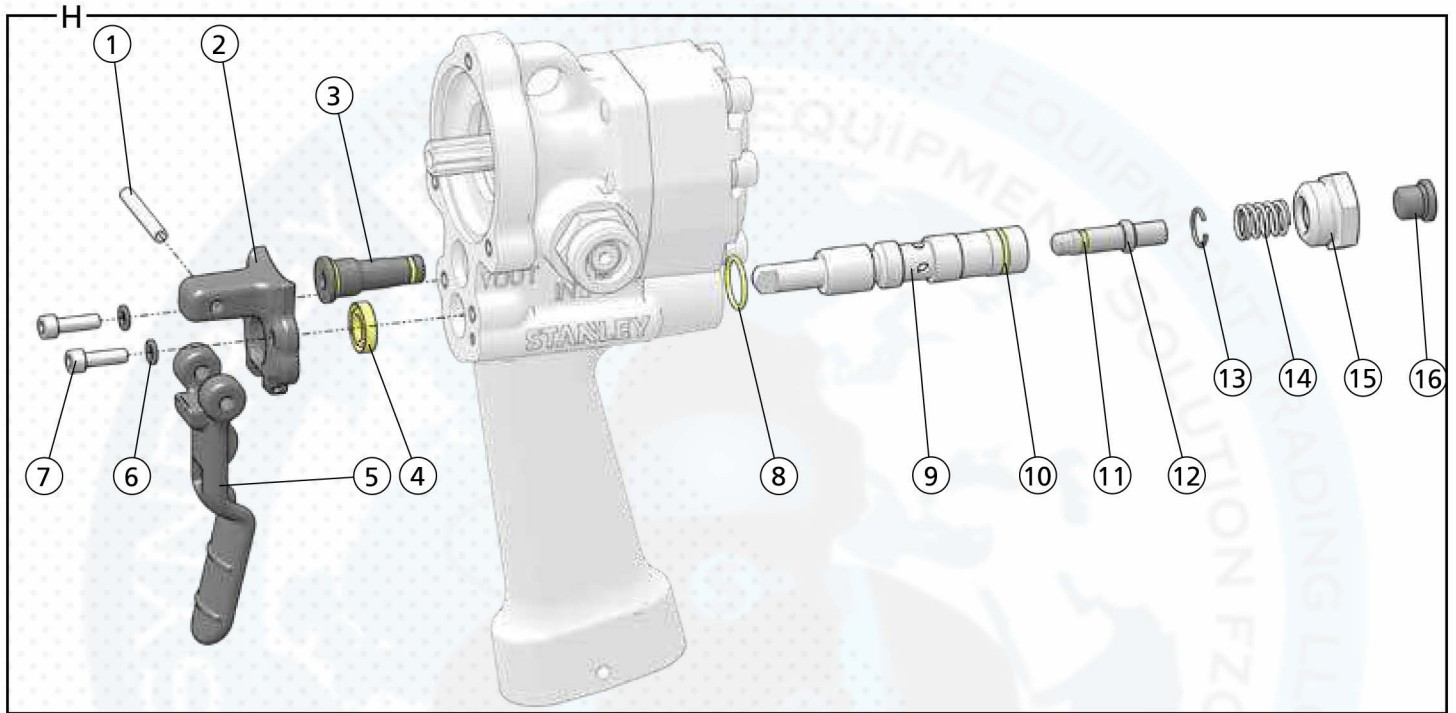
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DL07 Parts Illustration - Detail F		
ITEM	P/N	DESCRIPTION
1	38685	Depth Gauge Screw - Models DL07552B, DL07552M, DL07552S, DL07572B, DL07572S.
2	38676	Depth Gauge - Models DL07552B, DL07552M, DL07552S, DL07572B, DL07572S.
3	29149	Rotation Direction Decal - CE Models
4	08130	Assist Handle
5	58856	Female Coupler - Models DL0755201, DL0765201
6	09687	Cap Screw
7	02324	Hose Cap - Model DL07552SUP
8	03972	Female Coupler - Models DL07552S, DL07552SUP, DL07572S
9	03973	Male Coupler - Models DL07552S, DL07552SUP, DL07572S
10	03288	Hose Cap - Model DL07552SUP
11	56725	Hose (Parker)
	66727	Hose (Aeroquip)
12	58857	Male Coupler- Models DL0755201, DL0765201
13	60710	Trigger Guard
14	07724	Nylock Nut
15	62228	Cap Screw
16	09623	Lockwasher
17	60792	DL07 Seal Kit - Not Shown (*In seal kit)

DL07 Gear Box Illustration - Detail G		
ITEM	P/N	DESCRIPTION
1	09624	1/2 Inch Chuck
	27628	5/8 Inch Chuck - Models DL07572B, DL07572S
2	09778	Seal Nut
3	62228	Cap Screw
4	09623	Lock Washer
5	74696	Tool Name Tag
6	29148	RPM Decal
7	08175	Bearing
8	08163	Bearing Keeper
9	00354	O-Ring*
10	09779	Output Shaft
11	00563	Roll Pin
12	08440	Retaining Ring
13	20767	Seal Back-up Washer
14	00354	O-Ring*
15	58635	Gasket*
16	20758	Bushing
17	13995	Back-up Ring*
18	06635	Retaining Ring
19	08166	Ring Gear
20	08165	Planet Gear Assembly
21	08161	Planet Shaft
22	08162	Shaft Keeper

DL07 Gear Box Illustration - Detail G		
ITEM	P/N	DESCRIPTION
23	58403	Gear Housing
24	11354	Open Center / Closed Center Decal
25	09621	Shaft Seal*
26	60792	DL07 Seal Kit - Not Shown (*In seal kit)

DL07 Trigger & OC/CC Valve Illustration - Detail H		
ITEM	P/N	DESCRIPTION
1	07970	Roll Pin
2	60678	Trigger Mount Casing
3	58462	Relief Cartridge Plug Assembly
4	49139	Seal Wiper*
5	60677	Trigger
6	09623	Lock Washer
7	62229	Cap Screw
8	07627	O-Ring*
9	48986	Valve Spool Assembly (Includes 00026, 07626, 16070, 48987, 48989, 48990, 49132)
10	07626	O-Ring*
11	00026	O-Ring*
12	48986	Selector Screw (Must be purchased as part of the valve spool assembly)
13	16070	Retaining Ring
14	65480	Spring
15	56758	Spring Cap (Loctite 242)
16	350041	Hex Plug
17	60792	DL07 Seal Kit - Not Shown (*In seal kit)

DL07 Reversing Valve & Hydraulic Motor Illustration - Detail I		
ITEM	P/N	DESCRIPTION
1	56764	Retaining Ring
2	56757	End Cap
3	56747	Seal Wiper*
4	56749	Seal Cap
5	01604	O-Ring*
6	07224	Back-up O-Ring*
7	00175	O-Ring*
8	56765	Reversing Spool
9	00175	O-Ring*
10	07224	Back-up O-Ring*
11	01604	O-Ring*
12	56749	Seal Cap
13	56747	Seal Wiper*
14	56757	End Cap
15	56764	Retaining Ring
16	01262	O-Ring*
17	05207	Bushing
18	24271	Main Shaft
19	11207	Circuit Type "D" Decal (CE Models)

SYNERGY INFRASTRUCTURE





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