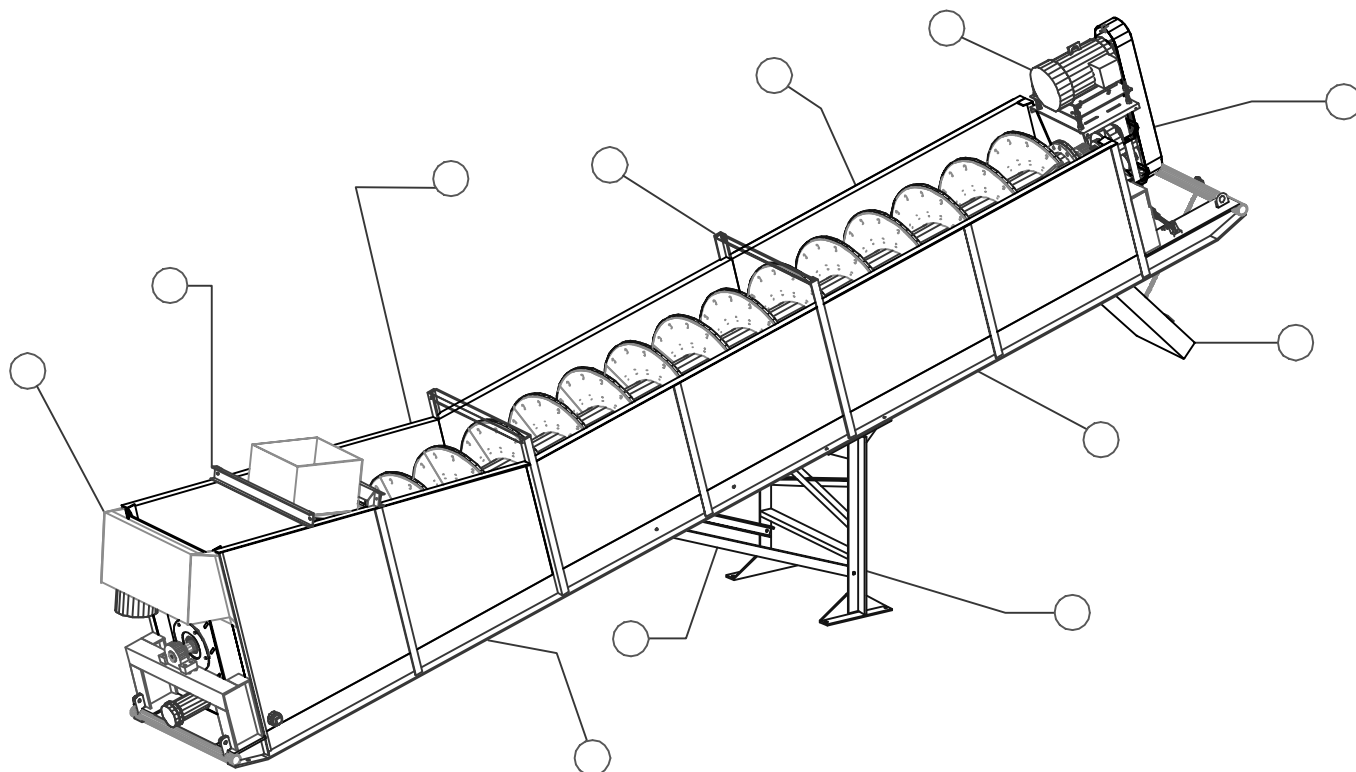


PROJECT:
36" X 28' SINGLE COARSE SCREW

GreyStone

DESCRIPTION:
OVERALL ASSEMBLY



REF. NUMBER	PART NUMBER	PART NAME	QUANTITY	Wt.Lbs.Ea.
1	000050349	TUB ASSEMBLY	1	
2	000050354	SKID ASSEMBLY	1	
3	000050353	UPRIGHT ASSEMBLY	1	
4	000050357	INFEED HOPPER ASSEMBLY	1	
		BOLTS:		
	000010570	1/2"-13 x 1 1/4" BOLTS	4	
	000010805	1/2"-13 NUTS	4	
	000010940	1/2" LOCK WASHERS	4	
5	000050356	OVERFLOW TROUGH ASSEMBLY	1	
6	000050355	TIP FRAME ASSEMBLY	1	
		BOLTS:		
	000010605	3/4"-10 x 2" BOLTS	4	
	000010810	3/4"-10 NUTS	4	
	000010945	3/4" LOCK WASHERS	4	
7	000050137	TIP FRAME KNEE BRACE	2	
		BOLTS: (PER KNEE BRACE)		
	000010605	3/4"-10 x 2" BOLT	2	
	000010810	3/4"-10 NUTS	2	
	000010945	3/4" LOCK WASHERS	2	

DWG. NUMBER: PF3628C1

DRAWN
BY:

JAF

DATE:

1/6/06

REVISIONS

PAGE #

1

PROJECT:

36" X 28' SINGLE COARSE SCREW

GreyStone

DESCRIPTION:

OVERALL ASSEMBLY

<u>REF. NUMBER</u>	<u>PART NUMBER</u>	<u>PART NAME</u>	<u>QUANTITY</u>	<u>Wt.Lbs.Ea.</u>
8	000050327	TUB FRAME UPRIGHT TOP SUPPORT	2	
		BOLTS: (PER CROSS MEMBER)		
	000010605	3/4"-10 x 2" BOLTS	2	
	000010810	3/4"-10 NUTS	2	
	000010945	3/4" LOCK WASHERS	2	
9	000016661	SCREW SHAFT RH COMPLETE	1	
10		DRIVE ASSEMBLY	1	
11	000011977	DISCHARGE CHUTE ASSEMBLY	1	
		BOLTS:		
	000010580	1/2"-13 X 2 1/2" BOLT	2	
	000010805	1/2"-13 NUT	2	
	000010940	1/2" LOCK WASHER	2	
	000010950	1/2" FLAT WASHER	4	
12		MOTOR GUARD	1	
	000050140	MOTOR GUARD FRONT ASSEMBLY	1	
	000050141	MOTOR GUARD BACK ASSEMBLY	1	
		BOLTS:		
	000010570	1/2"-13 X 1 1/4" BOLT	4	
	000010572	1/2"-13 x 1 1/2" BOLT	4	
	000010805	1/2"-13 NUT	8	
	000010940	1/2" LOCK WASHER	4	
	000010950	1/2" FLAT WASHER	4	

DWG. NUMBER: PF3628C1

DRAWN
BY:

JAF

DATE:

1/6/06

REVISIONS

PAGE #

2

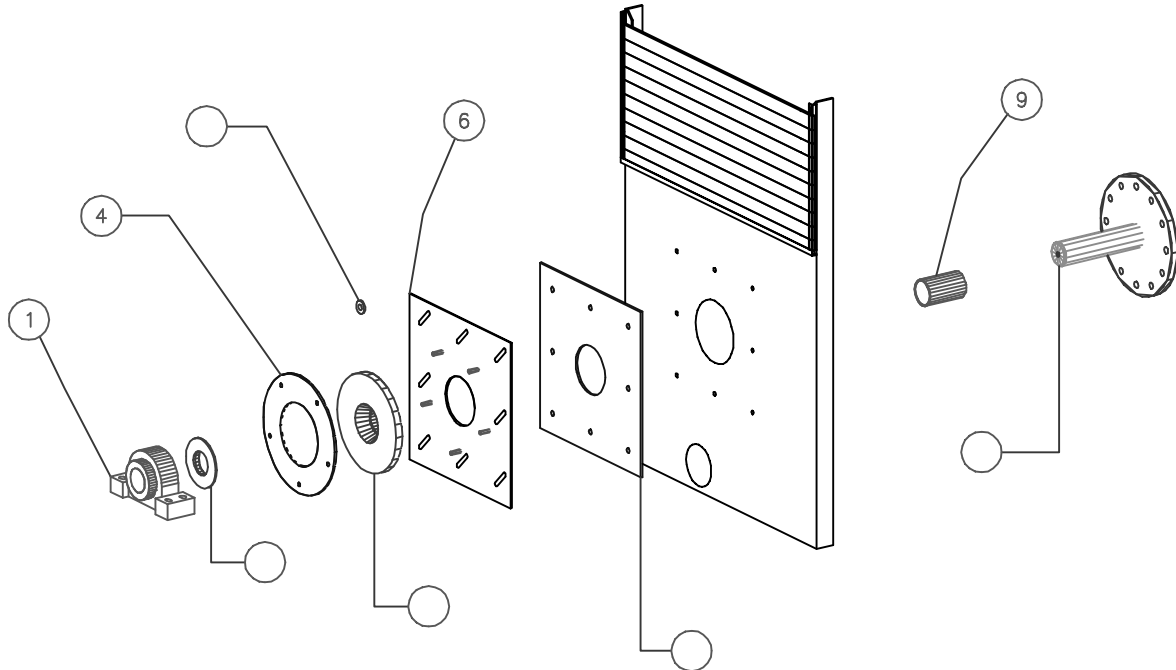
PROJECT:

36" X 28' SINGLE COARSE SCREW

GreyStone

DESCRIPTION:

LOWER END ASSEMBLY



REF. NUMBER	PART NUMBER	PART NAME	QUANTITY	Wt.Lbs.Ea.
1	000012083	BEARING	1	
		BOLTS:		
	000010620	3/4"-10 x 5" BOLTS	4	
	000010810	3/4"-10 NUTS	4	
	000010945	3/4" LOCK WASHERS	4	
	000010955	3/4" FLAT WASHERS	8	
2	000031640	BEARING SHIM OPTIONAL (NOT SHOWN)	1	
3	000035211	SLINGER W/COLLAR	1	
4	000035140	SEAL RETAINER	1	
		NUTS:		
	000010805	1/2"-13 NUTS	5	
5	000035280	LOWER STUB SHAFT SEAL	1	
6	000035190	ADJUSTMENT PLATE	1	
7	000035162	ADJUSTMENT PLATE GASKET	2	
8	000030420	ADJUSTMENT PLATE WASHER	8	
		BOLTS:		
	000010578	1/2"-13 x 2" BOLTS	8	
	000010805	1/2"-13 NUTS	8	
	000010900	1/2" WASHERS (RUBBER BACKED)	8	
9	000035310	SLEEVE	1	
10	000015881	LOWER STUB SHAFT W/O SLEEVE	1	
	000039015	LOWER STUB SHAFT W/SLEEVE		

DWG. NUMBER: PF3628C2

DRAWN
BY:

JAF

DATE:

1/6/06

REVISIONS

PAGE #

1

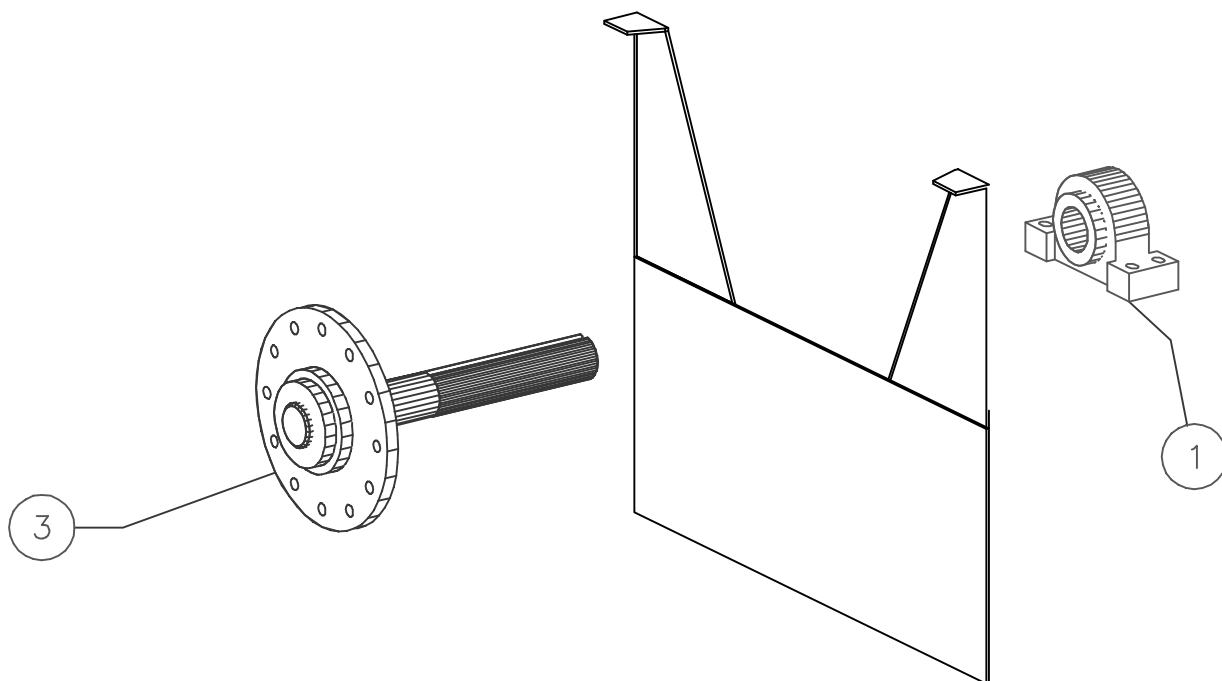
PROJECT:

36" X 28' SINGLE COARSE SCREW

GreyStone

DESCRIPTION:

UPPER END ASSEMBLY



REF. NUMBER	PART NUMBER	PART NAME	QUANTITY	Wt.Lbs.Ea.
1	000012048	BEARING	1	
		BOLTS:		
	000010620	3/4"-10 x 5" BOLTS	4	
	000010810	3/4"-10 NUTS	4	
	000010945	3/4" LOCK WASHERS	4	
	000010955	3/4" FLAT WASHERS	8	
2	000031640	BEARING SHIM OPTIONAL (NOT SHOWN)	1	
3	000039016	UPPER STUB SHAFT ASSEMBLY	1	

DWG. NUMBER: PF3628C3

DRAWN
BY:

JAF

DATE:

1/6/06

REVISIONS

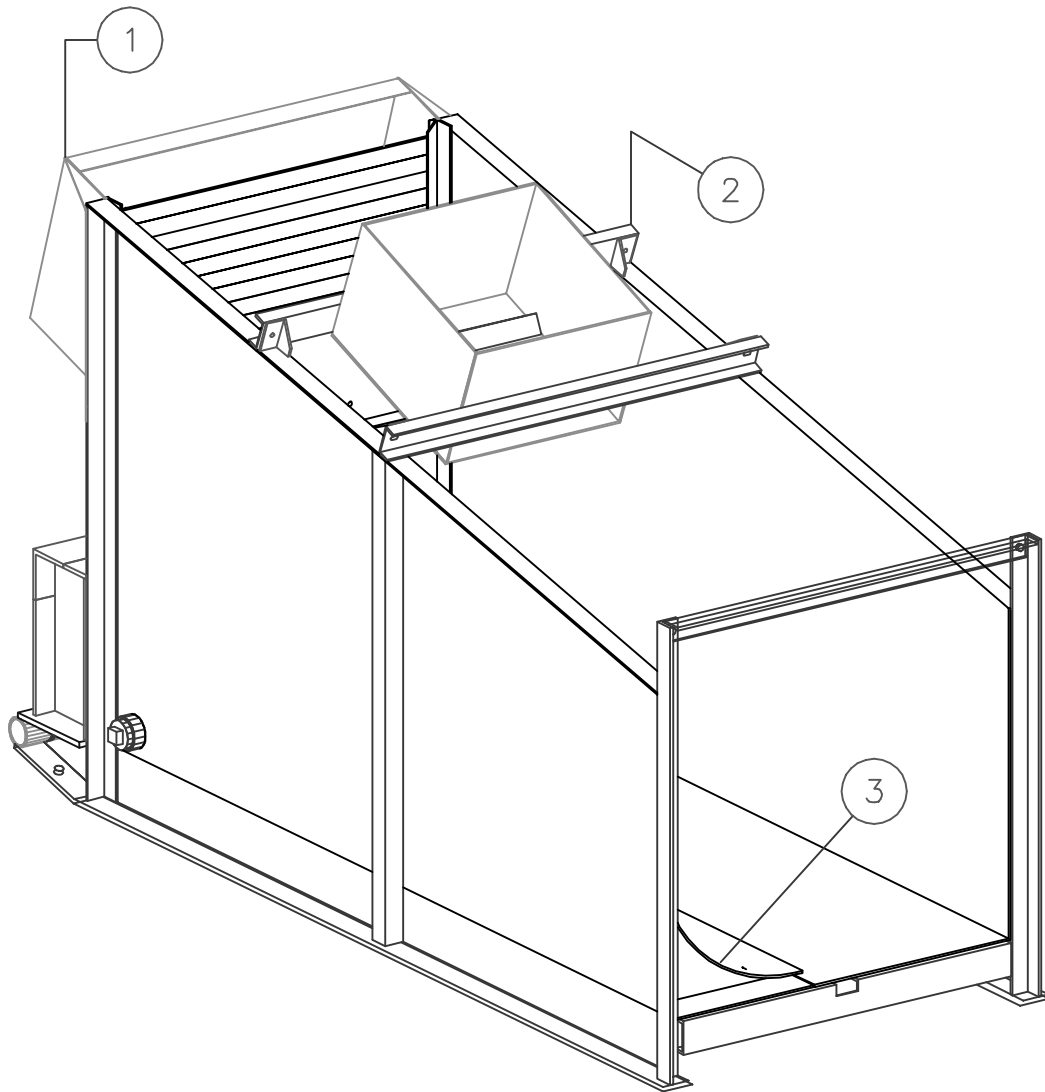
PAGE #

1

PROJECT:
36" X 28' SINGLE COARSE SCREW

GreyStone

DESCRIPTION:
POOL AREA



REF. NUMBER	PART NUMBER	PART NAME	QUANTITY	Wt.Lbs.Ea.
1	000050356	OVERFLOW TROUGH ASSEMBLY	1	
2	000050357	INFEED HOPPER ASSEMBLY	1	
		BOLTS:		
	000010570	1/2"-13 x 1 1/4" BOLTS	4	
	000010805	1/2"-13 NUTS	4	
	000010940	1/2" LOCK WASHERS	4	
3	000003990	BELLYPAN SECTION #1	1	
	000003991	BELLYPAN SECTION #2 & 3	1	
	000039058	BELLYPAN DIVIDER	3	

DWG. NUMBER: PF3628C4

DRAWN
BY: JAF

DATE: 1/6/06

REVISIONS

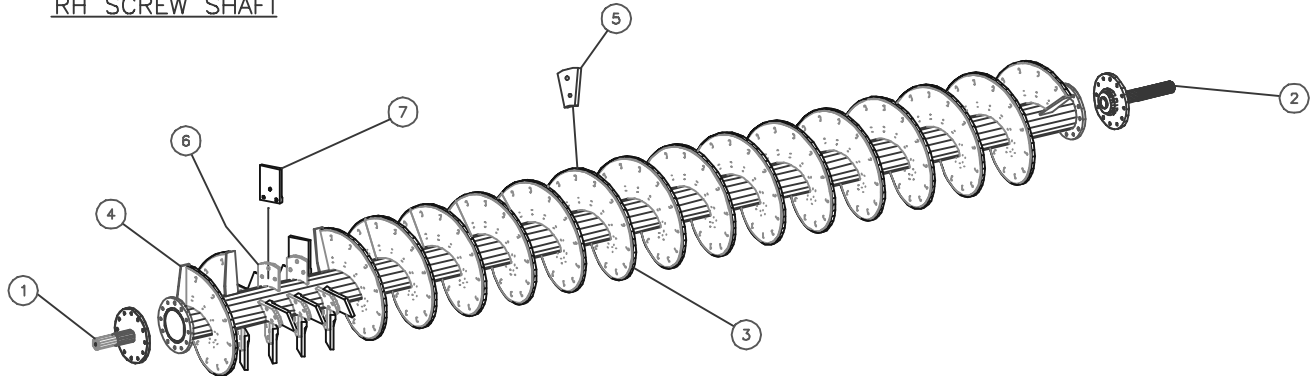
PAGE # 1

PROJECT:
36" X 28' SINGLE COARSE SCREW

Greystone

DESCRIPTION:
SCREW SHAFTS

RH SCREW SHAFT



RH SCREW SHAFT ESTIMATED WEIGHT

<u>REF. NUMBER</u>	<u>PART NUMBER</u>	<u>PART NAME</u>	<u>QUANTITY</u>	<u>Wt.Lbs.Eq.</u>
1	000039015	LOWER STUB SHAFT W/SLEEVE	1	
2	000039016	UPPER STUB SHAFT ASSEMBLY	1	
		BOLTS:		
	000010720	7/8"-14 x 3 1/2" BOLTS Gr. 8	24	
	000010860	7/8"-14 NUTS Gr. 8	24	
	000010947	7/8" LOCK WASHERS	24	
	000039207	<u>RH SCREW SHAFT W/FLIGHT & BASES</u>	1	
	000007120	<u>W/SHOES</u>		
3	000033125	RH FLIGHT	15	
4	000033650	RH FLIGHT GUSSET	4	
5	000012768	NIHARD SHOE RH	180	
		BOLTS RH SHOES:		
	000010571	BOLT FHSCS 1/2" -13 X 1 1/2"	360	
	000010805	1/2"-13 NUTS	360	
	000010940	1/2" LOCK WASHERS	360	
	000010950	1/2" FLAT WASHERS	360	
6	000034605	PADDLE BASE	12	
7	000015080	NIHARD PADDLE 36LWP	12	
		BOLTS RH PADDLES:		
	000010725	BOLT HCS 7/8" -14 X 4" GR.8	36	
	000010920	7/8" FLAT WASHERS	36	
	000010860	7/8" -14 NUTS	36	
	000010840	7/8" -14 NUT JAM	36	

DWG. NUMBER: PF3628C5

DRAWN
BY:

JAF

DATE:

1/6/06

REVISIONS

PAGE #

1

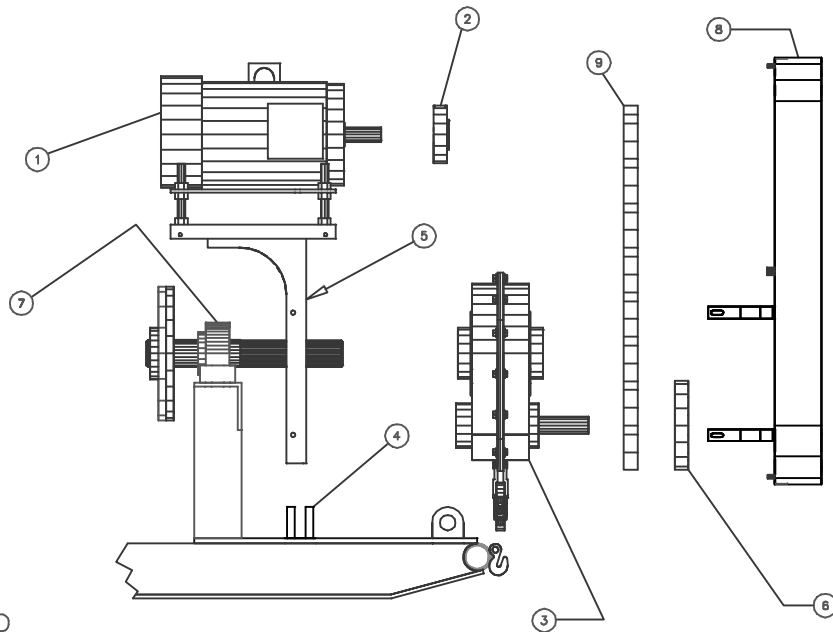
PROJECT:

36" X 28' SINGLE COARSE SCREW

GreyStone

DESCRIPTION:

DRIVE ASSEMBLY



100% SCREW SPEED

REF. NUMBER	PART NUMBER	PART NAME	QUANTITY	Wt.Lbs.Eq.
1		MOTOR 30HP, 1800RPM, 286T	1	
		BOLTS:		
	000010572	1/2"-13 x 1 1/2" BOLT	4	
	000010805	1/2"-13 NUT	4	
	000010940	1/2" LOCK WASHER	4	
2	000014939	MOTOR SHEAVE 2B 7.0 QD	1	
	000012672	BUSHING SK 1 7/8		
3	000003690	GEAR REDUCER DODGE TA6307H40	1	
	000018195	BUSHING TA6307TB 3 7/16		
4	000018194	TORQUE ARM ASSEMBLY	1	
		BOLTS:		
	000010615	3/4"-10 X 4" BOLT	1	
	000010810	3/4"-10 NUT	1	
	000010945	3/4" LOCK WASHER	1	
5	000012048	MOTOR MOUNT TA6307MM	1	
6	000003623	GEAR BOX SHEAVE 2B11.0 QD	1	
	000003262	BUSHING SK 2 3/16		
7	000012048	UPPER BEARING	1	
8	000050139	MOTOR GUARD		
	000050140	MOTOR GUARD FRONT ASSEMBLY	1	
	000050141	MOTOR GUARD BACK ASSEMBLY	1	
		BOLTS:		
	000010572	1/2"-13 x 1 1/2" BOLT	4	
	000010805	1/2"-13 NUT	4	
	000010940	1/2" LOCK WASHER	4	
9	000016573	V-BELT BX-100	1	

DWG. NUMBER: PF3628C6

DRAWN BY:

JAF

DATE:

1/6/06

REVISIONS

PAGE #

1