

PART#	DESCRIPTION	QTY
101	TOOL KIT	
T-1	634 BEARING CUP REMOVAL TOOL	1
T-2	632 BEARING CUP REMOVAL TOOL	1
T-3	632/634 CUP INSTALLATION TOOL	1
T-4	660-3A & 611-3B REMOVAL TOOL	1
T-5	660-3A, 627,628 & 630 INSTALLATION TOOL	1
T-6	626-A(T) INSTALLATION TOOL	1
T-7	629-A(T), 629-B(T) REMOVAL TOOL	1
T-8	622-A SEAL PROTECTOR	1
T-9	623-3T GEARSET BEARING REMOVAL TOOL	1
102-E	EP "O" RING KIT	
637-BE	CLUTCH "O" RING	1
639-E	611-3A "O" RING	3
640-E	613 "O" RING	1
641-3E	GEARBOX SCREW "O" RING	3
642-3E	GEARBOX STEM "O" RING	1
644-E	GEARBOX COVER "O" RING	1
662-E	660-D, 660-DX "O" RING	1
102-ET	EP "O" RING KIT-Flow Thru	
637-BE	CLUTCH "O" RING	1
639-E	611-3A "O" RING	1
640-E	613 "O" RING	1
641-3E	GEARBOX SCREW "O" RING	3
642-3E	GEARBOX STEM "O" RING	1
644-E	GEARBOX COVER "O" RING	1
662-E	660-D, 660-DX "O" RING	1
102-V	VITON "O" RING KIT	
637-BV	CLUTCH "O" RING	1
639-V	611-3A "O" RING	3
640-V	613 "O" RING	1
641-3V	GEARBOX SCREW "O" RING	3
642-3V	GEARBOX STEM "O" RING	1
644-V	GEARBOX COVER "O" RING	1
662-V	660-D, 660-DX "O" RING	1
102-VT	VITON "O" RING KIT -Flow Thru	
637-BV	CLUTCH "O" RING	1
639-V	611-3A "O" RING	1
640-V	613 "O" RING	1
641-3V	GEARBOX SCREW "O" RING	3
642-3V	GEARBOX STEM "O" RING	1
644-V	GEARBOX COVER "O" RING	1
662-V	660-D, 660-DX "O" RING	1
104-E	BEARING, CUPS & SEALS (EP)	
631	TEE HOUSING BEARING	2
632	TEE HOUSING BEARING CUP	2
633	NOZZLE HOUSING BEARING	2
634	NOZZLE HOUSING BEARING CUP	2
635-TG	TEE HOUSING SEAL	2
636-TG	NOZZLE HOUSING SEAL	2
637-BE	CLUTCH "O" RING	1
639-E	611-3A "O" RING	3
640-E	613 "O" RING	1
641-3E	GEARBOX SCREW "O" RING	3
641-TG	ROTOR SHAFT SEAL	2
642-3E	GEARBOX STEM "O" RING	1
643-ATG	FINAL SHAFT SEAL	1
644-E	GEARBOX COVER "O" RING	1
662-E	660-D, 660-DX "O" RING	1

PART#	DESCRIPTION	QTY
104-ET	BEARING, CUPS & SEALS (EP)-Flow Thru	
631	TEE HOUSING BEARING	2
632	TEE HOUSING BEARING CUP	2
633	NOZZLE HOUSING BEARING	2
634	NOZZLE HOUSING BEARING CUP	2
635-TG	TEE HOUSING SEAL	2
636-TG	NOZZLE HOUSING SEAL	2
637-BE	CLUTCH "O" RING	1
639-E	611-3A "O" RING	1
640-E	613 "O" RING	1
641-3E	GEARBOX SCREW "O" RING	3
642-3E	GEARBOX STEM "O" RING	1
644-E	GEARBOX COVER "O" RING	1
662-E	660-D, 660-DX "O" RING	1
104-V	BEARING, CUPS & SEALS (VITON)	
631	TEE HOUSING BEARING	2
632	TEE HOUSING BEARING CUP	2
633	NOZZLE HOUSING BEARING	2
634	NOZZLE HOUSING BEARING CUP	2
635-TG	TEE HOUSING SEAL	2
636-TG	NOZZLE HOUSING SEAL	2
637-BV	CLUTCH "O" RING	1
639-V	611-3A "O" RING	3
640-V	613 "O" RING	1
641-3V	GEARBOX SCREW "O" RING	3
641-TG	ROTOR SHAFT SEAL	2
642-3V	GEARBOX STEM "O" RING	1
643-ATG	FINAL SHAFT SEAL	1
644-V	GEARBOX COVER "O" RING	1
662-V	660-D, 660-DX "O" RING	1
104-VT	BEARING, CUPS & SEALS (VITON) FLOW THRU	
631	TEE HOUSING BEARING	2
632	TEE HOUSING BEARING CUP	2
633	NOZZLE HOUSING BEARING	2
634	NOZZLE HOUSING BEARING CUP	2
635-TG	TEE HOUSING SEAL	2
636-TG	NOZZLE HOUSING SEAL	2
637-BV	CLUTCH "O" RING	1
639-V	611-3A "O" RING	1
640-V	613 "O" RING	1
641-3V	GEARBOX SCREW "O" RING	3
642-3V	GEARBOX STEM "O" RING	1
644-V	GEARBOX COVER "O" RING	1
662-V	660-D, 660-DX "O" RING	1
105	GEARBOX BEARING REPLACEMENT KIT (OILITE)	
626-A	ROTOR SHAFT THRUST BEARING	1
627	IDLER SHAFT UPPER BEARING	1
628	IDLER SHAFT LOWER BEARING	1
629-A	FINAL SHAFT UPPER BEARING	1
630	FINAL SHAFT LOWER BEARING	1
105-T	GEARBOX BEARING REPLACEMENT KIT (PTFE)	
626-AT	ROTOR SHAFT THRUST BEARING	1
627-T	IDLER SHAFT UPPER BEARING	1
628-T	IDLER SHAFT LOWER BEARING	1
629-AT	FINAL SHAFT UPPER BEARING	1
630-T	FINAL SHAFT LOWER BEARING	1
623-3T	IDLER GEAR BEARING (RULON)	5
107	TEE & NOZZLE HSG BEARING CUP KIT	
631	TEE HOUSING BEARING	2
632	TEE HOUSING BEARING CUP	2
633	NOZZLE HOUSING BEARING	2
634	NOZZLE HOUSING BEARING CUP	2

PART#	DESCRIPTION	QTY
1G-FT-G	BUSHINGS, BEARINGS, SEAL KIT (RULON)	
637-BV	CLUTCH "O" RING	1
639-V	611-3A "O" RING	1
640-V	613 "O" RING	1
641-3V	GEARBOX SCREW "O" RING	3
642-3V	GEARBOX STEM "O" RING	1
644-V	GEARBOX COVER "O" RING	1
662-V	660-D, 660-DX "O" RING	1
635-TG	TEE HOUSING SEAL	2
636-TG	NOZZLE HOUSING SEAL	2
623-W	CARBIDE THRUST WASHER	2
626-AT	ROTOR SHAFT THRUST BEARING (PTFE)	1
627-T	IDLER SHAFT UPPER BEARING (PTFE)	1
628-T	IDLER SHAFT LOWER BEARING (PTFE)	1
629-AT	FINAL SHAFT UPPER BEARING (PTFE)	1
630-T	FINAL SHAFT LOWER BEARING (PTFE)	1
631	TEE HOUSING BEARING	2
633-G	NOZZLE HOUSING BEARING	2
655-A	ROTOR SHAFT SPACER	1
623-3T	IDLER GEAR BUSHINGS: PTFE	5
103-SS	FASTENERS KIT (STAINLESS)	
619	BEVEL GEAR SNAP RING	1
621	RING GEAR RETAINING RING	1
645-3	STATOR RETAINING RING	1
646-AS	GEARBOX COVER SCREW 3/4"	2
647-S	LOCKWASHER	5
648-AS	NAMEPLATE SCREW 5/8"	2
650-3	GEARBOX BOLT	3
652-3	GEARBOX BOLT LOCKWASHER	3
654-S	ROTOR RETAINING NUT	1
104-D	BEARING, CUPS & SEALS (VITON) LUBE	
631	TEE HOUSING BEARING	2
632	TEE HOUSING BEARING CUP	2
633-D	NOZZLE HOUSING BEARING	2
634-D	NOZZLE HOUSING BEARING CUP	2
635-TG	TEE HOUSING SEAL	2
636-TG	NOZZLE HOUSING SEAL	2
639-V	611-3A "O" RING	3
640-V	613 "O" RING	1
641-3V	GEARBOX SCREW "O" RING	3
641-TG	ROTOR SHAFT SEAL	2
642-3V	GEARBOX STEM "O" RING	1
643-ATG	FINAL SHAFT SEAL	1
644-V	GEARBOX COVER "O" RING	1
662-V	660-D, 660-DX "O" RING	1
104-DT	BEARING, CUPS & SEALS (VITON) LUBE	
631	TEE HOUSING BEARING	2
632	TEE HOUSING BEARING CUP	2
633-D	NOZZLE HOUSING BEARING	2
634-D	NOZZLE HOUSING BEARING CUP	2
635-TG	TEE HOUSING SEAL	2
636-TG	NOZZLE HOUSING SEAL	2
639-V	611-3A "O" RING	3
640-V	613 "O" RING	1
641-3V	GEARBOX SCREW "O" RING	3
641-TG	ROTOR SHAFT SEAL	2
642-3V	GEARBOX STEM "O" RING	1
643-ATG	FINAL SHAFT SEAL	1
644-V	GEARBOX COVER "O" RING	1
662-V	660-D, 660-DX "O" RING	1

PART#	DESCRIPTION	QTY
1G-V	BUSHINGS, BEARINGS, SEAL KIT	
637-BV	CLUTCH "O" RING	1
639-V	611-3A "O" RING	3
640-V	613 "O" RING	1
641-3V	GEARBOX SCREW "O" RING	3
642-3V	GEARBOX STEM "O" RING	1
644-V	GEARBOX COVER "O" RING	1
662-V	660-D, 660-DX "O" RING	1
635-TG	TEE HOUSING SEAL	2
636-TG	NOZZLE HOUSING SEAL	2
641-TG	ROTOR SHAFT SEAL	2
643-ATG	FINAL SHAFT SEAL	1
623-W	CARBIDE THRUST WASHER	2
626-A	ROTOR SHAFT THRUST BEARING (OILITE)	1
627	IDLER SHAFT UPPER BEARING (OILITE)	1
628	IDLER SHAFT LOWER BEARING (OILITE)	1
629-A	FINAL SHAFT UPPER BEARING (OILITE)	1
630	FINAL SHAFT LOWER BEARING (OILITE)	1
631	TEE HOUSING BEARING	2
633	NOZZLE HOUSING BEARING	2
655-A	ROTOR SHAFT SPACER	1
1G-FT-V	BUSHINGS, BEARINGS, SEAL KIT	
637-BV	CLUTCH "O" RING	1
639-V	611-3A "O" RING	1
640-V	613 "O" RING	1
641-3V	GEARBOX SCREW "O" RING	3
642-3V	GEARBOX STEM "O" RING	1
644-V	GEARBOX COVER "O" RING	1
662-V	660-D, 660-DX "O" RING	1
635-TG	TEE HOUSING SEAL	2
636-TG	NOZZLE HOUSING SEAL	2
623-W	CARBIDE THRUST WASHER	2
626-AT	ROTOR SHAFT THRUST BEARING (PTFE)	1
627-T	IDLER SHAFT UPPER BEARING (PTFE)	1
628-T	IDLER SHAFT LOWER BEARING (PTFE)	1
629-AT	FINAL SHAFT UPPER BEARING (PTFE)	1
630-T	FINAL SHAFT LOWER BEARING (PTFE)	1
631	TEE HOUSING BEARING	2
633	NOZZLE HOUSING BEARING	2
655-A	ROTOR SHAFT SPACER	1
623-3T	IDLER GEAR BUSHINGS: PTFE	5
	("O" RING MATERIALS V-VITON OR E -ETHYLENE PROP.)	
	Standard for Flow Thru Clutch Drive with VITON SEALS and RULON BEARINGS	
1G-FT-E	BUSHINGS, BEARINGS, SEAL KIT	
637-BE	CLUTCH "O" RING	1
639-E	611-3A "O" RING	1
640-E	613 "O" RING	1
641-3E	GEARBOX SCREW "O" RING	3
642-3E	GEARBOX STEM "O" RING	1
644-E	GEARBOX COVER "O" RING	1
662-E	660-D, 660-DX "O" RING	1
635-TG	TEE HOUSING SEAL	2
636-TG	NOZZLE HOUSING SEAL	2
623-W	CARBIDE THRUST WASHER	2
626-AT	ROTOR SHAFT THRUST BEARING (PTFE)	1
627-T	IDLER SHAFT UPPER BEARING (PTFE)	1
628-T	IDLER SHAFT LOWER BEARING (PTFE)	1
629-AT	FINAL SHAFT UPPER BEARING (PTFE)	1
630-T	FINAL SHAFT LOWER BEARING (PTFE)	1
631	TEE HOUSING BEARING	2
633	NOZZLE HOUSING BEARING	2
655-A	ROTOR SHAFT SPACER	1
623-3T	IDLER GEAR BUSHINGS: PTFE	5

PART#	DESCRIPTION	QTY
104-DVT	BEARING, CUPS & SEALS (VITON) FLOW THRU	
631	TEE HOUSING BEARING	2
632	TEE HOUSING BEARING CUP	2
633-D	NOZZLE HOUSING BEARING	2
634-D	NOZZLE HOUSING BEARING CUP	2
635-TG	TEE HOUSING SEAL	2
636-TG	NOZZLE HOUSING SEAL	2
639-V	611-3A "O" RING	1
640-V	613 "O" RING	1
641-3V	GEARBOX SCREW "O" RING	3
642-3V	GEARBOX STEM "O" RING	1
644-V	GEARBOX COVER "O" RING	1
662-V	660-D, 660-DX "O" RING	1
104-DET	BEARING, CUPS & SEALS (EP) FLOW THRU	
631	TEE HOUSING BEARING	2
632	TEE HOUSING BEARING CUP	2
633-D	NOZZLE HOUSING BEARING	2
634-D	NOZZLE HOUSING BEARING CUP	2
635-TG	TEE HOUSING SEAL	2
636-TG	NOZZLE HOUSING SEAL	2
639-E	611-3A "O" RING	1
640-E	613 "O" RING	1
641-3E	GEARBOX SCREW "O" RING	3
642-3E	GEARBOX STEM "O" RING	1
644-E	GEARBOX COVER "O" RING	1
662-E	660-D, 660-DX "O" RING	1
ABCK360G-273-BROL	273:1 GEARSET-OILITE	
623-ASZ	IDLER GEAR	2
623-SS	IDLER GEAR	1
624-SS	FINAL SHAFT DRIVE GEAR	1
623-BS	IDLER GEAR	1
623-CS	IDLER GEAR	1
623-W	IDLER GEAR THRUST WASHER	2
ABCK360G-273-PTFE	273:1 GEARSET-PTFE	
623-ASTZ	IDLER GEAR	2
623-SST	IDLER GEAR	1
624-SS	FINAL SHAFT DRIVE GEAR	1
623-BST	IDLER GEAR	1
623-CST	IDLER GEAR	1
623-W	IDLER GEAR THRUST WASHER	2
ABCK360G-655-BROL	655:1 GEARSET-OILITE	
623-ASZ	IDLER GEAR	2
623-SS	IDLER GEAR	3
624-SS	FINAL SHAFT DRIVE GEAR	1
623-W	IDLER GEAR THRUST WASHER	2
ABCK360G-655-PTFE	655:1 GEARSET-PTFE	
623-ASTZ	IDLER GEAR	2
623-SST	IDLER GEAR	3
624-SS	FINAL SHAFT DRIVE GEAR	1
623-W	IDLER GEAR THRUST WASHER	2