

HAMILTON STANDARD PROPELLER REPLACEMENT PARTS - FAA-PMA

REPLACES:	RSW Part No.	Part Description	Applicability
50003	C.P. 22026-2	Cylinder Gasket	2D30
50004	C.P. 22028	Snap Ring (Cylinder Safety)	2D30
50009	C.P. 22029	Snap Ring (Cylinder Safety)	12D40, 3D40
50010	C.P. 22026-3	Cylinder Gasket	12D40, 3D40, 2E40, 3E50
50048	C.P. 22118	Spider Ring (Phenolic)	3D40
50115	C.P. 22024-2	Washer (Front Cone Packing)	2B20
50116	See CP-22019-3 kit in STC section below	Piston Crown	2B20
50117	C.P. 22026-1	Cylinder Gasket	2B20
50285	See CP-22019-1 kit in STC section below	Gasket, Piston (Inboard)	2D30
50286	See CP-22019-2 kit in STC section below	Gasket, Piston (Inboard)	12D40, 3D40, 2E40, 3E50
50287	See CP-22019-3 kit in STC section below	Piston Crown	2B20
50290	C.P. 22014-1	Counterweight Cap	2D30, 3D40
50306	C.P. 22009	Counterweight Dowel Pin	2D30/12D40
50307	C.P. 22010	Counterweight Dowel Pin	2D30/12D40
50372	C.P. 22045-0	Bearing Spacer	D Shank Blades
50374	C.P. 22044-0	Bearing Spacer	B Shank Blades
50696	See CP-22019-2 kit in STC section below	Nut, Piston Gasket	12D40, 3D40, 2E40, 3E50
50697	See CP-22019-1 kit in STC section below	Nut, Piston Gasket	2D30
50698	See CP-22019-3 kit in STC section below	Piston Crown	2B20
50791	C.P. 22030	Shim Plate	2D30, 3D40
51035	C.P. 22007	Cylinder Liner (Steel)	2D30
51037	C.P. 22008	Cylinder Liner (Steel)	12D40, 3D40
51124	See CP-22000 kit in STC section below	Bushing, Counterweight Bearing Shaft	2D30, 12D40, 2E40, 3D40
51136	C.P. 22007B	Cylinder Liner (Steel)	2B20
51313	CP-22061	Blade Bushing	2D30, 12D40, 3D40
51399	C.P. 22030	Shim Plate	2D30, 12D40, 2E40, 3D40, 3E50
51420	C.P. 22121-1	Cylinder (complete w/ steel & phenolic liners)	3D40
51420	C.P. 22121-2	Cylinder complete w/steel & phenolic liners, for STC Kit CP22000	3D40
51430	C.P. 22011-1	Counterweight Bracket (15 deg.)	2D30, 12D40, 3D40
51430	C.P. 22011-2	Counterweight Bracket (15 deg.)	2D30, 12D40, 3D40
51431	C.P. 22012-1	Counterweight	2D30, 3D40
51431	C.P. 22012-2	Counterweight	2D30, 3D40
51432	C.P. 22013-1	Counterweight	12D40

51432	C.P. 22013-2	Counterweight	12D40
51433	C.P. 22021-1	Cylinder (complete w/ steel & phenolic liners)	12D40
51433	C.P. 22021-2	Cylinder complete w/steel & phenolic liners, for STC Kit CP22000	12D40
51462	C.P. 22036-1	Support Barrel (Phenolic) standard	12D40
51462	C.P. 22036-2	Support Barrel (Phenolic) oversize	12D40
51463	C.P. 22035-1	Support Barrel (Phenolic) standard	2D30
51463	C.P. 22035-2	Support Barrel (Phenolic) oversize	2D30
51464	C.P. 22034-1	Support Barrel (Phenolic) standard	2B20
51464	C.P. 22034-2	Support Barrel (Phenolic) oversize	2B20
51539	C.P. 22020-1	Cylinder (complete w/ steel & phenolic liners)	2D30
51539	C.P. 22020-2	Cylinder complete w/steel & phenolic liners, for STC Kit CP22000	2D30
51546	CP-22060	Blade Bushing	2B20
51571	C.P. 22016	Cylinder Liner (Phenolic)	12D40, 3D40
51572	C.P. 22015	Cylinder Liner (Phenolic)	2D30
51573	C.P. 22015B	Cylinder Liner (Phenolic)	2B20
52595	C.P. 22046	Blade Thrust Bearing Retainer Assy (complete with 36 Rollers)	D Shank Blades
52595-2	52595-2	Roller, Blade Thrust Bearing	D Shank Blades
52771	See CP-22000 kit in STC section below	Bearing Assembly, Counterweight Thrust	2D30, 12D40, 2E40, 3D40
53213	See CP-22000 kit in STC section below	Race, Counterweight Bearing (Inner)	2D30, 12D40, 2E40, 3D40
53214	See CP-22000 kit in STC section below	Retainer Assembly, Counterweight Bearing	2D30, 12D40, 2E40, 3D40
53216	See CP-22000 kit in STC section below	Race, Counterweight Bearing (Outer)	2D30, 12D40, 2E40, 3D40
53546	See CP-22000 kit in STC section below	Shaft, Counterweight Bearing	2D30, 12D40, 2E40, 3D40
53599	See CP-22000 kit in STC section below	Spacer, Counterweight Bearing Retainer	2D30, 12D40, 2E40, 3D40
53666	C.P. 22037	Support Barrel (Phenolic)	3D40
54486	HP-22066	Spider Ring (Phenolic)	23D40
54531	HP-22063	Support, Barrel (Phenolic)	23D40
54558	HP-22068	Spider Ring (Phenolic)	22D40
54559	HP-22065	Support, Barrel (Phenolic)	22D40
54843	HP-22067	Spider Ring (Phenolic)	22D30
55212	HP-22064	Support, Barrel (Phenolic)	22D30
56427	HP-22063	Support Barrel (Phenolic)	23D40
62457	C.P. 22014-3	Counterweight Cap	2D30
507670	C.P. 22045-2	Bearing Spacer	D Shank Blades
513934	C.P. 22045-1	Bearing Spacer	D Shank Blades
524278-0	C.R. 22050-0	Chafing Ring, D Shank	D Shank Blades
524278-10	C.R. 22050-10	Chafing Ring, D Shank	D Shank Blades

524278-15	C.R. 22050-15	Chafing Ring, D Shank	D Shank Blades
524278-20	C.R. 22050-20	Chafing Ring, D Shank	D Shank Blades
524278-25	C.R. 22050-25	Chafing Ring, D Shank	D Shank Blades
524278-30	C.R. 22050-30	Chafing Ring, D Shank	D Shank Blades
524278-35	C.R. 22050-35	Chafing Ring, D Shank	D Shank Blades
524278-40	C.R. 22050-40	Chafing Ring, D Shank	D Shank Blades
524278-5	C.R. 22050-5	Chafing Ring, D Shank	D Shank Blades
56371-0	C.R. 22050-0	Chafing Ring, D Shank	D Shank Blades
56371-10	C.R. 22050-10	Chafing Ring, D Shank	D Shank Blades
56371-15	C.R. 22050-15	Chafing Ring, D Shank	D Shank Blades
56371-20	C.R. 22050-20	Chafing Ring, D Shank	D Shank Blades
56371-25	C.R. 22050-25	Chafing Ring, D Shank	D Shank Blades
56371-30	C.R. 22050-30	Chafing Ring, D Shank	D Shank Blades
56371-35	C.R. 22050-35	Chafing Ring, D Shank	D Shank Blades
56371-40	C.R. 22050-40	Chafing Ring, D Shank	D Shank Blades
56371-5	C.R. 22050-5	Chafing Ring, D Shank	D Shank Blades
57660	HP-22062	Blade Bushing	22D30, 22D40, 23D40, 24D50, 33D50, 43D50
70096	70096	Roller, Blade Thrust Bearing	D Shank Blades
S8464	See CP-22019-1 kit in STC section below	Gasket, Piston (Outboard)	2D30
S8480	C.P. 22025	Washer (Front Cone Packing)	2D30
S8482	C.P. 22017-0	Spider Ring (Phenolic)	2D30
S8482	C.P. 22017-1	Spider Ring (Phenolic)	2D30
S8491	C.P. 22125	Washer (Front Cone Packing)	12D40, 3D40
S8493	C.P. 22018-0	Spider Ring (Phenolic)	12D40
S8493	C.P. 22018-1	Spider Ring (Phenolic)	12D40
S8498	See CP-22019-2 kit in STC section below	Gasket, Piston (Outboard)	12D40, 3D40, 2E40, 3E50
S8501	C.P. 22014-2	Counterweight Cap	2D30, 12D40, 2E40, 3D40
S8511	C.P. 22014-4	Counterweight Cap	2D30, 2E40, 3D40, 3E50

STC - COUNTERWEIGHT BEARING AND SHAFT KIT

REPLACES:	RSW Part No.	Part Description	Applicability
STC - Replaces original counterweight bearing and shaft assembly. This is a very heavy duty system with a long service life. This assembly requires a one-time modification to the cylinder. This modification is free of charge with the purchase of a kit.	C.P. 22000	Counterweight Bearing & Shaft Assy Kit	2D30, 12D40, 2E40
	C.P. 22000-3D40	Counterweight Bearing & Shaft Assy Kit (3D40)	3D40
	C.P. 22001-2	Counterweight Bearing Shaft Bushing	2D30, 12D40, 2E40, 3D40
	C.P. 22002-1	Counterweight Bearing Shaft	2D30, 12D40, 2E40, 3D40
	C.P. 22004-2	Counterweight Bearing Race (Outer)	2D30, 12D40, 2E40, 3D40
	C.P. 22005-0 thru -30 (Total of 14 thrust washers)	Starter Kit (2 each)	2D30, 12D40, 2E40, 3D40
	C.P. 22005-0	Counterweight Bearing Shaft Thrust Washer (2 each)	2D30, 12D40, 2E40, 3D40
	C.P. 22005-5	Counterweight Bearing Shaft Thrust Washer (2 each)	2D30, 12D40, 2E40, 3D40
	C.P. 22005-10	Counterweight Bearing Shaft Thrust Washer (2 each)	2D30, 12D40, 2E40, 3D40
	C.P. 22005-15	Counterweight Bearing Shaft Thrust Washer (2 each)	2D30, 12D40, 2E40, 3D40
	C.P. 22005-20	Counterweight Bearing Shaft Thrust Washer (2 each)	2D30, 12D40, 2E40, 3D40
	C.P. 22005-25	Counterweight Bearing Shaft Thrust Washer (2 each)	2D30, 12D40, 2E40, 3D40
	C.P. 22005-30	Counterweight Bearing Shaft Thrust Washer (2 each)	2D30, 12D40, 2E40, 3D40
	C.P. 22006	Counterweight Bearing Shaft Thrust Bearing Assy (matched set of 2)	2D30, 12D40, 2E40, 3D40
C.T. 37200	Cylinder Bushing Installation Tool	All Counterweight Propellers	

STC - BLADE THRUST BEARING ASSEMBLY

REPLACES:	RSW Part No.	Part Description	Applicability
STC - This assembly allows blades with cracked, corroded, or worn blade thrust bearings to be put back into service.	C.H. 220032	Blade Thrust Bearing Assy (consisting of inboard and outboard bearing races, support, and retaining ring)	D Shank Blades
	C.H. 220032	Blade Thrust Bearing Assy for large blades (over 50 # weight)	D Shank Blades

PMA - RSW BCMP51 BLADE CUFF

REPLACES:	RSW Part No.	Part Description	Applicability
N/A	BCMP51	Blade Cuff (each blade)	D Shank Blades

STC - PISTON CROWN ASSEMBLY

REPLACES:	RSW Part No.	Part Description	Applicability
STC - Replaces the original gasket and nut system with a reliable heavy duty assembly.	C.P. 22019-1	Piston Crown complete with seals	2D30
	C.P. 22019-1S	Piston Crown Seal (set of 3)	2D30
	C.P. 22019-2	Piston Crown complete with seals	12D40, 2E40, 3D40, 3E50
	C.P. 22019-2S	Piston Crown Seal (set of 3)	12D40, 2E40, 3D40, 3E50
	CP22019-3	Piston Crown complete with seals	2B20
	CP22019-3S	Piston Crown Seal (set of 3)	2B20
	C.T.38200-1	Piston Crown Installation Tool	C.P.22019-1 (2D30)
	C.T.38200-2	Piston Crown Installation Tool	C.P.22019-2 (12D40)
C.T.38200-3	Piston Crown Installation Tool	C.P.22019-3 (2B20)	

PROPELLER INSTALLATION TOOLS (Call us for custom tool orders)

54822	RSW-30-SPL	Propeller Retaining Nut Wrench	30 Spline
54819	RSW-40-SPL	Propeller Retaining Nut Wrench	40 Spline
59915	RSW-23D40-DW	Dome Wrench	23D40
59913	RSW-22D30/40-DW	Dome Wrench	22D30, 22D40
M-1087	RSW-2B20-IW	Installation Wrench	2B20
M-1088	RSW-2D30-IW	Installation Wrench	2D30
M-1089	RSW-12D40-IW	Installation Wrench	12D40

ADDITIONAL SERVICES

Install cylinder liner(s), steel and phenolic.
Machine fillet and grind thrust bearings.
Grind counterweight brackets.
Trebor Coating.
Install Counterweight Bearing and Shaft Assembly.
Install Piston Crown.
Cylinder Overhaul.