## K3LC

## PARTS LIST



PARTS LIST
HEAD STOCK UPSIDE (1)



HEAD STOCK UPSIDE (2)


HEAD STOCK UPSIDE (2) PARTS LIST

| NO. | PART NO. | DESCRIPTION | QTY |
| :---: | :---: | :---: | :---: |
| 3. | K3-V003-K0 | GEAR HOUSING | 1 |
| 4. | K2-V004-00 | FIXED CLUTCH BRACKET | 1 |
| 14. | K2-V014-00 | SOCKET CAP SCREW | 4 |
| 16. | K2-V016-K0 | VERT. TEE BOLTS | 3 |
| 17. | K2-V017-00 | STEEL WASHER | 3 |
| 18. | HN-7/16"NC | HEX. JAM NUT | 3 |
| 19. | K2-V019-00 | STUDS | 3 |
| 20. | K2-V020-00 | LOCK WASHER | 3 |
| 21. | $\mathrm{HN}-7 / 16^{\prime \prime} \mathrm{NC}$ | HEX. JAM NUT | 3 |
| 22. | OC-1/8"TP | OIL CAP | 2 |
| 100. | K2-V100-00 | SPINDLE BULL GEAR ASSEMBLY | 1 |
| 101. | K2-V101-00 | SPLINED GEAR HUB | 1 |
| 102. | K2-V102-00 | KEY | 1 |
| 103. | K2-V103-00 | TOOTH WASHER | 1 |
| 103-1. | K2-V103-10 | WASHER | 1 |
| 104. | K2-V104-00 | BEARING NUT | 1 |
| 105. | K2-V105-00 | BEARING SLEEVE | 1 |
| 106. | K2-V106-00 | BALL BEARING GEAR SLEEVE WASHER | 1 |
| 109. | 6908 ZZ | BALL BEARING | 2 |
| 110. | K2-V110-00 | BEARING SPACER | 1 |
| 111. | K2-V111-00 | BEARING SPACER | 1 |
| 112. | RS-62 | SNAP RING | 1 |
| 113. | K2-V113-00 | SPRING | 3 |
| 114. | K2-V114-00 | BULL GEAR PINION COUNTER SHAFT | 1 |
| 115. | KY-5x $5 \times 18 \mathrm{~L}$ | KEY | 1 |
| 116. | KY-5x $5 \times 12 \mathrm{~L}$ | KEY | 1 |
| 117. | K2-V117-00 | BULL GEAR PINION | 1 |
| 117-1. | SS-M8x8L | SOCKET SET SCREW | 1 |
| 118. | 6203 ZZ | BALL BEARING | 2 |
| 119. | K2-V119-00 | PULLEY | 1 |
| 120. | HN-5/8"NC | HEX. NUT | 1 |
| 120-1. | SS-M5x6L | SOCKET SET SCREW | 1 |
| 121. | K2-V121-00 | TIMING BELT | 1 |
| 122. | K2-V122-00 | BULL GEAR PINION BEARING CAP | 1 |
| 123. | SC-M5x15L | SOCKET CAP SCREW | 3 |
| 136. | K2-V136-00 | BULL GEAR SHIFT PINION | 1 |
| 137. | K2-V137-00 | HI-LOW DETENT PLATE |  |
| 139. | SC-M5x15L | SOCKET CAP SCREW | 2 |
| 139-1. | SS-M5 $\times 8 \mathrm{~L}$ | SOCKET SET SCREW | 1 |
| 140. | SC-M5x16L | SOCKET CAP SCREW | 2 |
| 141. | K2-V141-00 | HI - LOW PINION BLOCK | 1 |
| 142. | SP- $5 \times 16 \mathrm{~L}$ | SPRING PIN |  |
| 143. | K2-V143-00 | SPRING |  |
| 144. | K2-V144-00 | HI - LOW DETENT PLUNGER |  |
| 145. | K2-V145-00 | HI - LOW SHIFT CRANK |  |
| 146. | B B-1/4" | BRAKELITE BALL HANDLE | 1 |
| 161. | $\mathrm{OC}-1 / 8$ "TP | OIL CAP |  |



HEAD STOCK UPSIDE (3) PARTS LIST


HEAD STOCK INFRASTRUCTURE (1)


HEAD STOCK INFRASTRUCTURE (1) PARTS LIST

| NO. | PART NO. | DESCRIPTION | QTY |
| :---: | :---: | :---: | :---: |
| 1. | SC-M6x20L | SOCKET CAP SCREW | 4 |
| 2. |  | KEY | 1 |
| 3. | SS-M6x6L | SOCKET SET SCREW | 1 |
| 4. | $240 \mathrm{~L} \times 20$ | L TYPE BELT | 1 |
| 5. | C3-A032-00 | MOTOR BASE | 1 |
| 6. | WS-66 | SPRING WASHER | 1 |
| 7. | W F-6 6 | FLAT WASHER | 1 |
| 8. | SC-M6x70L | SOCKET CAP SCREW | 1 |
| 9. | K2-A 24700 | QUILL LOCK SLEEVE |  |
| 10. | K2-A 246-00 | QUILL LOCK BOLT | 1 |
| 11. | C3-A040-00 | QUILL HOUSING FRONT COVER | 1 |
| 12. | CF-6028-00 | SEAL CAP | 1 |
| 13. | C3-A012-00 | QUILL HOUSING | 1 |
| 14. | SC-M5x20L | SOCKET CAP SCREW | 2 |
| 15. | K2-A154-00 | WORM GEAR | 1 |
| 16. | KY-3×3×10L | KEY | 1 |
| 17. | K2-A156-00 | WORM GEAR SHAFT |  |
| 18. | K2-A156-A0 | WORM GEAR SHAFT SCREW | 1 |
| 19. | K2-A070-00 | HEX. NUT | 4 |
| 20. | K2-A266-00 | SPACER | 4 |
| 21. | K2-A069-00 | BUSHING | 2 |
| 22. | K2-A071-00 | 1/2"-T-BOLT | 4 |
| 23. | C3-A019-00 | FIXED BOLT |  |
| 24. | HN-7/16"-14NC | HEX. NUT | 1 |
| 25. | C3-A025-00 | PROTECTION PLATE | 1 |
| 26. | SF-M $4 \times 8 \mathrm{~L}$ | SOCKET FLAT COUNTERSUNK, | W 2 |
| 27. | C3-A046-00 | SHEET RUBBER | 1 |
| 28. | SC-M5x10L | SOCKET CAP SCREW | 2 |
| 29. | C3-A045-00 | QUILL CHIP GUARD | 1 |
| 30. | SR-M5x6L | ROUND HEAD SCREW | 2 |
| 31. |  | SERVO MOTOR | 1 |
| 32. | C3-A031-00 | GEAR 10T | 1 |
| 33. | SC-M8x 25 L | SOCKET CAP SCREW | 2 |
| 34. | W S-ø 8 | SPRING WASHER | 2 |
| 35. | W F-ø8 | FLAT WASHER | 2 |
| 36. | C3-A033.00 | SHEET RUBBER | 1 |

HEAD STOCK INFRASTRUCTURE (2)


HEAD STOCK INFRASTRUCIURE (2) PARTS LIST

| NO. | PART NO. | DESCRIPTION | QTY |
| :---: | :---: | :---: | :---: |
| 1. | C3-A035-00 | SCREW BUSHING | 3 |
| 2. | V-105-1A5 | LIMIT SWITCH | 2 |
| 3. | SR-M3x20L | ROUND HEAD SCREW | 3 |
| 4. | SR-M3x15L | ROUND HEAD SCREW | 2 |
| 5. | C3-A036-00 | SCREW BUSHING | 1 |
| 6. | SR-M3x25L | ROUND HEAD SCREW | 1 |
| 7. | SC-M6x25L | SOCKET CAP SCREW | 4 |
| 8. | C3-A021-00 | 20 T BELT GEAR | 1 |
| 9. | C3-A015-00 | BEARING HOUSING | 1 |
| 10. | 7203 B | BALL BEARING | 2 |
| 11. | C3-A017-00 | BEARING CAP | 1 |
| 12. | SC-M5x16L | SOCKET CAP SCREW | 7 |
| 13. | C3-A 068 -10 | BALL SCREW (INCH) | 1 |
|  | C3-A $068-\mathrm{M} 0$ | BALL SCREW (METRIC) | 1 |
| 14. | C3-A065-00 | BRACKET | 1 |
| 15. | $\mathrm{SC}-3 / 8^{\prime \prime} \times 3 / 4^{\prime \prime} 24 \mathrm{UNF}$ | SOCKET CAP SCREW | 2 |
| 16. | $\mathrm{V}-106-1 \mathrm{~A} 5$ | LIMIT SWITCH | 1 |
| 17. | C3-A014-00 | HEX. NUT | 2 |
| 18. | SR-30 | SNAP RING | 1 |
| 19. | SS-M8x8L | SOCKET SET SCREW | 1 |
| 20. | K2-A114-H2 | PRESSURE WASHER | 1 |
| 21. | KY-6x $6 \times 25 \mathrm{~L}$ | KEY | 1 |
| 22. | 6301 ZZ | BALL BEARING | 4 |
| 23. | SR-12 | SNAP RING | 1 |
| 24. | C3-A109-00 | QUILL | 1 |
| 25. | SS-M5x6L | SOCKET CAP SCREW | 1 |
| 26. | 6206 ZZ | BALL BEARING | 1 |
| 27. | K2-A114-00 | LOCK NUT | 1 |
| 28. | 7207 B | BALL BEARING | 2 |
| 29. | K2-A107-00 | BUSHING | 1 |
| 30. | K2-A106-00 | BUSHING | 1 |
| 31. | $\mathrm{SC}-5 / 16^{\prime \prime} \times 5 / 8^{\prime \prime}$ | SOCKET CAP SCREW | 2 |
| 32. | K2-A110-A0 | LOCK BLOCK | 2 |
| 33. | C3-A110-00 | SPINDLE 30\# | 1 |
| 34. | K2-A102-00 | \# 7207 NOSE-PIECE | 1 |
| 35. | K2-A103-00 | LOCK WASHER | 1 |
| 36. | SC-M $5 \times 12 \mathrm{~L}$ | SOCKET CAP SCREW | 2 |
| 37. | C3-A174-00 | BEARING CAP | 1 |
| 38. | 6203 ZZ | BALL BEARING | 2 |
| 39. | C3-A182-01 | QUILL PINION SHAFT | 1 |
| 40. | SR-17 | SNAP RING | 1 |
| 41. | KY $-3 \times 3 \times 18 \mathrm{~L}$ | KEY | 1 |
| 42. | K2-A.182-A0 | PIN | , |
| 43. | SS -5/16"x5/16"L | SOCKET SET SCREW | 1 |
| 44. | K2-A170-A0 | SPRING | 1 |
| 45. | BS- 5 | STEEL BALL | 1 |
| 46. | K2-A167-00 | PINION SHAFT HUB SCREW | 1 |
| 47. | B B-3/8" | BLACK PLASTIC BALL HANDLE | 1 |
| 48. | K2-A165-00 | PINION SHAFT HUB HANDLE | 1 |
| 49. | K2-A166-00 | PINION SHAFT HUB | 1 |
| 50. | K2-A171-00 | POLL PIN | 1 |
| 51. | K2-A168-00 | PINION SHAFT HUB SLEEVE | 1 |



## COLUMN ASSEMBLY PARTS LIST





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TABLE, SADDLE ASSEMBLY PARTS LIST

| NO. | PART NO. | DESCRIPTION | QTY |
| :---: | :---: | :---: | :---: |
| 1. | SR-M5x6L | ROUND HEAD SCREW | 4 |
| 2. | SC-M8×50L | SOCKET CAP SCREW | 8 |
| 3. | W S- 88 | SPRING WASHER | 8 |
| 4. | SC-M8×25L | SOCKET CAP SCREW | 4 |
| 5. |  | SERVO MOTOR | 1 |
| 6. |  | KEY | 1 |
| 7. | SS-M6x6L | SOCKET SET SCREW | 1 |
| 8. | B 3-X008-S 0 | HTD GEAR 24T | 1 |
| 9. | SC-M6x10L | SOCKET CAP SCREW | 6 |
| 10. | B6-X019-00 | DOG | 1 |
| 11. | HN-M6 | NUT | 2 |
| 12. | C3-X020-00 | LIMIT SWITCH COVER | 1 |
| 13. | K2-C041-00 | GIB ADJ-SCREW | 8 |
| 14. | L3-C043-00 | TABLE/SADDLE GIB | 1 |
| 15. | L3-C138-B0 | TURCITE | 1 |
| 16. | L3-C049-B0 | GIB | 3 |
| 17. | L3-C044-B0 | WIPPER | 2 |
| 18. | L3-C050-B0 | WIPER HOLDER | 2 |
| 19. | SR-M6x12L | ROUND HEAD SCREW | 10 |
| 20. | SC-M10x55L | SOCKET CAP SCREW | 8 |
| 21. | L3-C115-00 | SLIDING RAIL | 1 |
| 22. | SC-M8x12L | SOCKET CAP SCREW | 2 |
| 23. | WF-ø8 | FLAT WASHER | $2^{-1}$ |
| 24. | B3-X015-00 | LIMIT SWITCH BASE | 1 |
| 25. | L3-C139-B0 | TURCITE | 1 |
| 26. | L3-C136-40 | TURCITE | 1 |
| 27. | L3-C116-00 | SLIDING RAIL | 1 |
| 28. | L3-C052-B4 | SADDLE | 1 |
| 29. | L3-C137-40 | TURCITE | 1 |
| 30. | SC-M5x8L | SOCKET CAP SCREW | 8 |
| 31. | C3-X037-00 | COVER | 1 |
| 32. | B6-X016-A0 | DOG | 1 |
| 33. | C3-X038-00 | COVER | 1 |
| 34. | EC-1/2"x5/8" | $90^{\circ}$ ELBOR MALE STUD | 2 |
| 35. | SC-M6x25L | SOCKET CAP SCREW | 2 |
| 36. | B3-X040-00 | STRAINER | 2 |
| 37. | SC-M5x12L | SOCKET CAP SCREW | 2 |
| 38. | L3-C023-00 | TABLE | 1 |
| 39. | B6-X016-00 | DOG | 1 |
| 40. | K2-D029-00 | CHOCK PLUG | 6 |
| 41. | B3-X004-00 | MOTOR BASE | 1 |
| 42. | B 3-X025-00 | MOTOR PLATE | 1 |
| 43. | B3-X007-00 | MOTOR COVER | 1 |



| NO. | PART NO. | DESCRIPTION | QTY |
| :---: | :---: | :---: | :---: |
| 1. | HN-5/8"-UNF | NUT | 5 |
| 2. | WS-ø5/8" | SPRING WASHER | 2 |
| 3. | $375-5 \mathrm{Mx} 22$ | HTD BELT | 1 |
| 4. | SC-M6x20L | SOCKET CAP SCREW | 18 |
| 5. | B3-X017-M0 | X AXIS BALL SCREW | 1 |
| 6. | TP-\#4×38L | TAPER PIN | 8 |
| 7. | SC-M10×35L | SOCKET CAP SCREW | 4 |
| 8. | K2-D022-A.0 | FEED NUT BRACKET | 1 |
| 9. | WF-ø5/8" | FLAT WASHER | 1 |
| 10. | B3-X031-00 | LOCK BLOCK | 1 |
| 11. | B3-X030-01 | HTD GEAR 48T | 1 |
| 12. | B3-X026-00 | SPACER | 1 |
| 13. | C3-C090-00 | BEARING CAP | 2 |
| 14. | $20 \mathrm{TAA04DB}$ | BALL BEARING | 4 |
| 15. | B4-X005-00 | BRACKET | 1 |
| 16. | WS-ø6 | SPRING WASHER | 12 |
| 17. | KY $-3 \times 3 \times 25 \mathrm{~L}$ | KEY | 2 |
| 18. | B6-X042-00 | HANDLE WHEEL | 2 |
| 19. | B3-Y041-00 | BUSHING | 1 |
| 20. | B3-Y000-M0 | Y AXIS BALL BEARING | 1 |
| 21. | K2-D018-00 | WASHER | 2 |
| 22. | SC-M10x20L | SOCKET CAP SCREW | 8 |
| 23. | K2-D028-00 | BRACKET | . |
| 24. | B3-Y030-00 | HTD GEAR 48T | 1 |
| 25. | TP-\# $4 \times 45 \mathrm{~L}$ | TAPER PIN | 1 |
| 26. | B6-X043-00 | HANDLE | 2 |
| 27. | SR-M5x6L | ROUND HEAD SCREW | 4. |
| 28. | C3-Y022-00 | PROTECTION PLATE | 1 |
| 29. | SC-M8x 20 L | SOCKET CAP SCREW | 8 |
| 30. | WF-ø8 | FLAT WASHER | 1 |
| 31. | WS-66 | SPRING WASHER | 4 |
| 32. | C3-Y019-00 | MOTOR BASE FIXED PLATE | 1 |
| 33. | C3-Y015-00 | MOTOR BASE | 1 |
| 34. | B3-X008-S0 | HTD GEAR 24T | 1 |
| 35. | SS-M6x6L | SOCKET SET SCREW | 1 |
| 36. | 475-5Mx22 | HTD BELT | 1 |
| 37. |  | KEY | 1 |
| 38. |  | SERVO MOTOR | 1 |
| 39. | K2-D011-00 | BRACKET | 1 |
| 40. | SC-M10x25L | SOCKET CAP SCREW | 4 |
| 41. | KY $-6 \times 6 \times 20 \mathrm{~L}$ | KEY. | 1 |
| 42. | B3-X041-00 | BUSHING | 1 |
| 43. | 6204 ZZ | BALL BEARING | 1 |


[^0]:    SOCKET SET SCREW

