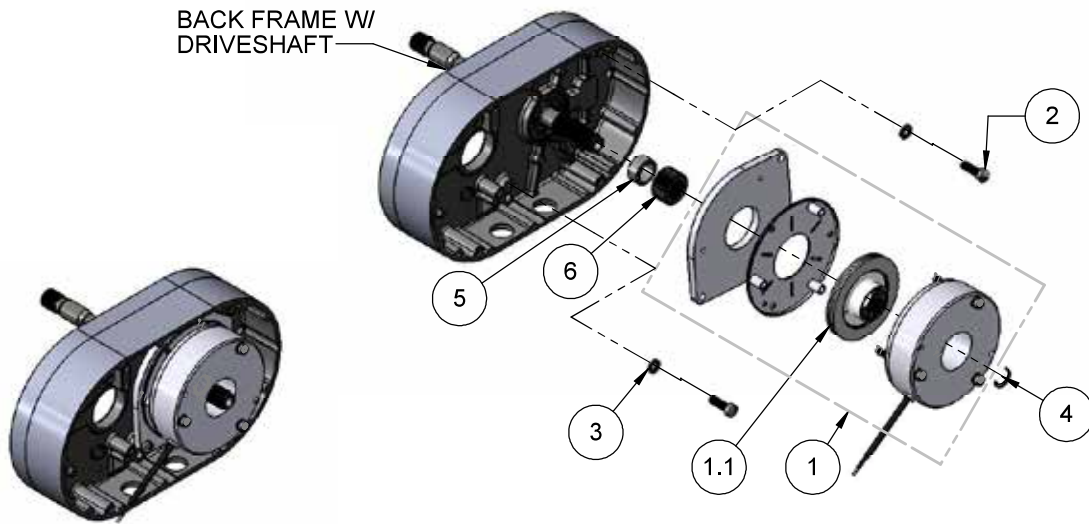


SINGLE DC BRAKE MODELS J, JJ, L, LL, R, & RR

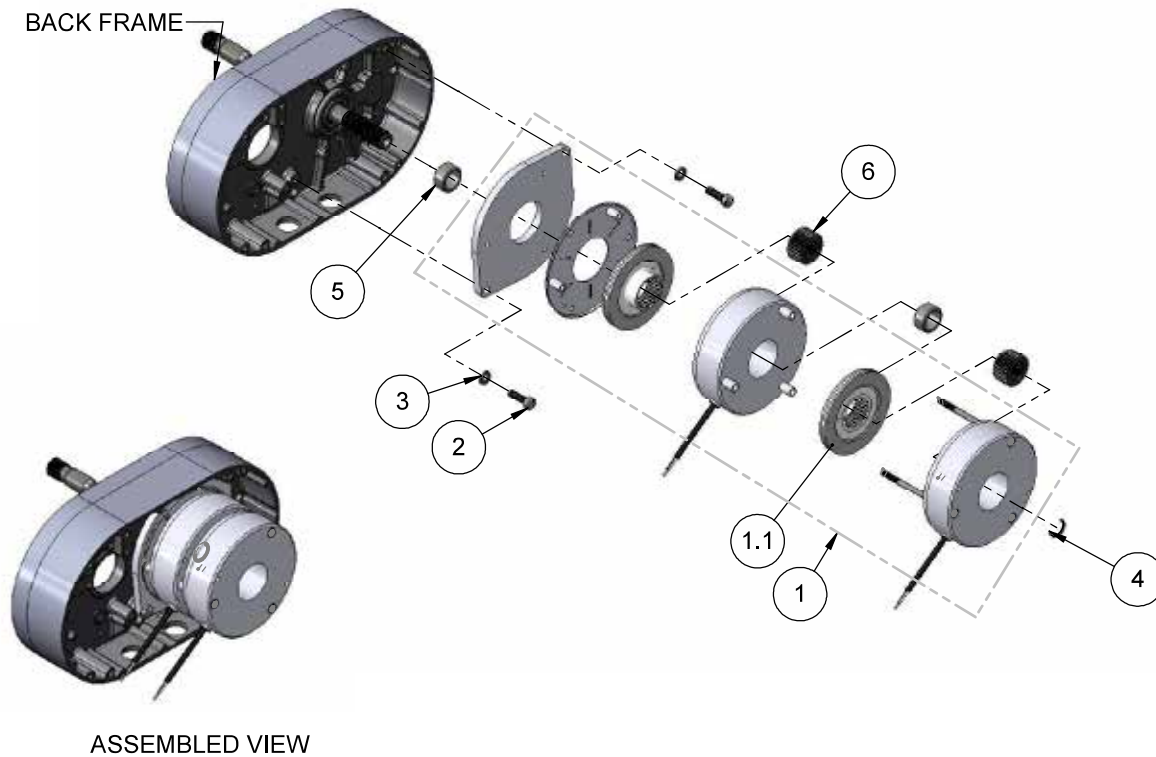


ASSEMBLED VIEW

HOIST MODEL	BRAKE ASSEMBLY ITEM 1	HOIST MOTOR VOLTAGE	BRAKE COIL VOLTAGE
J, L, R	10001246	110/115-1-50/60 220/230-1-50/60	103VDC
	10001247	220/230-1-50/60 220/230-3-50/60 380/415/480-3-50/60	205VDC
JJ, LL, RR	10001249	220/230-3-50/60 380/415/480-3-50/60	205VDC

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	SEE TABLE	DC BRAKE ASSEMBLY	1
1.1	10001253	BRAKE ROTOR, DC BRAKE	1
2	10001697	BRAKE SCREW	2
3	945851	LOCKWASHER	2
4	10409711	RETAINING RING	1
5	00001433	HUB SPACER DC BRAKE	1
6	00001431	BRAKE HUB, DC BRAKE	1

DOUBLE DC BRAKE MODELS J, JJ, L, LL, R, & RR

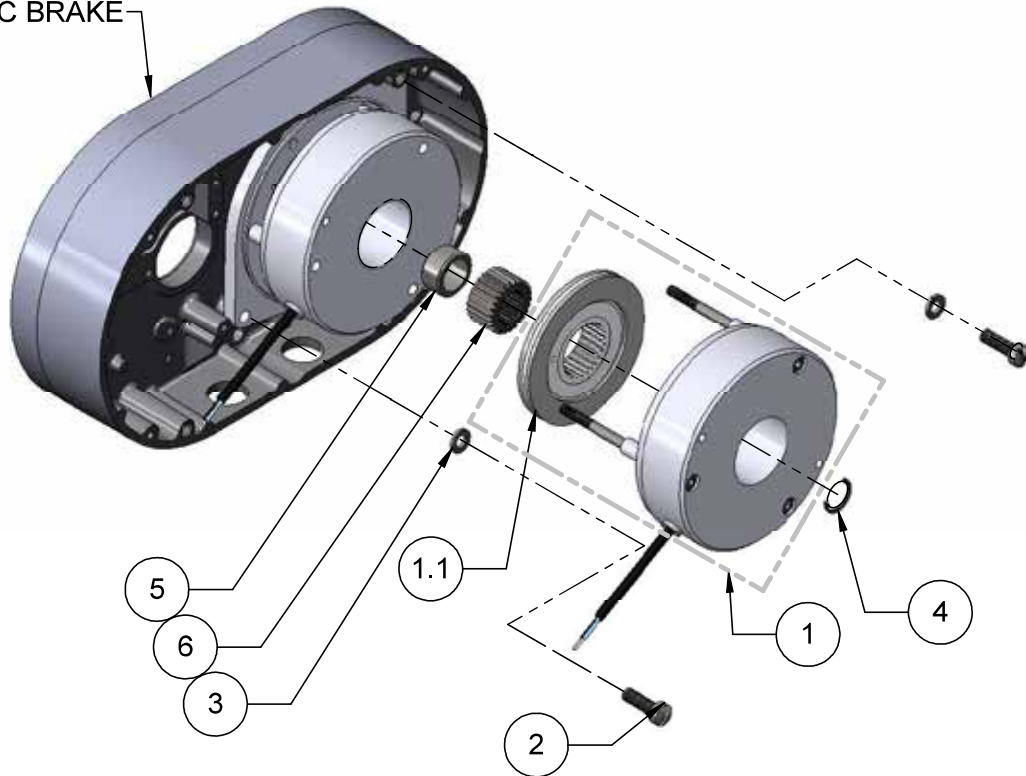


HOIST MODEL	BRAKE ASSEMBLY ITEM 1	HOIST MOTOR VOLTAGE	BRAKE COIL VOLTAGE
J, L, R	10001450	220/230-1-50/60 220/230-3-50/60 380/415/480-3-50/60	205VDC
JJ, LL, RR	10001452	220/230-3-50/60 380/415/480-3-50/60	205VDC

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	SEE TABLE	DC BRAKE ASSEMBLY	1
1.1	10001253	BRAKE ROTOR, DC BRAKE	2
2	10001697	BRAKE SCREW	2
3	945851	LOCKWASHER	2
4	35766	RETAINING RING	1
5	00001433	HUB SPACER DC BRAKE	2
6	00001431	BRAKE HUB, DC BRAKE	2

DC BRAKE - SINGLE TO DOUBLE CONVERSION MODELS J, JJ, L, LL, R, & RR

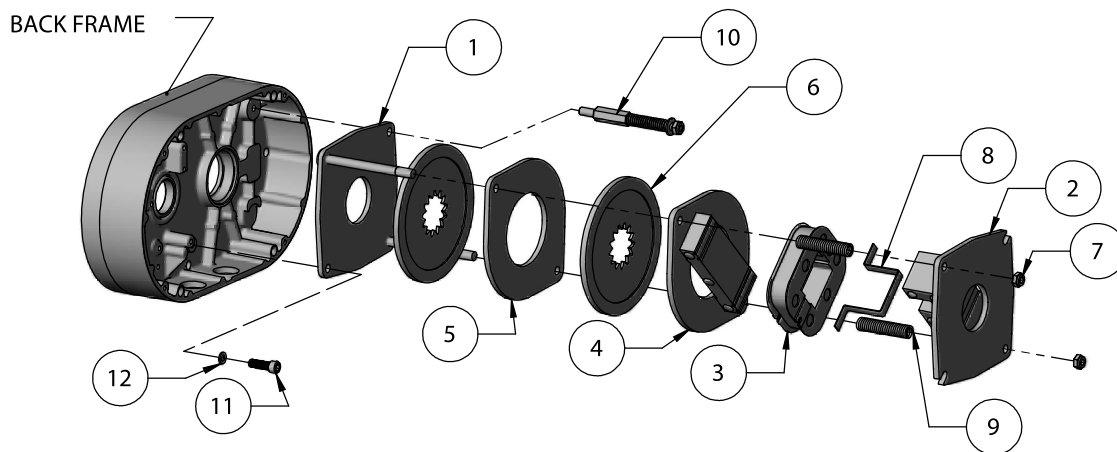
BACK FRAME W/
SINGLE DC BRAKE



HOIST MODEL	BRAKE ASSEMBLY KIT ITEM 1	HOIST MOTOR VOLTAGE	BRAKE COIL VOLTAGE
J, L, R	10001457	110/115-1-50/60	103VDC
	10001458	220/230-1-50/60 220/230-3-50/60 380/415/480-3-50/60	205VDC
JJ, LL, RR	10001460	220/230-1-50/60 220/230-3-50/60 380/415/480-3-50/60	205VDC

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	SEE TABLE	#10 DOUBLE BRAKE	1
1.1	10001253	V2 LODESTAR, SIZE 10 ROTOR	1
2	982709	SCREW 5/16-18 UNC-2A X 1"	2
3	945851	LOCKWASHER, 5/16 X .125 X .078	2
4	35766	ROTOR CLIP RETAINING RING	1
5	00001433	HUB SPACER V2 DC INTORQ BRAKE	1
6	00001431	V2 LODESTAR, SIZE 10 HUB	1

AC BRAKE MODELS J, JJ, L, LL, R & RR



HOIST PHASING	MODEL	BRAKE ASSEMBLY	BRAKE SPRING	BRAKE COIL
3 PHASE	J, L, R	35647	35716	51511
3 PHASE	JJ, LL, RR	35648	35717	51512
1 PHASE	J, L, R	35646	35716	51510

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	35643	BRAKE BASE PLATE AND STUDS	1
2	35629	BRAKE FIELD SUB-ASSEMBLY	1
3	SEE TABLE	BRAKE COIL	1
4	35600	BRAKE ARMATURE ASSEMBLY	1
5	35069	BRAKE INTERMEDIATE PLATE	1
6	35632	BRAKE FRICTION DISC	2
7	945840	BRAKE STUD NUT	2
8	35704	BRAKE COIL STRAP	1
9	SEE TABLE	BRAKE SPRING	2
10	36704	BRAKE STUD ASSEMBLY	1
11	10001697	SCREW	1
12	982226	LOCKWASHER	1