

MASTER[®] XL

RENEWAL PARTS

REDUCER REBUILD KITS

Rebuild kits consist of all high wear internal components that are routinely replaced when servicing a reducer: bearing kit, seal kit, shim kit, and factory approved gear lubricant. Rebuild kits provide several benefits when stocked as spare parts at a user location:

- Protection from excessive down time that can occur following unexpected equipment shut-down
- Parts on hand for routine scheduled maintenance
- Boxed kit may be identified to a specific machine; no more searching for individual components



**MASTER XL
RIGHT ANGLE REDUCER**

RIGHT ANGLE MASTER XL REDUCERS

SIZE	REBUILD KIT	Kit Consists of:				LUBE QTY
		BEARING KIT	SEAL KIT	SHIM KIT	LUBRICANT	
W12	41164246BM	41164245A	07901938AA	41164246A	41170966AP	1
C12	41164246BT	41164245F	07901938AB	41164246CT	41170966AP	1
W16	41164246BN	41164245B	07901938AC	41164246F	41170966AP	1
C16	41164246BV	41164245G	07901938AD	41164246CU	41170966AP	2
W21	41164246BP	41164245C	07901938AE	41164246B	41170966AP	1
C21	41164246BW	41164245H	07901938AF	41164246CV	41170966AR	1
W28	41164246BR	41164245D	07901938AG	41164246C	41170966AP	2
C28	41164246BX	41164245J	07901938AH	41164246CW	41170966AR	2
W40	41164246BS	41164245E	07901938BN	NOT USED	41170966AP 41170966AR	2 1
C40	41164246BY	41164245K	07901938BP	NOT USED	41170966AR 41170966AP	3 2



**MASTER XL
PARALLEL REDUCER**

PARALLEL MASTER XL REDUCERS

SIZE	REBUILD KIT	Kit Consists of:				LUBE QTY
		BEARING KIT	SEAL KIT	SHIM KIT	LUBRICANT	
S16	41164246BZ	41164245M	07901938AS	41164246F	41170966AP	1
D16	41164246CC	41164245R	07901938AW	41164246EA	41170966AP	1
T16	41164246CF	41164245V	07901938BA	41164246ED	41170966AP	2
S21	41164246CA	41164245N	07901938AT	41164246B	41170966AP	1
D21	41164246CD	41164245S	07901938AX	41164246EB	41170966AP	3
T21	41164246CG	41164245W	07901938BB	41164246EE	41170966AR 41170966AP	1 1
S28	41164246CB	41164245P	07901938AV	41164246C	41170966AP	2
D28	41164246CE	41164245T	07901938AY	41164246EC	41170966AR	1
T28	41164246CH	41164245X	07901938BC	41164246EF	41170966AR 41170966AP	2 1

C-ADAPTER KITS

REDUCER SIZE	56C	140TC	180TC	210TC
W12	409161	409162	—	—
C12	409161	409162	—	—
W16	409161	409162	—	—
C16	409161	409162	—	—
S-D-T16	430350	420351	—	—
W21	409164	409165	499858	499859
C21	409164	409165	499858	499859
S-D-T21	420353	420354	806661	499862
W28	409164	420354	499858	499859
C28	409164	420354	499858	499859
S-D-T28	420353	420354	806661	499862

C-FACE ADAPTER KITS for MASTER XL REDUCERS

Kit includes: cast iron c-adapter, 3-piece coupling, and mounting hardware. With C-Face modification a standard C-Face motor may be used. All Master XL Gearmotors can be modified for C-Face motor mounting. Follow selection instructions below.

Selection Instructions:

- Step 1: Select reducer size from nameplate. (EX: 56WG12A)
- Step 2: Determine frame size of C-Face motor to be used.
- Step 3: Locate motor & reducer combination in chart.
- Step 4: Locate part number appearing in column to the right.

Selection Notes:

- Reducer nameplate size with 56 or 140 prefix (EX: 56WG12A or 140WG16A) will accept either a 56C or 140TC c-adapter. Reducers with 56-140 prefix will not accept 180TC or 210TC c-adapters.
- Reducer nameplate size with 180 or 210 prefix (EX: 180WG28A or 210CG28A) will accept either a 180TC or 210TC c-adapter. Reducers with 180-210 prefix will not accept 56C or 140TC c-adapters.



3-PIECE COUPLING KITS MASTER XL C-FACE REDUCERS

MOTOR/REDUCER SIZE	COUPLING TYPE	KIT PART NUMBER	Kit Consists of:		
			KEYED HUB	SLEEVE / SPIDER	SPLINED HUB
56C / 12-16	NYLIGN	41164201E	41162904A	41162906A	41162908A
56C / 21-28	NYLIGN	41164201G	41162904A	41162906A	41162908B
140TC / 12-16	NYLIGN	41164201F	41162904C	41162906A	41162908A
140TC / 21-28	NYLIGN	41164201H	41162904C	41162906A	41162908B
180TC / 21-28	JAW STYLE	41164201LN	60222209A	60222211A	60222213A
210TC / 21-28	JAW STYLE	41164201LP	60222209B	60222211A	60222213A

3-PIECE COUPLING KITS: MASTER XL C-FACE REDUCERS

Used for MASTER XL Reducers equipped with C-Face motors.

Coupling Kit consists of:

- Splined hub (reducer side)
- Keyed hub (motor side)
- Sleeve or spider



NYLIGN 3-PIECE



JAW STYLE 3-PIECE



PAINT AEROSOL TOUCH UP

For reducers manufactured after January 2014, use Master Green.

Also available in Blue/Green, White, and Stainless Steel.

PART NUMBER	VOLUME	DESCRIPTION/COLOR
41171001A	12 oz	Master Green
810001	12 oz	Blue/Green
810002	12 oz	Epoxy White
810003	13 oz	Stainless Steel

For assembly instruction and parts list drawings request E-3607 for MASTER XL Parallel or E-3614 for Master XL Right Angle.

To check inventory, pricing and/or to place an order go to PTPlace.com

For manuals and parts breakdowns, see www.master-pt.com



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