

Char-Lynn® and White Motor Repair Kits

Contents

Char-Lynn® Seal Kits	1014
White RS Series	1015
• Motor Breakdown & Components	1015
White RE Series	1016
• Motor Breakdown & Components	1016
• 72 mm Bearing Motor Breakdown	1017
• 1.5" Bearing Motor Breakdown & Components	1018
• 1.5" Bearing Wheel Motor Breakdown & Components	1019
• 1.5" Bearing SAE "A" Style Flange Motor Breakdown & Components	1020
• 125 mm Bearing Motor Breakdown & Components	1021
• 12 Housing Brake Motor Breakdown & Components	1022
White DR Series	1023
• Motor Breakdown & Components	1023



CHAR-LYNN® SEAL KITS

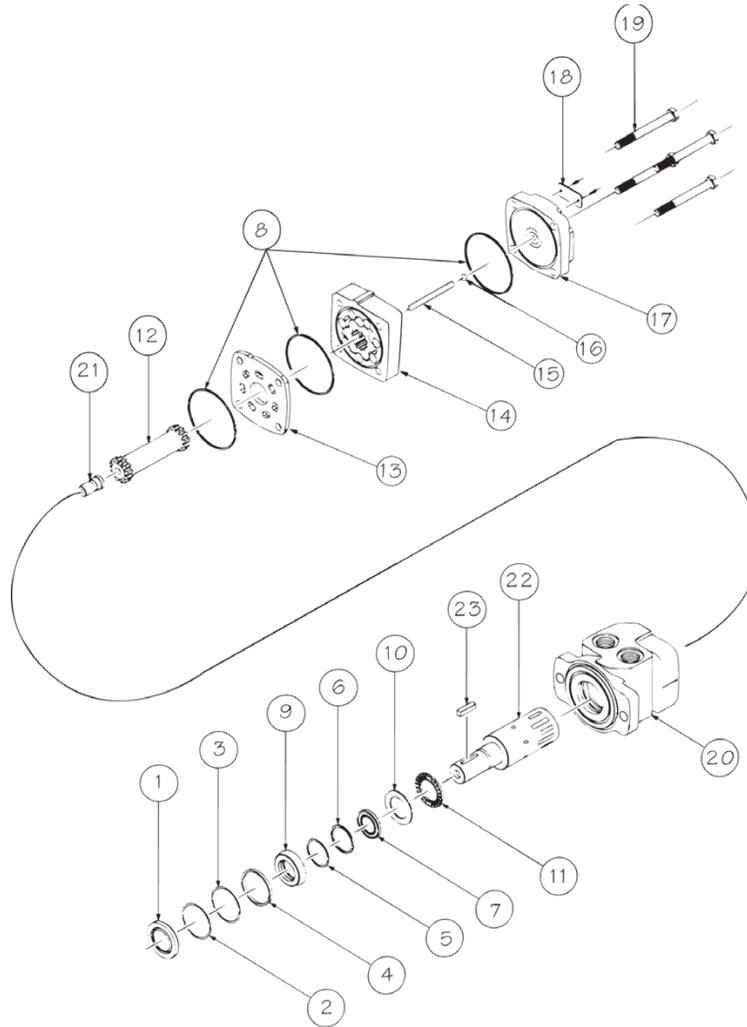
Char-lynn® Model Identification

XXX - XXX - XXX
 Product - Product - Engineering
 Line Identification Change Code

Kit Number	Series	Description	Model Number	List Price
CHR-6405	10,000 Note: The -002 and -003 bearingless motors use 4 seals while the -004 motor uses 3 seals. Note: This kit is not applicable to 10,000 series two speed motors.	Motor Seal Kit	119-XXXX-002;-003;-004 120-XXXX-002;-003;-004 121-XXXX-002;-003;-004	\$ 106.08
CHR-6406	10,000 Note: Applicable to 10,000 series two speed motors.	Shaft Seal Kit	119-XXXX-001;-002;-003;-004 120-XXXX-002;-003;-004	114.19
CHR-60023	H A	Buna N Seal Kit Buna N Seal Kit	121-XXXX-001;-002;-003;-004 101-XXXX-007 130-XXXX-001	78.91
CHR-60026	S	Buna N Seal Kit	103-XXXX-007	81.35
CHR-60036	H	Buna N Seal Kit	101-XXXX-005	61.84
CHR-60042	S	Buna N Seal Kit	103-XXXX-006	81.79
CHR-60533	S	Buna N Seal Kit	103-XXXX-008	75.93
CHR-60539	S	Buna N Seal Kit	103-XXXX-009;-010	96.15
CHR-60540	A H	Buna N Seal Kit Buna N Seal Kit	130-XXXX-002;-003 101-XXXX-008;-009	93.43
CHR-61104	6000	Shaft Seal Kit	112-XXXX-002;-003;-004 113-XXXX-002;-003;-004	159.28
CHR-61105	6000	Rear Motor Kit	112-XXXX-002;-003;-004 113-XXXX-002;-003;-004	58.28
CHR-61234	4000	Rear Motor Kit	109-XXXX-004; 110-XXXX-004	54.12
CHR-61236	4000	Shaft Seal Kit	109-XXXX-004; 110-XXXX-004	85.33
CHR-61237	6000	Shaft Seal Kit	112-XXXX-005; 113-XXXX-005	86.36
CHR-61238	6000	Rear Motor Kit	112-XXXX-005; 113-XXXX-005	77.70
CHR-61252	2000 Note: Not for 106- Bearingless motors.	Buna N Seal Kit	104-XXXX-003;-004;-005 105-XXXX-003;-004;-005	122.85
CHR-61258	2000	Buna N Seal Kit	104-XXXX-006; 105-XXXX-006	123.35
CHR-61259	2000 Note: Does not fit 106-XXXX-003;-004;-005 motors	Buna N Seal Kit	106-XXXX-006	59.86
CHR-64417	Steering unit with external shaft			47.67
CHR-64418	Steering unit with internal spline			82.05
CHR-64468	25	Buna N Seal Kit	251-XXXX-001;252-XXXX-001;253-XXXX-001	136.76

MOTOR REPAIR KITS

STANDARD RS SERIES MOTOR



MOTOR REPAIR KITS

STANDARD SEAL KITS

KIT #	DESCRIPTION	ITEMS	PRICE
WTE-200222001	PS-222001	1 - 10	\$ 71.61
WTE-200222002	PS-222002	1 - 8	50.94
WTE-200222003	PS-222003	9 - 10	46.10

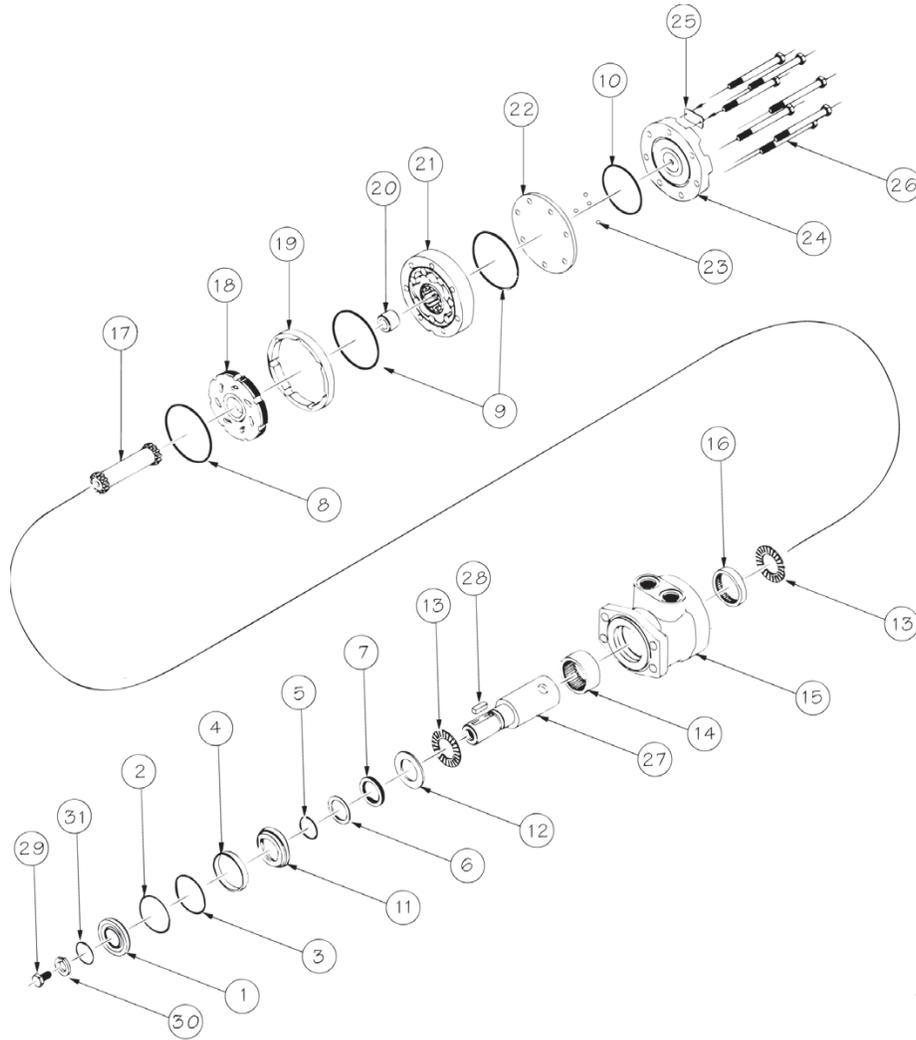
DESCRIPTION	EXPLODED VIEW ITEM #
DUST SEAL	1
SPLIT WIRE RING	2
METAL BACKUP SHIM	3
HIGH PRESSURE SEAL	4
METAL BACKUP SHIM	5
TEFLON BACKUP SHIM	6
SHAFT SEAL	7
BODY SEALS (3)	8
SEAL CARRIER	9
THRUST WASHER	10

HOUSING TYPES

DESCRIPTION
#01 4-HOLE W/ 1/2" NPT
#02 4-HOLE W/ 7/8" O-RING
#03 2-HOLE W/ 1/2" NPT
#04 2-HOLE W/ 7/8" O-RING
#05 4-HOLE W/ MANIFOLD PORTS
#06 2-HOLE W/ MANIFOLD PORTS
#07 2-HOLE W/ OFFSET 1/2" BSPF
#09 2-HOLE W/ OFFSET MNFLD. W/ 1/2" BSPF
#10 2-HOLE W/ALIGNED 1/2" BSPF
#11 6-HOLE W/ 7/8" O-RING
#12 4-HOLE W/ MILLED MANIFOLD
#13 2-HOLE W/ MILLED MANIFOLD
#14 6-HOLE W/ 1/2" NPT
#17 2-HOLE MLD. & SPTFCD. W/OFST. 1/2" BSPF

DESCRIPTION
#18 4-HOLE REAR MOUNT W/ 9/16 O-RING
#20 2-HOLE ALIGNED W/ 1/2" BSPF
#21 4-HOLE METRIC MOUNT W/ 1/2" BSPF
#25 4-HOLE METRIC MNT. W/ MANIFOLD PORTS
#26 2-HOLE METRIC MNT. W/ MANIFOLD PORTS
#27 2-HOLE W/OFFSET BSPF AND .200 PILOT
#29 2-HOLE W/OFFSET MNFLD. AND .200 PILOT
#30 2-HOLE W/OFFSET 7/8" O-RING & RLF. PORT
#32 4-HOLE W/OFFSET 7/8" O-RING & RLF. PORT
#34 2-HOLE W/ 7/8" O-RING
#37 2-HOLE W/ 1/2" BSPF W/ RLF PRT & .200 PLT.
#40 2-HOLE W/ALIGNED 1/2" BSPF & .200 PILOT
#46 2-HOLE W/METRIC MNFLD. MNT. & .200 PILOT

STANDARD RE SERIES MOTOR



MOTOR REPAIR KITS

STANDARD SEAL KITS

KIT #	DESCRIPTION	ITEMS	PRICE
WTE-500444001	PE-444001	1 - 12	\$ 97.38
WTE-500444002	PE-444002	1 - 10	60.35
WTE-500444003	PE-444003	11 - 12	62.95

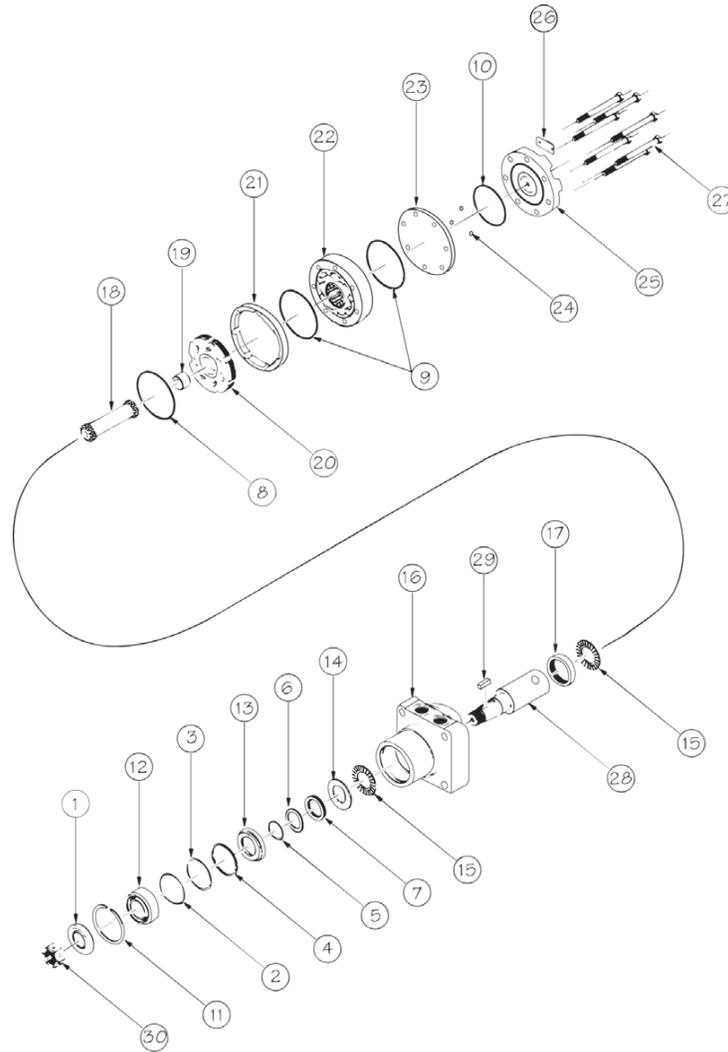
DESCRIPTION	EXPLODED VIEW ITEM #
DUST SEAL	1
SPLIT WIRE RING	2
METAL BACKUP SHIM	3
HIGH PRESSURE SEAL	4
METAL BACKUP SHIM	5
TEFLON BACKUP SHIM	6
SHAFT SEAL	7
REAR HOUSING SEAL	8
BODY SEALS (2)	9
ENDCOVER SEAL	10
SEAL CARRIER	11
THRUST WASHER	12

HOUSING TYPES

DESCRIPTION
#02 4-HOLE W/O PILOT & RS 4-HOLE BLT PTRN.
#05 SETBACK W/ 1/2" BSPF
#06 4-HOLE SAE "A" STYLE W/ 1/2" BSPF
#07 SETBACK W/ 7/8" O-RING
#08 4-HOLE SAE "A" STYLE W/ 7/8" O-RING
#11 SETBACK W/ BRAKE MOUNT W/ 7/8" O-RING
#16 2-HOLE SAE "A" STYLE W/ 7/8" O-RING
#17 2-HOLE SAE "A" STYLE W/ 1/2" BSPF

DESCRIPTION
#18 6-HOLE SAE "A" STYLE W/ 7/8" O-RING
#19 6-HOLE SAE "A" STYLE W/ 1/2" BSPF
#35 SETBACK W/RELIEF PRT W/ 1/2" BSPF
#36 4-HOLE SAE "A" W/RLF. PRT & 1/2" BSPF
#37 SETBACK W/RLF. PORT & 7/8" O-RING
#38 4-HOLE SAE "A" W/RLF. PRT & 7/8" O-RING
#48 6-HOLE SAE "A" W/RLF. PRT & 7/8" O-RING
#49 6-HOLE SAE "A" W/RLF. PRT & 1/2" BSPF

RE 72 MM BEARING MOTOR



STANDARD SEAL KITS

KIT #	DESCRIPTION	ITEMS	PRICE
WTE-500444001	PE-444001	1 - 12	\$ 97.38
WTE-500444002	PE-444002	1 - 10	60.35
WTE-500444003	PE-444003	11 - 12	62.95

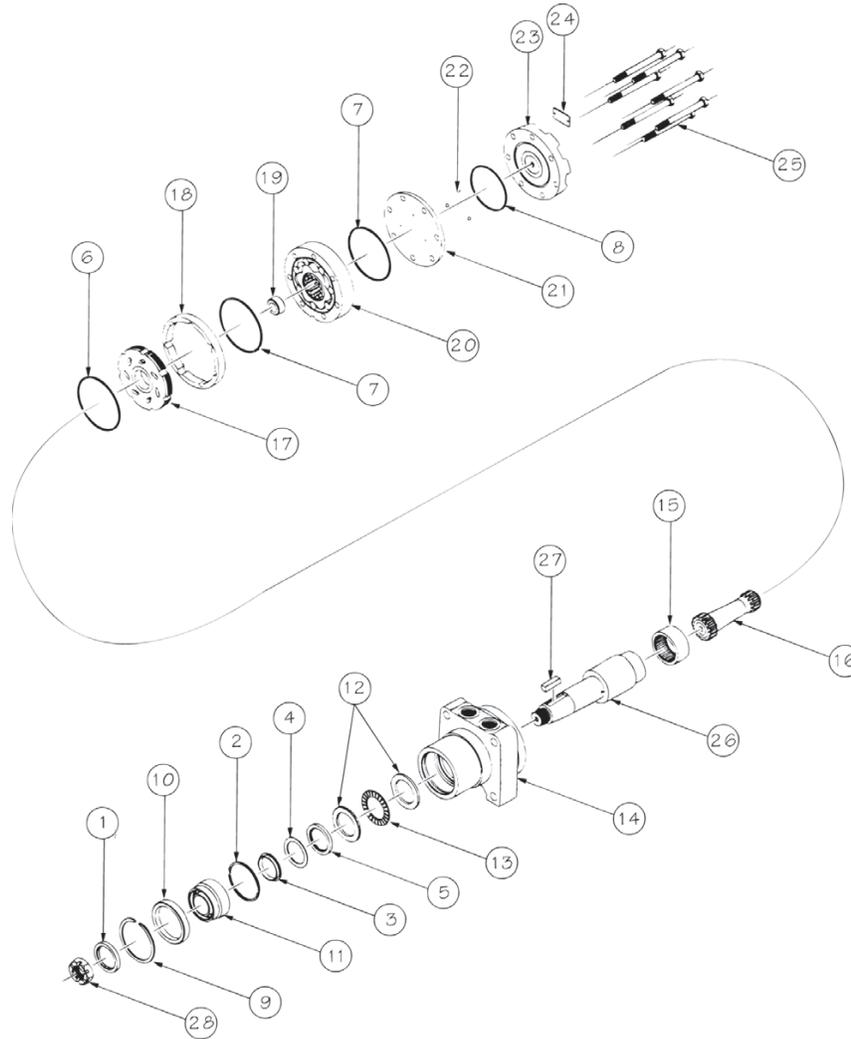
DESCRIPTION	EXPLODED VIEW ITEM #
DUST SEAL	1
SPLIT WIRE RING	2
METAL BACKUP SHIM	3
HIGH PRESSURE SEAL	4
METAL BACKUP SHIM	5
TEFLON BACKUP SHIM	6
SHAFT SEAL	7
REAR HOUSING SEAL	8
BODY SEALS (2)	9
ENDCOVER SEAL	10
SEAL CARRIER	11
THRUST WASHER	12

HOUSING TYPES

DESCRIPTION
#09 SETBACK W/ 7/8" O-RING
#14 SETBACK W/ 1/2" BSP.F
#15 SETBACK W/TURNED PILOT W/ 7/8" O-RING
#22 SETBACK W/"C" FRONT MNT. W/ 7/8" O-RING
#24 SETBACK W/"C" FRONT MNT. W/ 1/2" BSP.F
#39 SETBACK W/RELIEF PORT W/ 7/8" O-RING
#44 SETBACK W/RELIEF PORT W/ 1/2" BSP.F

MOTOR REPAIR KITS

RE 1.5" BEARING MOTOR



MOTOR REPAIR KITS

STANDARD SEAL KITS

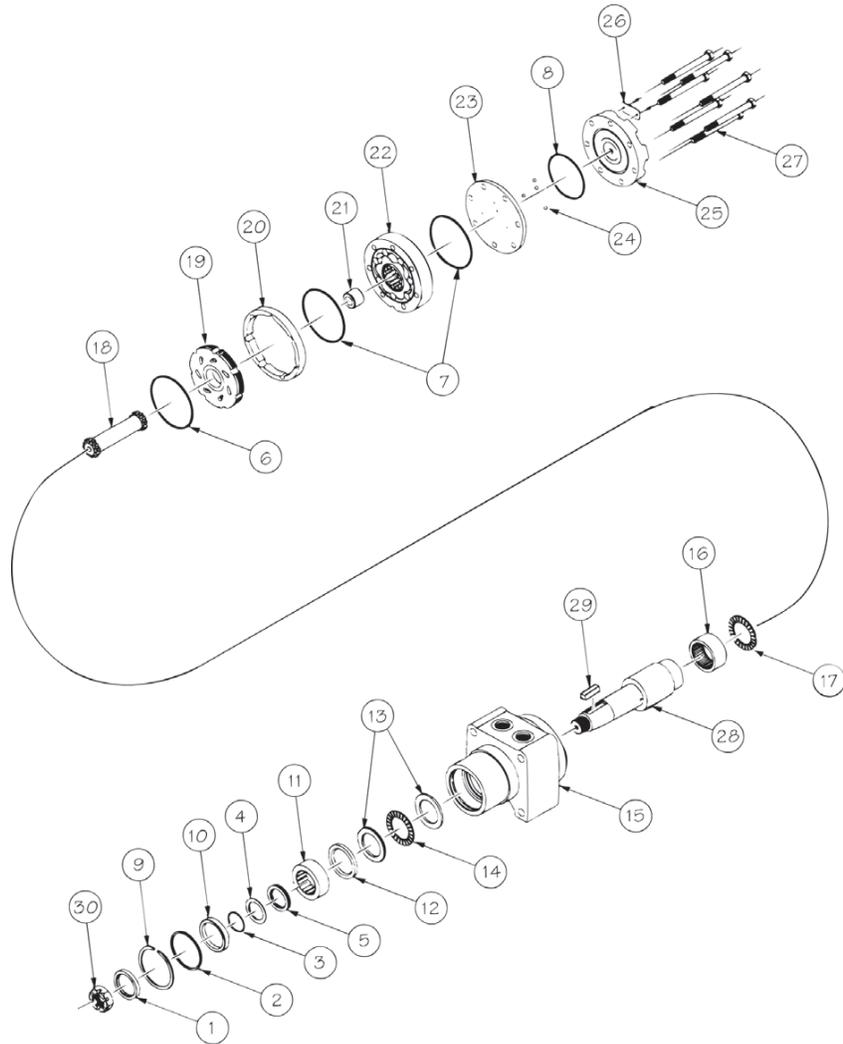
KIT #	DESCRIPTION	ITEMS	PRICE
WTE-700666000	PT-666000	1 - 8	\$ 69.42

DESCRIPTION	EXPLODED VIEW ITEM #
DUST SEAL	1
HIGH PRESSURE SEAL	2
METAL BACKUP SHIM	3
TEFLON BACKUP SEAL	4
SHAFT SEAL	5
REAR HOUSING SEAL	6
BODY SEALS (2)	7
ENDCOVER SEAL	8

HOUSING TYPES

DESCRIPTION
#20 SETBACK W/ 7/8" O-RING
#21 SETBACK W/ 1/2" BSP.F
#23 SETBACK W/ SAE "C" FRONT MOUNT W/ 7/8" O-RING
#25 SETBACK W/ SAE "C" FRONT MOUNT W/ 1/2" BSP.F
#50 SETBACK W/ RELIEF PORT AND 7/8" O-RING
#53 SETBACK W/ SAE "C" FRONT MOUNT W/RELIEF PORT & 7/8" O-RING

RE 1.5" BEARING WHEEL MOTOR



MOTOR REPAIR KITS

STANDARD SEAL KITS

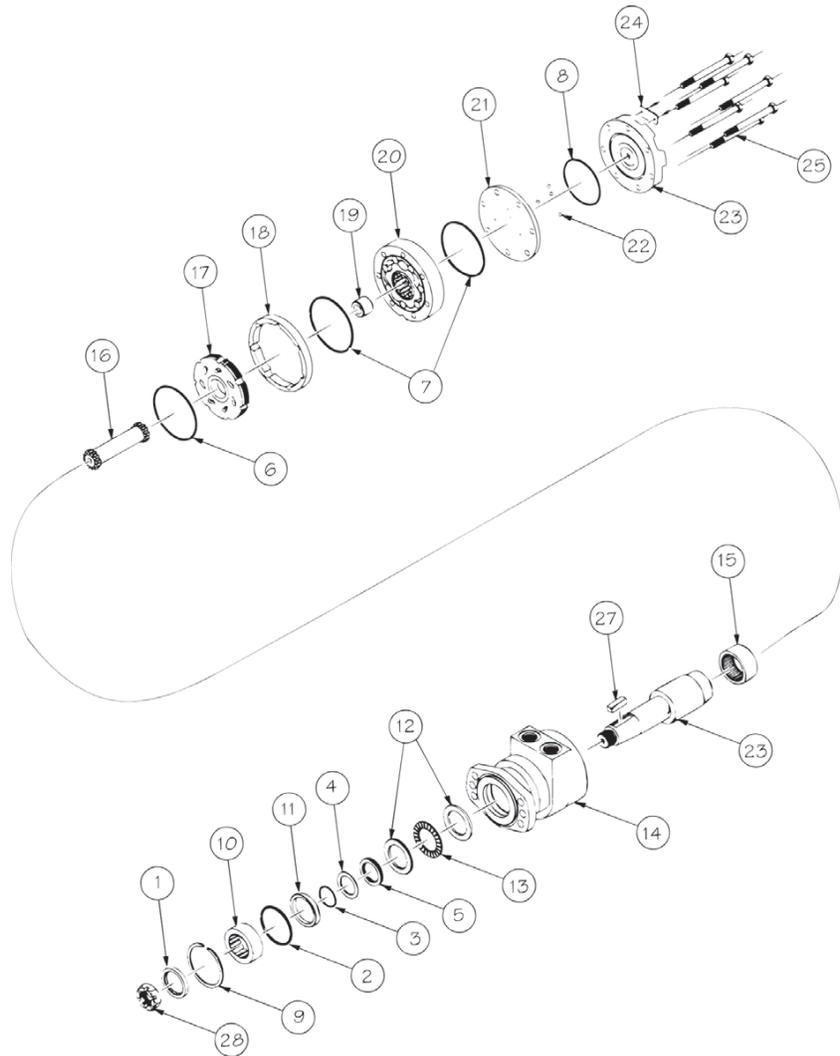
KIT #	DESCRIPTION	ITEMS	PRICE
WTE-700666000	PT-666000	1 - 8	\$ 69.42

DESCRIPTION	EXPLODED VIEW ITEM #
DUST SEAL	1
HIGH PRESSURE SEAL	2
METAL BACKUP SHIM	3
TEFLON BACKUP SEAL	4
SHAFT SEAL	5
REAR HOUSING SEAL	6
BODY SEALS (2)	7
ENDCOVER SEAL	8

HOUSING TYPES

DESCRIPTION
#67 WHEEL MOTOR W/ 7/8" O-RING PORTS

RE 1.5" BEARING SAE "A" STYLE FLANGE MOTOR



MOTOR REPAIR KITS

STANDARD SEAL KITS

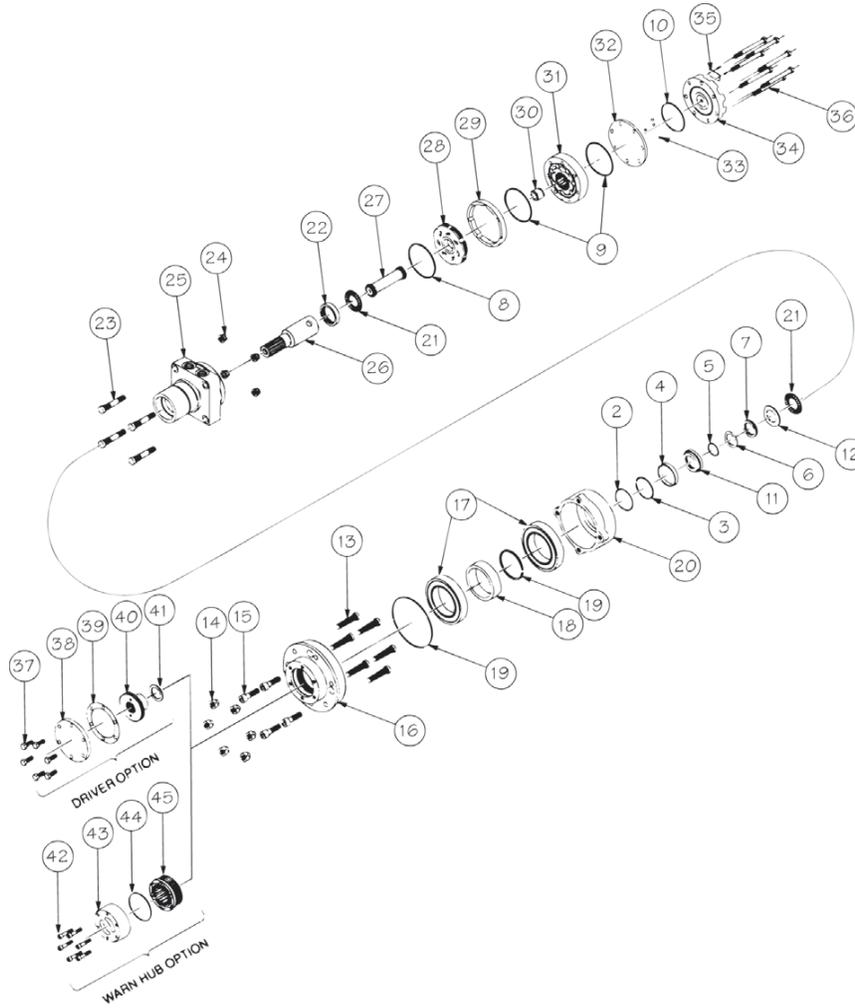
KIT #	DESCRIPTION	ITEMS	PRICE
WTE-700666000	PT-666000	1 - 8	\$ 69.42

DESCRIPTION	EXPLODED VIEW ITEM #
DUST SEAL	1
HIGH PRESSURE SEAL	2
METAL BACKUP SHIM	3
TEFLON BACKUP SHIM	4
SHAFT SEAL	5
REAR HOUSING SEAL	6
BODY SEALS (2)	7
ENDCOVER SEAL	8

HOUSING TYPES

DESCRIPTION
#62 6-HOLE SAE "A" STYLE FLANGE W/ 7/8" O-RING
#66 6-HOLE SAE "A" STYLE FLANGE W/ 1/2" BSP.F
#68 6-HOLE SAE "A" STYLE FLANGE W/ MNFLD. PORTS
#92 6-HOLE SAE "A" STYLE FLANGE W/ 7/8" O-RING & RLF. PRT.
#96 6-HOLE SAE "A" STYLE FLANGE W/ 1/2" BSP.F & RLF. PRT.

RE 125 MM BEARING MOTOR



MOTOR REPAIR KITS

STANDARD SEAL KITS

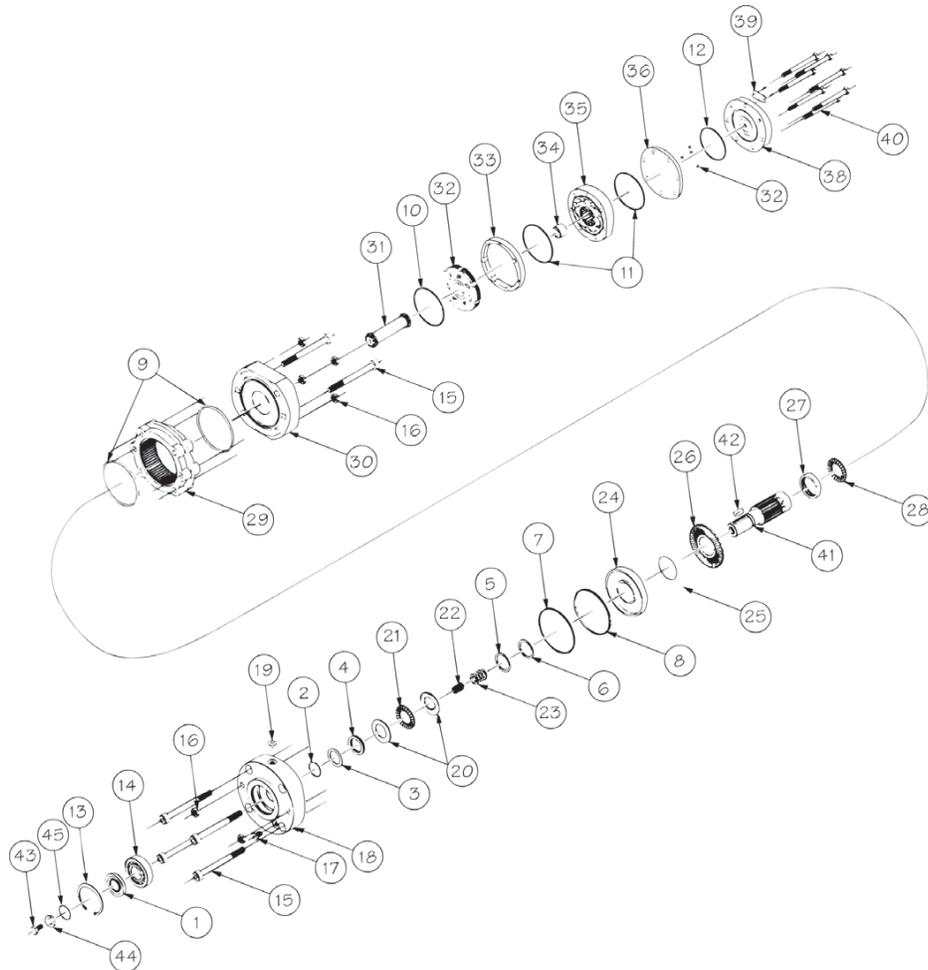
KIT #	DESCRIPTION	ITEMS	PRICE
WTE-500444125	PE-444125	1 - 10, 39	\$ 85.00
WTE-500444003	PE-444003	11 - 12	62.95

DESCRIPTION	EXPLODED VIEW ITEM #
FLANGE SEAL	1
WIRE RING	2
METAL BACKUP SHIM	3
HIGH PRESSURE SEAL	4
METAL BACKUP SHIM	5
TEFLON BACKUP SEAL	6
SHAFT SEAL	7
REAR HOUSING SEAL	8
BODY SEAL	9
ENDCOVER SEAL	10
PAPER GASKET	39
SEAL CARRIER	11
THRUST WASHER	12

HOUSING TYPES

DESCRIPTION
#10 SETBACK W/ 7/8" O-RING

RE 12 HOUSING BRAKE MOTOR



MOTOR REPAIR KITS

STANDARD SEAL KITS

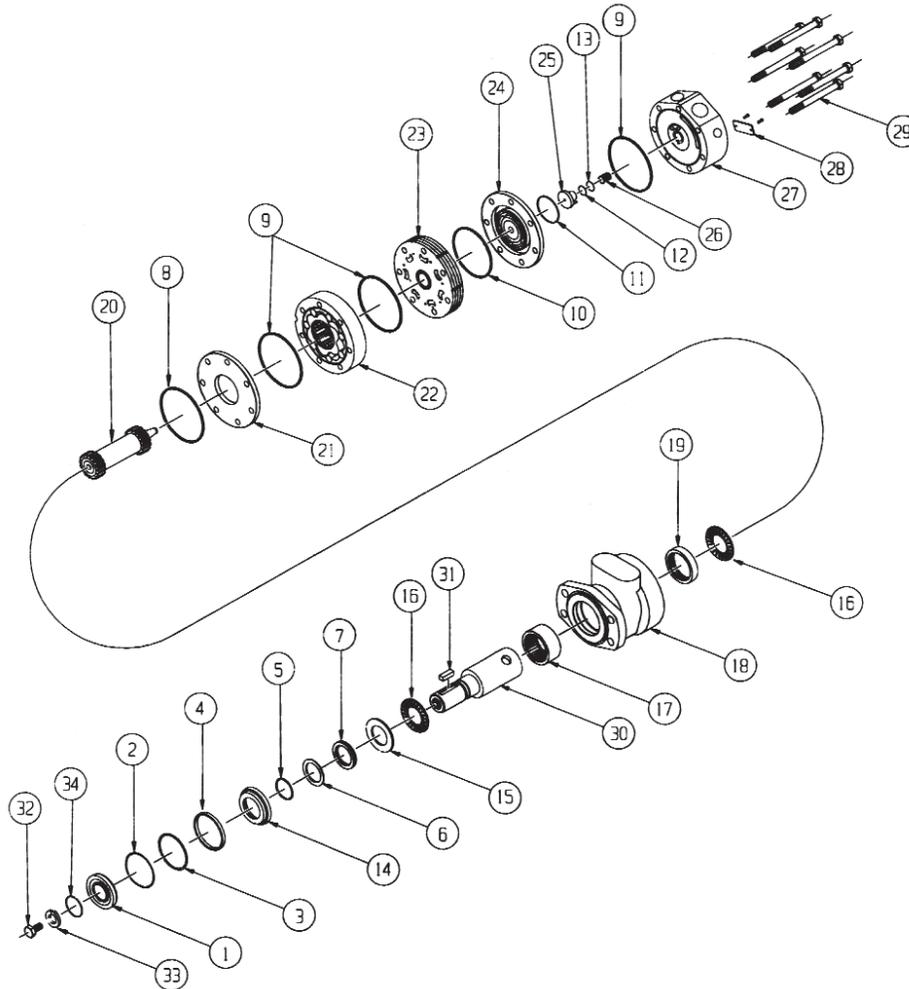
KIT #	DESCRIPTION	ITEMS	PRICE
WTE-500444500	PE-444500	1 - 12	\$ 139.47

DESCRIPTION	EXPLODED VIEW ITEM #
DUST SEAL	1
METAL BACKUP SHIM	2
TEFLON BACKUP SEAL	3
SHAFT SEAL	4
SMALL O-RING PISTON SEAL	5
SMALL TEFLON PISTON SEAL	6
LARGE O-RING PISTON SEAL	7
LARGE TEFLON PISTON SEAL	8
HOUSING SEALS (2)	9
REAR HOUSING SEAL	10
BODY SEALS (2)	11
ENDCOVER SEAL	12

HOUSING TYPES

DESCRIPTION
FRONT HOUSING SECTION (INCLUDES ITEMS #1, 13, 14 & 18)
CENTER HOUSING SECTION
REAR HOUSING SECTION (INCLUDES ITEMS #27 & 30)

STANDARD DR SERIES MOTOR



MOTOR REPAIR KITS

STANDARD SEAL KITS

KIT #	DESCRIPTION	ITEMS	PRICE
WTE-600555000	PR-555000	1 - 13	\$ 119.25
WTE-500444003	PE-444003	14 - 15	62.95

DESCRIPTION	EXPLODED VIEW ITEM #
DUST SEAL	1
SPLIT WEAR RING	2
METAL BACKUP SHIM	3
HIGH PRESSURE SEAL	4
METAL BACK UP SHIM	5
TEFLON BACKUP SEAL	6
SHAFT SEAL	7
REAR HOUSING SEAL	8
BODY SEALS (3)	9
MANIFOLD SEALS	10
COMMUTATOR SEAL	11
O-RING SEAL	12
TEFLON BACKUP SEAL	13
SEAL CARRIER	14
THRUST WASHER	15

HOUSING TYPES

DESCRIPTION
#07 SETBACK W/ 7/8" O-RING
#08-4-HOLES SAE "A" STYLE
#11-SETBACK W/BRAKE MOUNT
#16-2-HOLE SAE "A" STYLE
#18-6-HOLE SAE "A" STYLE