

Identification of older Velvet Drive Models 70C, 71C, 72C & 73C

NEW TRANS. ASSEMBLY NUMBER	TRANS. ASSEMBLY NUMBER (8)	INPUT TO OUTPUT SPEED RATIO		ROTATION (1)			PUMP SETTING (2)	PROPELLER REQUIRED (3)	OIL CAPACITY (4)				APPROX. TRANS. WEIGHT	
				15° INCLINED		LEVEL								
		FORWARD	REVERSE	INPUT SHAFT	FORWARD	REVERSE			U.S. QTS.	LITERS	U.S. QTS.	LITERS	POUNDS	KGS.
10-04-000-022*	AS1-70C	1:1	1:1	CW	CW	CCW	LH	RH	1.3	1.23	1.8	1.70	92	41.7
10-04-000-023*	AS1-70CR	1:1	1:1	CCW	CCW	CW	RH	LH	1.3	1.23	1.8	1.70	92	41.7
10-04-000-026*	AS2-70C	1.52:1	1.52:1	CW	CW	CCW	LH	RH	2.7	2.56	2.5	2.37	142	64.4
10-04-000-027*	AS2-70CR	1.52:1	1.52:1	CCW	CCW	CW	RH	LH	2.7	2.56	2.5	2.37	142	64.4
10-04-000-028*	AS3-70C	2.10:1	2.10:1	CW	CW	CCW	LH	RH	2.7	2.56	2.5	2.37	142	64.4
10-04-000-029*	AS3-70CR	2.10:1	2.10:1	CCW	CCW	CW	RH	LH	2.7	2.56	2.5	2.37	142	64.4
10-04-000-030*	AS4-70C	2.57:1	2.57:1	CW	CW	CCW	LH	RH	2.7	2.56	2.5	2.37	142	64.4
10-04-000-031*	AS4-70CR	2.57:1	2.57:1	CCW	CCW	CW	RH	LH	2.7	2.56	2.5	2.37	142	64.4
10-04-000-032*	AS5-70C	2.91:1	2.91:1	CW	CW	CCW	LH	RH	2.7	2.56	2.5	2.37	142	64.4
10-04-000-033*	AS5-70CR	2.91:1	2.91:1	CCW	CCW	CW	RH	LH	2.7	2.56	2.5	2.37	142	64.4
10-04-000-034*	AS7-70C (5)	1.91:1	1.91:1	CW	CCW	CW	LH	LH	2.7	2.56	2.5	2.37	142	64.4
10-04-000-035*	AS7-70CR (5)	1.91:1	1.91:1	CCW	CW	CCW	RH	RH	2.7	2.56	2.5	2.37	142	64.4
10-04-000-024*	AS10-70C (7)	1:1	1:1	CW	CW	CCW	LH	LH	1.7	1.61	2.1	1.99	95	43.1
10-04-000-025*	AS10-70CR (7)	1:1	1:1	CCW	CCW	CW	RH	RH	1.7	1.61	2.1	1.99	95	43.1
10-17-000-001*	AS1-71C	1:1	1:1	CW	CW	CCW	LH	RH	1.3	1.23	1.8	1.70	95	43.1
10-17-000-002*	AS1-71CR	1:1	1:1	CCW	CCW	CW	RH	LH	1.3	1.23	1.8	1.70	95	43.1
10-17-000-003	AS1-71CB (6)	1:1	1:1	CW	CW	CCW	LH	RH	1.3	1.23	1.8	1.70	95	43.1
10-17-000-004	AS1-71CBR (6)	1:1	1:1	CCW	CCW	CW	RH	LH	1.3	1.23	1.8	1.70	95	43.1
10-17-000-005	AS2-71C	1.52:1	1.52:1	CW	CW	CCW	LH	RH	2.7	2.56	2.5	2.37	145	65.8
10-17-000-006	AS2-71CR	1.52:1	1.52:1	CCW	CCW	CW	RH	LH	2.7	2.56	2.5	2.37	145	65.8
10-17-000-009	AS3-71C	2.10:1	2.10:1	CW	CW	CCW	LH	RH	2.7	2.56	2.5	2.37	145	65.8
10-17-000-010	AS3-71CR	2.10:1	2.10:1	CCW	CCW	CW	RH	LH	2.7	2.56	2.5	2.37	145	65.8
10-17-000-011	AS4-71C	2.57:1	2.57:1	CW	CW	CCW	LH	RH	2.7	2.56	2.5	2.37	145	65.8
10-17-000-012	AS4-71CR	2.57:1	2.57:1	CCW	CCW	CW	RH	LH	2.7	2.56	2.5	2.37	145	65.8
10-17-000-013	AS5-71C	2.91:1	2.91:1	CW	CW	CCW	LH	RH	2.7	2.56	2.5	2.37	145	65.8
10-17-000-014	AS5-71CR	2.91:1	2.91:1	CCW	CCW	CW	RH	LH	2.7	2.56	2.5	2.37	145	65.8
10-17-000-007	AS7-71C	1.91:1	1.91:1	CW	CCW	CW	LH	LH	2.7	2.56	2.5	2.37	145	65.8
10-17-000-008	AS7-71CR	1.91:1	1.91:1	CCW	CW	CCW	RH	RH	2.7	2.56	2.5	2.37	145	65.8
10-17-000-015*	AS20-71C (7)	1:1	1:1	CW	CW	CCW	LH	LH	1.7	1.61	2.1	1.99	98	44.5
10-17-000-016*	AS20-71CR (7)	1:1	1:1	CCW	CCW	CW	RH	RH	1.7	1.61	2.1	1.99	98	44.5
10-18-000-001	AS11-72C	1:1	1.10:1	CW	CW	CCW	LH	RH	1.7	1.61	2.1	1.99	109	49.4
10-18-000-002	AS11-72CR	1:1	1.10:1	CCW	CCW	CW	RH	LH	1.7	1.61	2.1	1.99	109	49.4
10-18-000-003	AS12-72C	1.52:1	1.68:1	CW	CW	CCW	LH	RH	2.8	2.65	2.7	2.56	154	69.9
10-18-000-004	AS12-72CR	1.52:1	1.68:1	CCW	CCW	CW	RH	LH	2.8	2.65	2.7	2.56	154	69.9
10-18-000-007	AS13-72C	2.10:1	2.31:1	CW	CW	CCW	LH	RH	2.8	2.65	2.7	2.56	154	69.9
10-18-000-008	AS13-72CR	2.10:1	2.31:1	CCW	CCW	CW	RH	LH	2.8	2.65	2.7	2.56	154	69.9
10-18-000-009	AS14-72C	2.57:1	2.83:1	CW	CW	CCW	LH	RH	2.8	2.65	2.7	2.56	154	69.9
10-18-000-010	AS14-72CR	2.57:1	2.83:1	CCW	CCW	CW	RH	LH	2.8	2.65	2.7	2.56	154	69.9
10-18-000-011	AS15-72C	2.91:1	3.20:1	CW	CW	CCW	LH	RH	2.8	2.65	2.7	2.56	154	69.9
10-18-000-012	AS15-72CR	2.91:1	3.20:1	CCW	CCW	CW	RH	LH	2.8	2.65	2.7	2.56	154	69.9
10-18-000-005	AS17-72C (5)	1.91:1	2.10:1	CW	CCW	CW	LH	LH	2.8	2.65	2.7	2.56	154	69.9
10-18-000-006	AS17-72CR (5)	1.91:1	2.10:1	CCW	CW	CCW	RH	RH	2.8	2.65	2.7	2.56	154	69.9
10-18-000-013	AS20-72C (7)	1:1	1.10:1	CW	CW	CCW	LH	LH	1.7	1.61	2.1	1.99	112	50.8
10-18-000-014	AS20-72CR (7)	1:1	1.10:1	CCW	CCW	CW	RH	RH	1.7	1.61	2.1	1.99	112	50.8
	AS20-72C (7)	1:1	1.10:1	CW	CW	CCW	LH	LH	1.7	1.61	2.1	1.99	116	52.6
	AS20-72CR (7)	1:1	1.10:1	CCW	CCW	CW	RH	RH	1.7	1.61	2.1	1.99	116	52.6
10-06-000-004	AS1-73C	1:1	88:1	CW	CW	CCW	LH	RH	1.5	1.42	1.6	1.51	135	61.2
10-06-000-005	AS1-73CR	1:1	88:1	CCW	CCW	CW	RH	LH	1.5	1.42	1.6	1.51	135	61.2
10-06-000-006	AS2-73C	1.5:1	1.32:1	CW	CW	CCW	LH	RH	2.2	2.08	2.0	1.89	185	83.9
10-06-000-007	AS2-73CR	1.5:1	1.32:1	CCW	CCW	CW	RH	LH	2.2	2.08	2.0	1.89	185	83.9
10-06-000-008	AS5-73C	3:1	2.64:1	CW	CW	CCW	LH	RH	2.2	2.08	2.0	1.89	185	83.9
10-06-000-009	AS5-73CR	3:1	2.64:1	CCW	CCW	CW	RH	LH	2.2	2.08	2.0	1.89	185	83.9
10-06-000-010	AS7-73C (5)	2:1	1.76:1	CW	CCW	CW	LH	LH	2.2	2.08	2.0	1.89	185	83.9
10-06-000-011	AS7-73CR (5)	2:1	1.76:1	CCW	CW	CCW	RH	RH	2.2	2.08	2.0	1.89	185	83.9

*Discontinued Models

- Input and output shaft rotation is described as clockwise (CW) or counter clockwise (CCW) when the observer is standing behind transmission coupling facing towards front or input shaft end of transmission.
- Pump rotation is described when the observer is standing in front of transmission facing the pump. The arrow located nearest the top of pump face must point in the direction pump will be driven by the input shaft. IT SHOULD BE REALIZED THAT INDEXING THE PUMP FOR OPPOSITE ROTATION DOES NOT CAUSE OUTPUT SHAFT ROTATION TO BE REVERSED, but does permit the transmission to be used behind an opposite rotating engine. All 10-06 units may have pump indexed for opposite rotation.

CAUTION: The pump indexing on all assemblies except 2.10:1 reduction units is the only difference between C and CR units. The planetary gears and cage assembly used in C units is different than the one used in CR units in the 2.10:1 reduction units; therefore, indexing the pump for opposite rotation is not permitted on these assemblies. No warranty claims will be allowed for failures caused by improper pump indexing on 2.10:1 reduction units.

- The propeller is described when the observer is standing behind the boat looking forward. A right hand (RH) prop will move the boat forward when rotated clockwise.
- Transmission oil capacity only is given. Additional oil will be required for filling oil cooler and cooler lines.
- All AS7 and AS17 reduction units are counter-rotating, i.e. the output shaft turns opposite to input shaft when the transmission is operated in forward.
- The AS1-71CB and AS1-71CBR units are for heavier reverse duty and diesel applications.
- Warner Gear supplies AS10-70C, AS10-70CR, AS20-71C, AS20-71CR, AS20-72C, AS20-72CR, AS30-70C and AS30-72C units for use with stern drives. V-Drives or other auxiliary reduction gears. Contact the manufacturer of the supplementary gearing for details of the complete assembly.
- All Model 70C units have been discontinued.

