HOBART

# CATALOG OF REPLACEMENT PARTS

## 1612 & 1712 Slicers 1612 - ML 19515, ML 38778, ML 38883, ML 103096 1712 ML 19525, ML 38779, ML 38884 1712R ML 19526, ML 38781, ML 38781, ML 38886, ML 38887

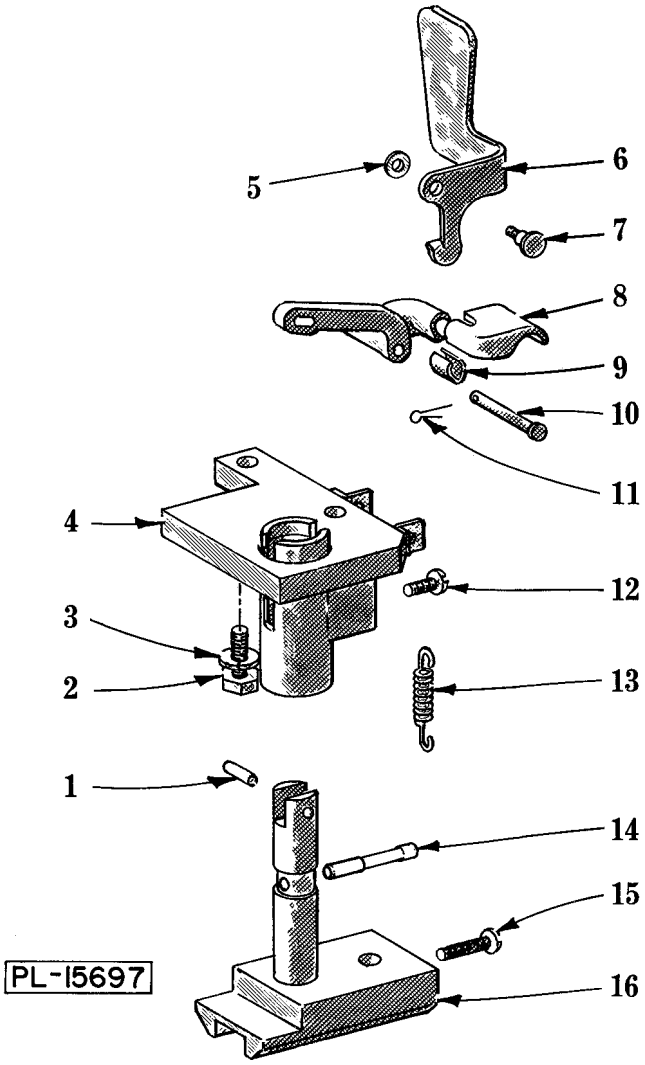
A product of HOBART 701 S. RIDGE AVENUE TROY, OHIO 45374-0001

FORM 16935 Rev. B (August 2019)

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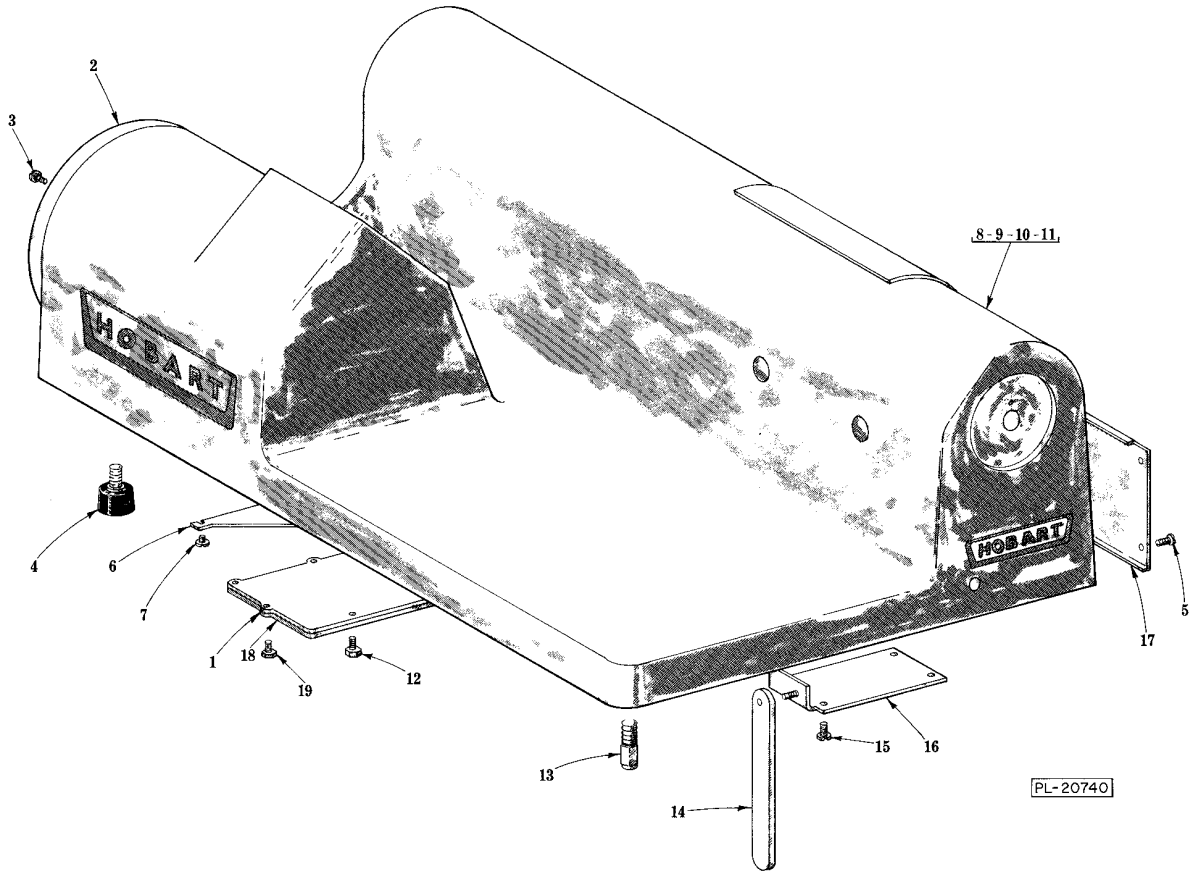

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**1712/1712R ACTUATING MECH. UNIT**

## 1712/1712R ACTUATING MECH. UNIT

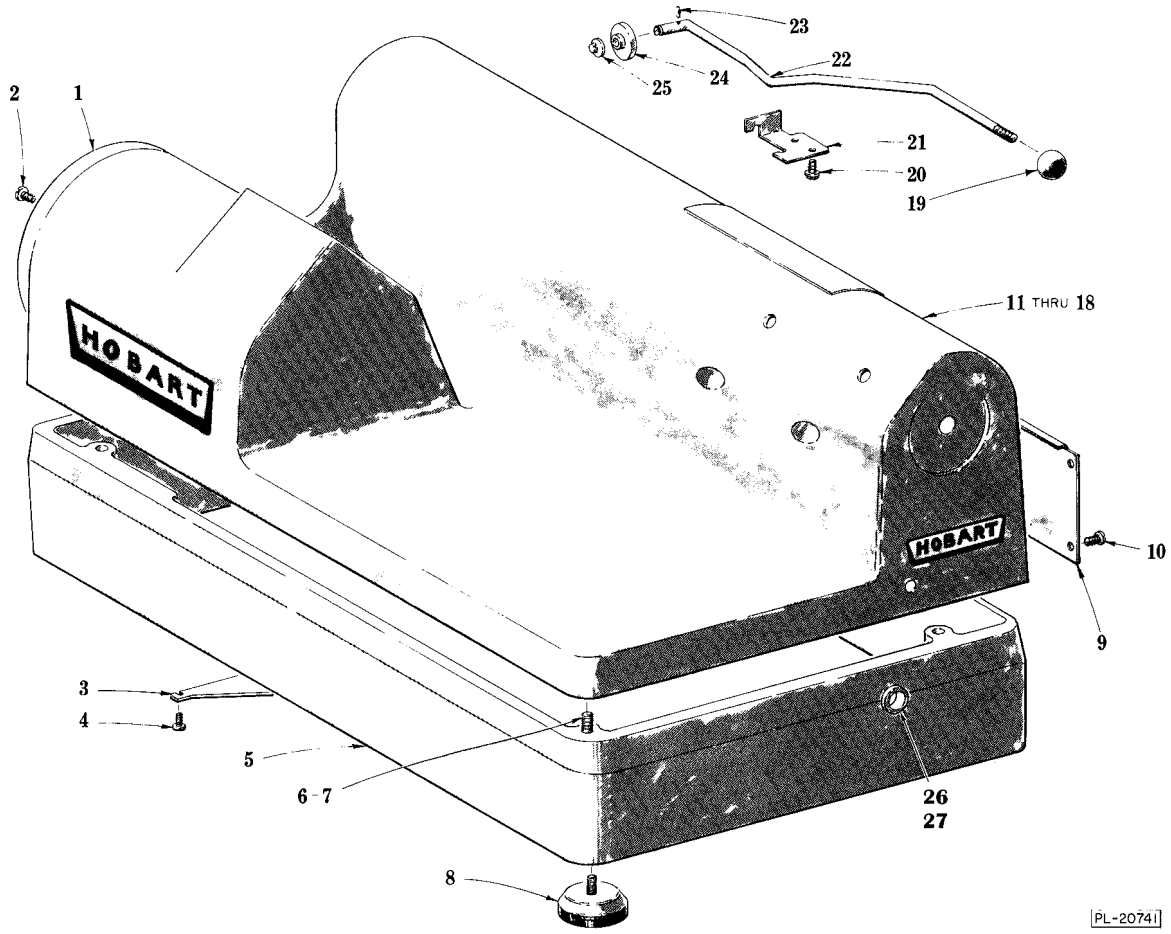
| ILLUS. PL-15697 | PART NO. | NAME OF PART | AMT. |
|---|---|---|---|
| 1 | 11800-137 | Dowel | 1 |
| 2 | SC-62-81 | Cap Screw 5/16-18 x 7/8 Hex Hd | 2 |
| 3 | WL-3-44 | Lock Washer 5/16 Medium | 2 |
| 4 | 83424 | Base and Brg. Assy | 1 |
| 5 | WS-2-43 | Washer | 1 |
| 6 | 70240 | Clip - Locking | 1 |
| 7 | 70351 | Screw - Special | 1 |
| 8 | 70233-2 | Lever - Actuating Mech | 1 |
| 9 | 70245 | Clip - Lever Wear | 1 |
| 10 | 70297 | Pin - Hinge | 1 |
| 11 | PC-3-23 | Cotter Pin 1/16 X 1/2 | 1 |
| 12 | SC-60-21 | Mach. Screw 10-24 x 1/4 Rd. Hd | 1 |
| 13 | 70399 | Spring - Actuating Mech | 1 |
| 14 | 118161 | Dowel - Yoke & Shaft Locating | 1 |
| 15 | SC-60-20 | Mach. Screw 10-24 x 1 Rd. Hd | 1 |
| 16 | 70266 | Yoke & Shaft Assy | 1 |




## 1612 BASE UNIT

## 1612 BASE UNIT

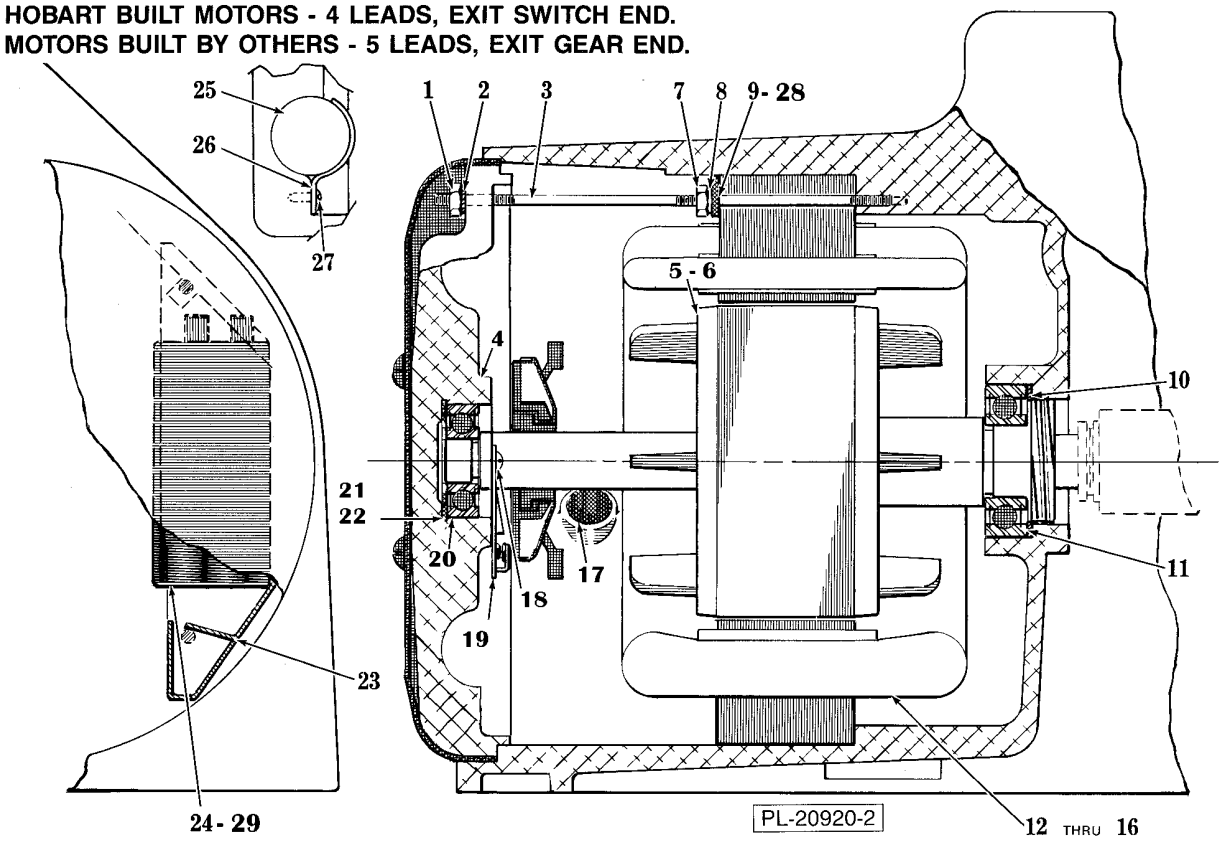
| ILLUS. PL-20740 | PART NO. | NAME OF PART | AMT. |
|---|---|---|---|
| 1 | 117710 | Gasket - Gear Case Cover | 1 |
| 2 | 70238 | Cover - Bearing Bracket | 1 |
| 3 | SD-24-19 | Self-Tapping Screw 8-32 x 3/8 Truss Hd. "Taptite" | 2 |
| 4 | 18682-1 | Foot | 3 |
| 5 | SC-10-32 | Mach. Screw 8-32 x 3/8 Truss Hd | 4 |
| 6 | 123452 | Cover - Junction Box | 1 |
| 7 | SD-024-13 | Self-Tapping Screw 8-32 x 3/8 Pan Hd. "Taptite" | 3 |
| 8 | 123800-5 | Base & Name Plate Assy. (60 Hz.) (Hobart Built Motors) | 1 |
| 9 | 123800-6 | Base & Name Plate Assy. (50 Hz.) (Hobart Built Motors) | 1 |
| 10 | 123800-9 | Base & Name Plate Assy. (60 Hz.) (Non-Hobart Built Motors) | 1 |
| 11 | 123800-10 | Base & Name Plate Assy. (50 Hz.) (Non-Hobart Built Motors) | 1 |
| 12 | SD-24-5 | Self-Tapping Screw Screw 5/16-18 x 5/8 Hex Hd. "Taptite" | 2 |
| 13 | 70412 | Foot - Helper | 1 |
| 14 | 103972 | Leg - Cleaning | 1 |
| 15 | SD-024-13 | Self-Tapping Screw 8-32 x 3/8 Pan Hd. "Taptite" | 4 |
| 16 | 114124 | Switch Box Cover & Leg Assy. (Incls. item 14) | 1 |
| 17 | 84067 | Panel - Side | 1 |
| 18 | 116670 | Cover - Gear Case | 1 |
| 19 | SD-24-4 | Self-Tapping Screw 10-24 x 5/8 Hex Hd. "Taptite" | 5 |




**1712/1712R BASE UNIT**

## 1712/1712R BASE UNIT

| ILLUS. PL-20741 | PART NO. | NAME OF PART | AMT. |
|---|---|---|---|
| 1 | 70238 | Cover - Bearing Bracket | 1 |
| 2 | SD-24-19 | Self-Tapping Screw 8-32 x 3/8 Truss Hd., Type TT | 2 |
| 3 | 123452 | Cover - Junction Box | 1 |
| 4 | SD-024-13 | Self-Tapping Screw 8-32 x 3/8 Pan Hd., Type TT | 3 |
| 5 | 290038-1 | NLA - Obsolete--Sub-Base & Bushing Assy. (Incls. items 6, 26 & 27) | 1 |
| 6 | SC-62-81 | Cap Screw 5/16-18 x 3/4 Hex Hd | 4 |
| 7 | WL-3-44 | Lock Washer 5/16 Medium | 4 |
| 8 | 83681 | Foot | 4 |
| 9 | 84067 | Panel - Side | 1 |
| 10 | SC-10-32 | Mach. Screw 8-32 x 3/8 Truss Hd | 4 |
| 11 | 123800-5 | Base & Name Plate Assy. (60 Hz.) (1712) (Hobart Built Motors) | 1 |
| 12 | 123802-5 | Base & Name Plate Assy. (60 Hz.) (1712R) (Hobart Built Motors) | 1 |
| 13 | 123800-6 | Base & Name Plate Assy. (50 Hz.) (1712) (Hobart Built Motors) | 1 |
| 14 | 123802-6 | Base & Name Plate Assy. (50 Hz.) (1712R) (Hobart Built Motors) | 1 |
| 15 | 123800-9 | Base & Name Plate Assy. (60 Hz.) (1712) (Non-Hobart Built Motors) | 1 |
| 16 | 123802-9 | Base & Name Plate Assy. (60 Hz.) (1712R) (Non-Hobart Built Motors) | 1 |
| 17 | 123800-10 | Base & Name Plate Assy. (50 Hz.) (1712) (Non-Hobart Built Motors) | 1 |
| 18 | 123802-10 | Base & Name Plate Assy. (50 Hz.) (1712R) (Non-Hobart Built Motors) | 1 |
| 19 | 106503 | Knob - Lifting Lever | 1 |
| 20 | SD-9-16 | Self-Tapping Screw 1/4-20 x 3/4 Hex Hd., Type F | 2 |
| 21 | 121920 | NLA - Obsolete--Retainer - Lifting Lever | 1 |
| 22 | 106504 | Lever - Lifting | 1 |
| 23 | RP-3-19 | Rollpin 1/16 Dia. x 5/8 Lg | 1 |
| 24 | 108001 | Foot - Lifting Lever | 1 |
| 25 | 106502 | Push Nut | 1 |
| 26 | 290063 | Bushing - Shifter Sleeve | 1 |
| 27 | RR-10-13 | Retaining Ring | 1 |
| | 106505 | NLA - Obsolete--Lever & Foot Assy. (Incls. items 19, 22, 23, 24 & 25) | 1 |




**MOTOR PARTS**
**(WITH ROTATING ACTUATOR START SWITCH)**

# MOTOR PARTS
# (WITH ROTATING ACTUATOR START SWITCH)

| ILLUS. PL-20920-2 | PART NO. | NAME OF PART | AMT. |
|---|---|---|---|
| 1 | NS-9-12 | Mach. Nut 8-32 Hex | 4 |
| 2 | WL-7-6 | Lock Washer 8 Ext. Shakeproof | 4 |
| 3 | 120048 | Stud - Stator | 4 |
| 4 | 110293 | Bracket - Bearing | 1 |
| *5 | | Rotor Assy 60Hz | AR |
| **6 | | Rotor Assy 50Hz | AR |
| 7 | NS-9-12 | Mach. Nut 8-32 Hex | 4 |
| 8 | WS-2-15 | | 4 |
| 9 | 113655 | Retainer - Stator (Motors Built by Hobart) | 4 |
| 10 | 70422 | Washer - Bearing | 1 |
| 11 | BB-15-41 | Ball -Bearing N.D. #Z993L04 | 1 |
| ***12 | | Stator Assy, 115 V.; 60 Hz | AR |
| ***13 | | Stator Assy, 220 V.; 60 Hz | AR |
| ***14 | | Stator Assy, 230V.; 60 Hz | AR |
| ***15 | | Stator Assy, 115 V.; 50 Hz | AR |
| ***16 | | Stator Assy, 220/240V.; 65 Hz | AR |
| 17 | 70418 | | 1 |
| ****18 | | Screw self tapping 6-32 x 5/16 Phil. Hd. Rd. Type F | AR |
| *****19 | | Switch - Starting (Stationary Part) | AR |
| 20 | BB-018-12 | Ball Bearing - Fafnir #P201KDD | 1 |
| 21 | 21046-2 | Washer (1/32 Thk.) | 1 |
| 22 | SL-2-2 | Loading Spring - N.D. #S-12 | 1 |
| 23 | 278280 | Retainer - Capacitor | 1 |
| 24 | 70487-15 | Capacitor (50/60 Hz.) (Motors Built by Hobart) | 1 |
| ******2 5 | | Capacitor Assy | AR |
| 26 | 118072 | Clamp - Capacitor | 2 |
| 27 | SD-9-5 | Self-Tapping Screw 6-32 X 5/16 Phil. Rd. Hd., Type F | 2 |
| | 293454 | Retainer - Stator (Motors Built by Others) | 4 |
| | 70487-21 | Capacitor (50/60 Hz.) (Motors Built by Others) | 1 |

* Not Availble (Order 271642 for motors built by others or 271645 for motors built by Hobart

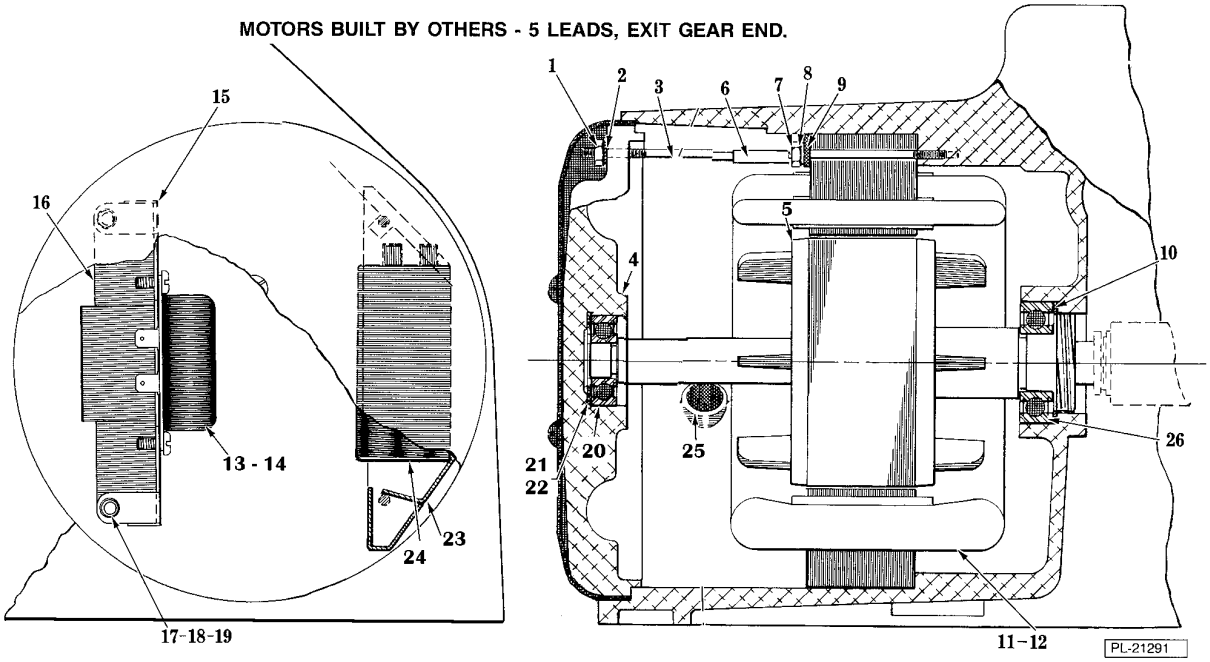
** ot Availble (Order 271642 for motors built by others or 271645 for motors built by Hobart

*** Not Availble (Order 271642 for motors built by others or 271645 for motors built by Hobart)

**** Not Availble (Order 271641 for motors built by others or 271644 for motors built by Hobart under 150V or 271645 for motors built by Hobart over 150V)

***** Not Availble (Order 271641 for motors built by others or 271644 for motors built by Hobart under 150V or 271645 ofr motors built by Hobart over 150V)

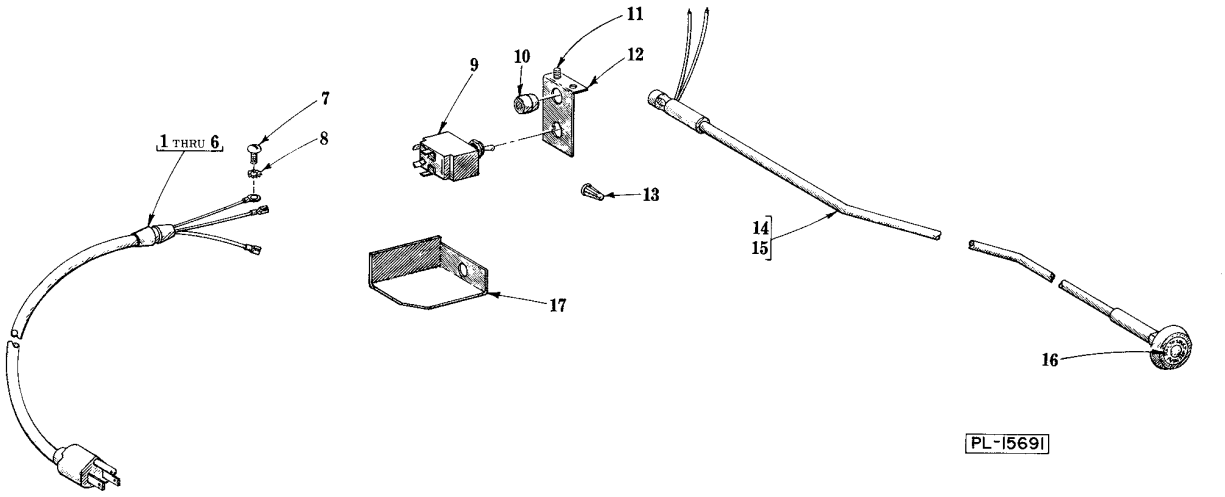
****** Item 25 discontinued, to replace ORDER item 24 and Kit 294016




## MOTOR PARTS
## (WITH ELECTRONIC START SWITCH)

## MOTOR PARTS
## (WITH ELECTRONIC START SWITCH)

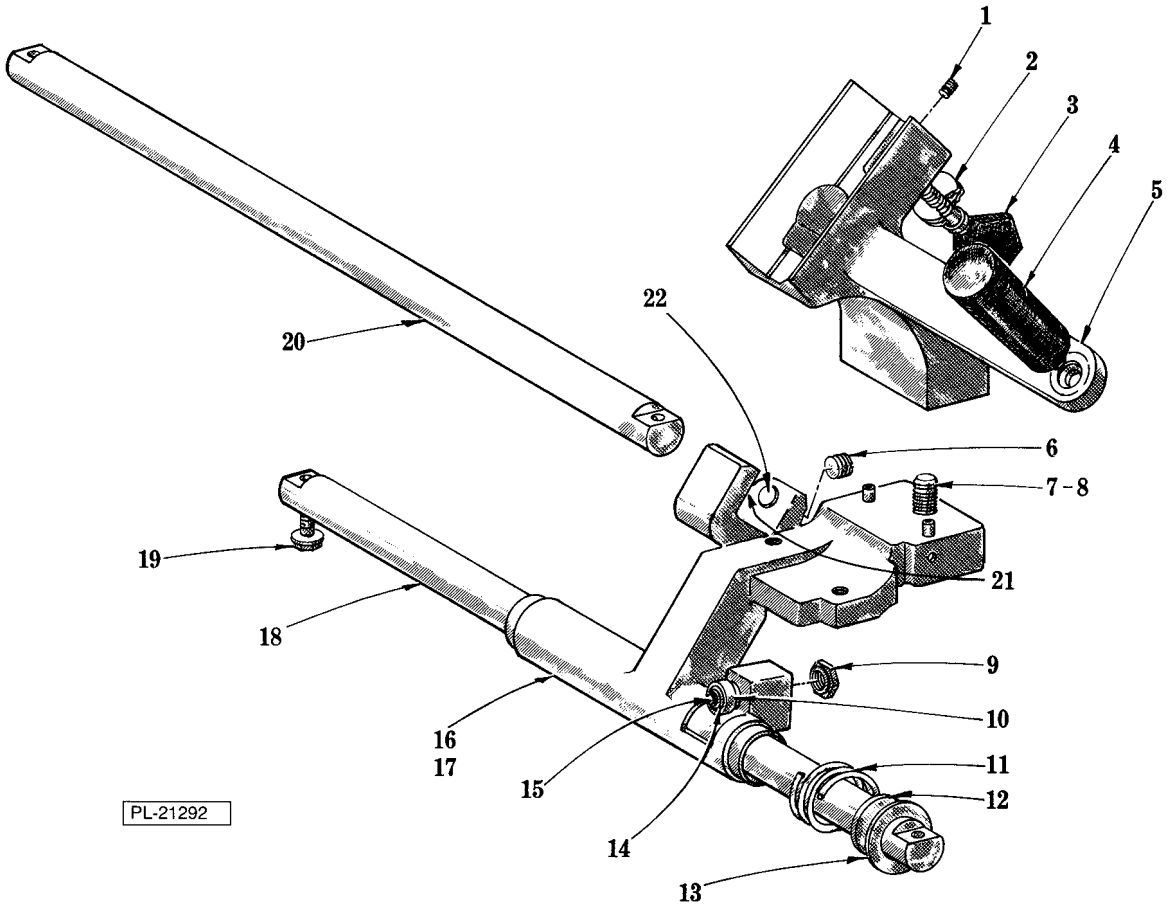
| ILLUS. PL-21291 | PART NO. | NAME OF PART | AMT. |
|---|---|---|---|
| 1 | NS-9-12 | Mach. Nut 8-32 Hex | 4 |
| 2 | WL-7-6 | Lock Washer 8 Ext. Shakeproof | 4 |
| 3 | 120048 | Stud - Stator | 4 |
| 4 | 110293 | Bracket - Bearing | 1 |
| 5 | 274761 | Rotor Assy. (60 Hz.) | 1 |
| 6 | 103661-17 | Tubing - Insulator 3/4" Lg | 2 |
| 7 | NS-9-12 | Mach. Nut 8-32 Hex | 4 |
| 8 | WS-2-15 | Washer | 4 |
| 9 | 293454 | Retainer - Stator | 4 |
| 10 | 70422 | Washer - Bearing | 1 |
| 11 | 274301 | Stator Assy. (All Voltages) (ML103096) | 1 |
| 12 | 271639 | Stator Assy. (All Voltages) (All ML's except ML103096) | 1 |
| 13 | 271612-1 | Switch - Electronic Start (50/60 Hz.) | 1 |
| 14 | SD-024-13 | Self-Taping Screw 8-32 x 3/8 Pan Hd, Type TT | 2 |
| 15 | 271613 | Plate - Motor Switch | 1 |
| 16 | 271614 | Insulator - Motor Switch | 1 |
| 17 | 103661-15 | Tubing - Insulator 1 1/2" Lg | 1 |
| 18 | WS-2-15 | Washer | 2 |
| 19 | NS-9-12 | Mach. Nut 8-32 Hex | 2 |
| 20 | BB-018-12 | Ball Bearing - Fafnir #P201KDD | 1 |
| 21 | 21046-2 | Washer U32 Thk.) | 1 |
| 22 | SL-2-2 | Loading Spring - N.D. #S-12 | 1 |
| 23 | 278280 | Retainer - Capacitor | 1 |
| 24 | 70487-21 | Capacitor (50/60 Hz.) | 1 |
| 25 | 70418 | Bushing - Motor Leads | 1 |
| 26 | BB-15-41 | Ball Bearing - N.D. #Z993L04 | 1 |




## ELECTRICAL UNIT

## ELECTRICAL UNIT

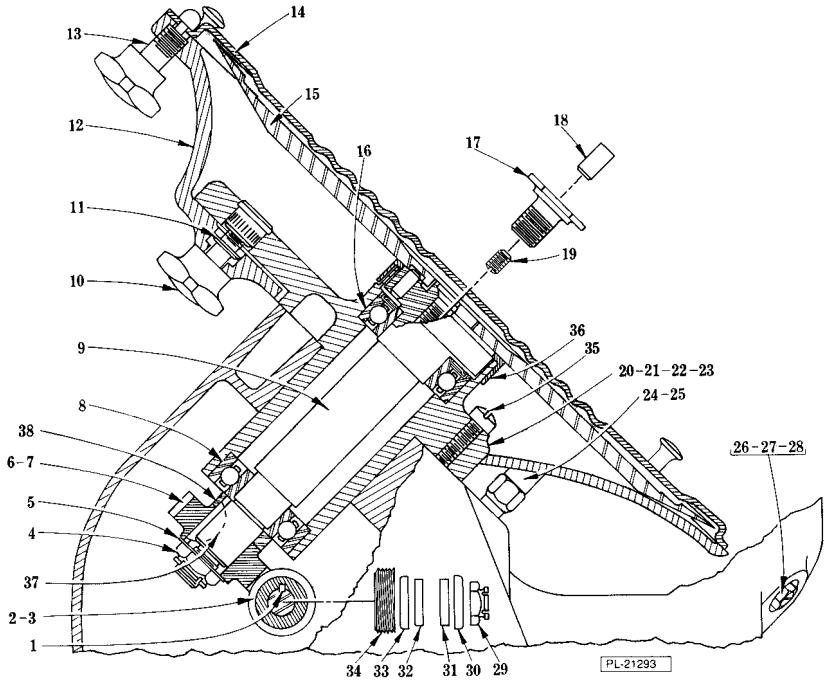
| ILLUS. PL-15691A | PART NO. | NAME OF PART | AMT. |
|---|---|---|---|
| 1 | 117542-37 | Cord & Plug Assy. (115 V.) | 1 |
| 2 | 117542-38 | Cord & Plug Assy. (200-240 V.) | 1 |
| 3 | 117542-39 | Cord Assy. (I.E.C.) | 1 |
| 4 | RR-8-13 | Retaining Ring (Use with items 1 & 2) | 1 |
| 5 | WS-5-36 | Washer (Fiber) (Use with item 3) | 2 |
| 6 | FE-6-32 | Strain Relief (Use with item 3) | 2 |
| 7 | SD-024-13 | Self-Tapping Screw 8-32 x 3/8 Pan Hd., Type TT | 1 |
| 8 | WL-10-1 | Lock Washer 8 Ext. Shakeproof | 1 |
| 9 | 87711-148-1 | Switch (With Nuts) | 1 |
| 10 | FE-21-9 | Strain Relief | 1 |
| 11 | SD-024-13 | Self-Tapping Screw 8-32 x 3/8 Pan Hd. Type TT | 2 |
| 12 | 122341 | Bracket - Switch | 1 |
| 13 | FE-6-29 | Nut - Wire | 2 |
| 14 | 122342-5 | Lighted Knob Assy. (115 V.) | 1 |
| 15 | 122342-6 | Lighted Knob Assy. (200/240 V.) | 1 |
| 16 | 76902 | Disc - Insert | 1 |
| 17 | 123647 | Insulator - Switch | 1 |




**SLIDE ROD UNIT**

## SLIDE ROD UNIT

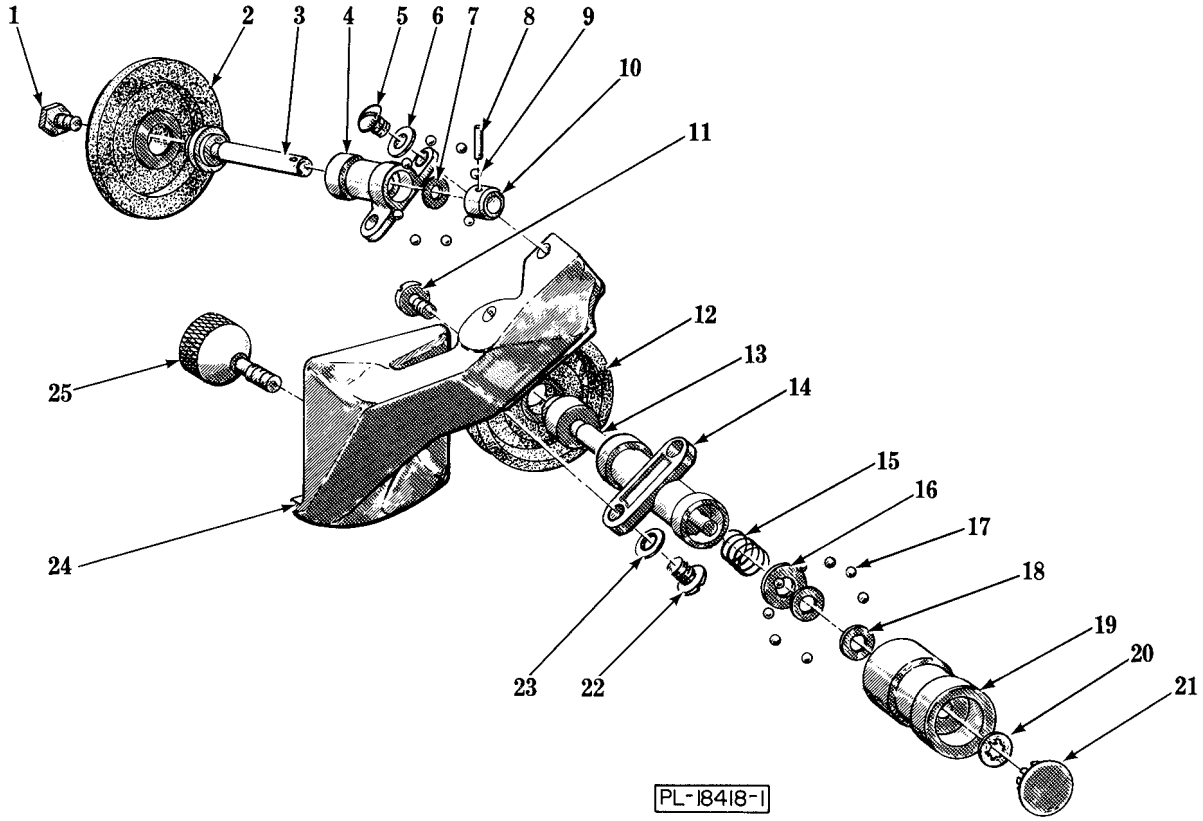
| ILLUS. PL-21292 | PART NO. | NAME OF PART | AMT. |
|---|---|---|---|
| 1 | SC-118-52 | Set Screw 1/4-20 x 1/2 Hdls., Cup Pt. | 1 |
| 2 | 107364-2 | Washer - Belleville | 2 |
| 3 | 108197-5 | Thumb Screw | 1 |
| 4 | 70194 | Handle - Carriage Tray | 1 |
| 5 | 88749-2 | Carriage Support & Plug Asy. (Incls. items 1 & 4) | 1 |
| 6 | 86260 | Adjusting Screw - "Nylok" | 1 |
| 7 | SC-37-21 | Cap Screw 1/2-13 x 1 1/2 Hex Hd | 1 |
| 8 | WL-6-35 | Lock Washer 1/2 Light | 1 |
| 9 | 10928-2 | Nut | 1 |
| 10 | BB-4-11 | Ball Bearing - Hoover #626ZZ | 1 |
| 11 | 20622 | Spring - Bumper | 2 |
| 12 | 21046-1 | Washer - Bumper (Rubber) | 2 |
| 13 | 118162 | Washer - Backup (SST) | 2 |
| 14 | RR-9-15 | Retaining Ring | 1 |
| 15 | 109870 | Stud - Eccentric | 1 |
| 16 | 114022 | Carriage Bearing Assy. (Incls. items 6 & 17) | 1 |
| 17 | 88921 | Bushing | 2 |
| 18 | 123686-1 | Slide Rod - Lower | 1 |
| 19 | SD-24-48 | Self-Tapping Screw 5/16-18 Hex Washer Hd. "Taptite" | 4 |
| 20 | 123686-2 | Slide Rod - Upper | 1 |
| 21 | 83416 | Plug (.188" Thick) | 1 |
| 22 | 83416-2 | Plug (.312" Thick) | 1 |
|  | 86262 | Eccentric Stud, Brg. & Nut Assy. (Incls. items 9, 10, 14 & 15) | 1 |


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PL-21293

**KNIFE UNIT**

# KNIFE UNIT

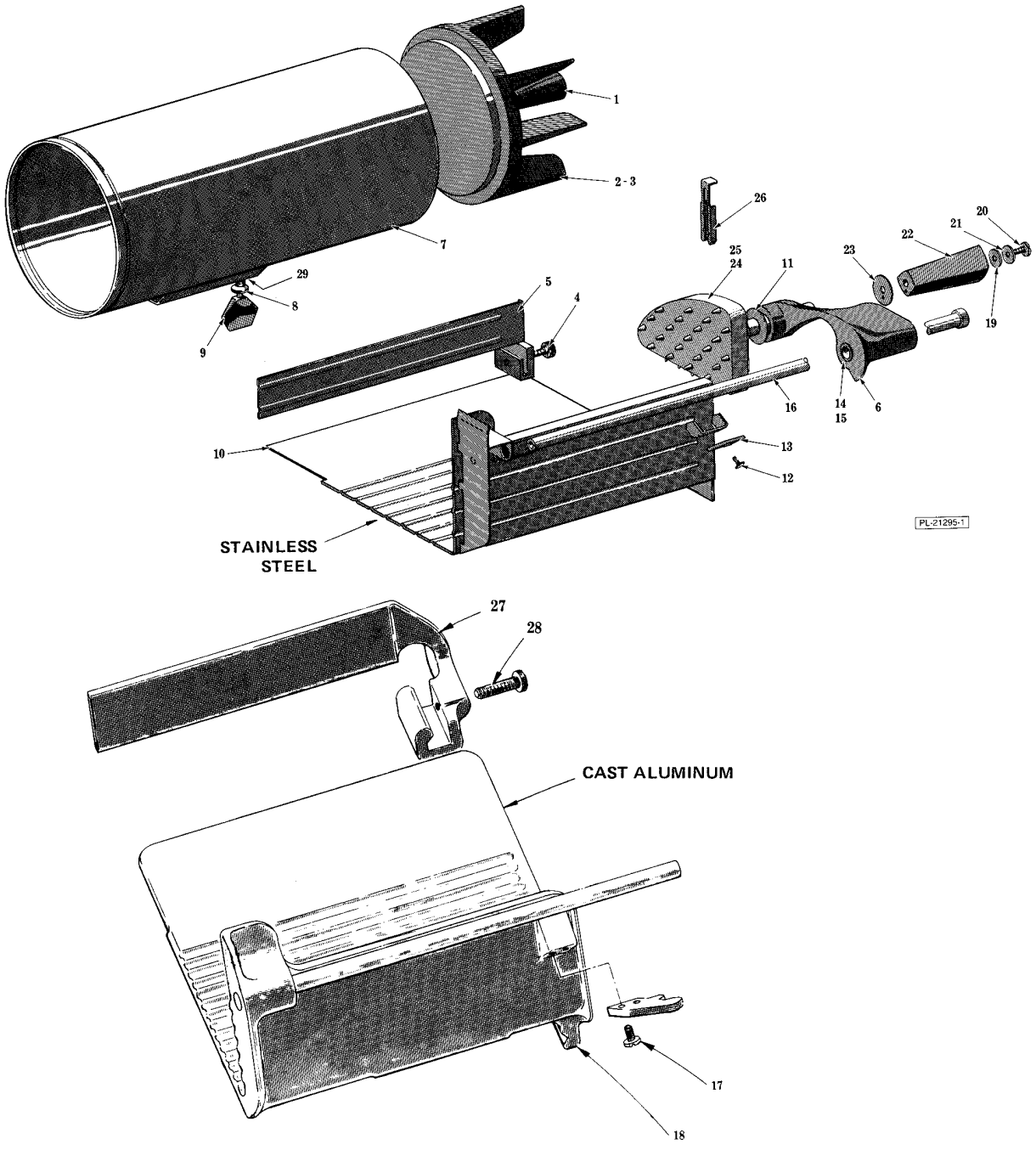
| ILLUS. PL-21293 | PART NO. | NAME OF PART | AMT. |
|---|---|---|---|
| 1 | 12430-3 | Key | 1 |
| 2 | 291647 | Worm (5T) (All ML's Except 103096) (Us with item 23) | 1 |
| 3 | 294193 | Worm (4T) (ML-103096) (1612 Only) (Use with item 22) | 1 |
| 4 | NS-32-29 | Stop Nut 1/2-20 "Flexloc" | 1 |
| 5 | WS-8-9 | Washer | 1 |
| 6 | 70302 | Gear - Knife Shaft Worm (24T) (All ML's Except 103096) | 1 |
| 7 | 294194 | Gear - Helical (25T) (ML-103096) (1612 Only) | 1 |
| 8 | BB-018-43 | Ball Bearing - Hoover #9204 | 1 |
| 9 | 70435 | Knife Shaft & Dowel Sub-Assy | 1 |
| 10 | 118484 | Screw - Back Knife Guard Retaining | 1 |
| 11 | RR-10-18 | Retaining Ring | 1 |
| 12 | ML-42685-Z | Back - Knife Guard (Packaged) | 1 |
| 13 | 70196 | Stud - Upper Knife Guard | 1 |
| 14 | ML-42671-Z | Knife Guard & Knob Assy. (Packaged) | 1 |
| 15 | 275913-1 | Knife (Service) | 1 |
| 16 | BB-16-22 | Ball Bearing - Fafnir #205KL | 1 |
| 17 | 73356 | Screw - Knife (Incls. items 18 & 19) | 1 |
| 18 | 73265 | Plug - Plate Thrust | 1 |
| 19 | SC-64-4 | Set Screw 1/4-28 x 3/8 Hdls., Flat Pt. "Nylok" | 1 |
| 20 | 70314-1 | Insert, Knife Shaft | 1 |
| 21 | 88726 | Knife Shaft Hub & Insert Assy | 1 |
| 22 | 274768 | Knife Shaft & Hub Assy.(ML-103096)(1612 Only)(Incls. items 4,5,7,8,9,16,21,37 & 38) | 1 |
| 23 | 70348 | Knife Shaft & Hub Assy.(All ML's Except 103096)(Incls. items 4,5,6,8,9,16,21,37 & 38) | 1 |
| 24 | 70241 | Stud - Center Knife Guard | 1 |
| 25 | 70198 | Lock Nut - Center Stud | 1 |
| 26 | 83021 | Stud - Lower Retaining Clip | 1 |
| 27 | WL-7-15 | Lock Washer 1/4 Ext. Shakeproof | 1 |
| 28 | NS-17-1 | Jam Nut 1/4-20 Hex Fin | 1 |
| 29 | NS-32-23 | Stop Nut 7/16-20 "Flexloc" | 1 |
| 30 | WS-007-50 | Washer | 1 |
| 31 | 274760-2 | Washer - Shock (29/64 I. D.) | 1 |
| 32 | 274760-1 | Washer - Shock (41/64 I. D.) | 1 |
| 33 | 274759 | Washer | 1 |
| 34 | 70239 | Conveyor - Oil | 1 |
| 35 | SD-33-11 | Self-Tapping Screw 1/4-20 x 1 3/8 Fil. Hd. "Taptite" | 4 |
| 36 | 111154 | Ring - Knife Shaft | 1 |
| 37 | 73348 | Key - Special Woodruff | 1 |
| 38 | 104001 | Washer - Thrust | 1 |
| | 113716 | Center Stud & Nut Assy. (Incls. items 24 & 25) | 1 |
| | 70314-1 | Insert, Knife Shaft Used with Item 10 | 1 |




**KNIFE SHARPENER UNIT**
**(BOTTOM MOUNTED)**

## KNIFE SHARPENER UNIT (BOTTOM MOUNTED)

| ILLUS. PL-18418-1 | PART NO. | NAME OF PART | AMT. |
|---|---|---|---|
| 1 | 74833 | Screw - Retaining | 1 |
| 2 | 73851 | Wheel - Grinding | 1 |
| 3 | 74900 | Shaft - Grinding Wheel | 1 |
| 4 | 22670-2 | Carrier - Grinding Wheel | 1 |
| 5 | SC-8-10 | Mach. Screw 10-24 x 1/2 Rd. Hd | 2 |
| 6 | WS-2-18 | Washer | 2 |
| 7 | WS-3-40 | Washer | 1 |
| 8 | RP-6-7 | Rollpin 3/32 X 7/16 | 1 |
| 9 | BA-2-1 | Ball 1/8 Dia | 9 |
| 10 | 13199 | Collar - Thrust | 1 |
| 11 | 3404-7 | Screw - Retaining | 1 |
| 12 | 13201 | Wheel - Truing | 1 |
| 13 | 83092 | Shaft - Truing Wheel | 1 |
| 14 | 73975-2 | Carrier - Truing Wheel | 1 |
| 15 | 70313 | Spring - Truing Wheel Load | 1 |
| 16 | WS-4-39 | Washer | 1 |
| 17 | BA-2-1 | Ball 1/8 Dia | 7 |
| 18 | WS-2-18 | Washer | 2 |
| 19 | 124657 | Cap - Truing Wheel | 1 |
| 20 | 83089 | Retaining Ring | 1 |
| 21 | 69585-1 | Plug - Button | 1 |
| 22 | SC-8-10 | Mach. Screw 10-24 x 1/2 Rd. Hd | 2 |
| 23 | WS-2-18 | Washer | 2 |
| 24 | 72801 | Support - Sharpener | 1 |
| 25 | 109702 | Thumb Screw - Sharpener Attaching | 1 |
| | 122794-4 | Knife Sharpener Assy. (Incls. items 1 thru 25) | 1 |
| | 73979 | Truing Wheel Assy. (Incls. items 11 thru 21) | 1 |
| | 74007 | Grinding Wheel Assy. (Incls. items 1, 2, 3, 4, 7, 8, 9 & 10) | 1 |

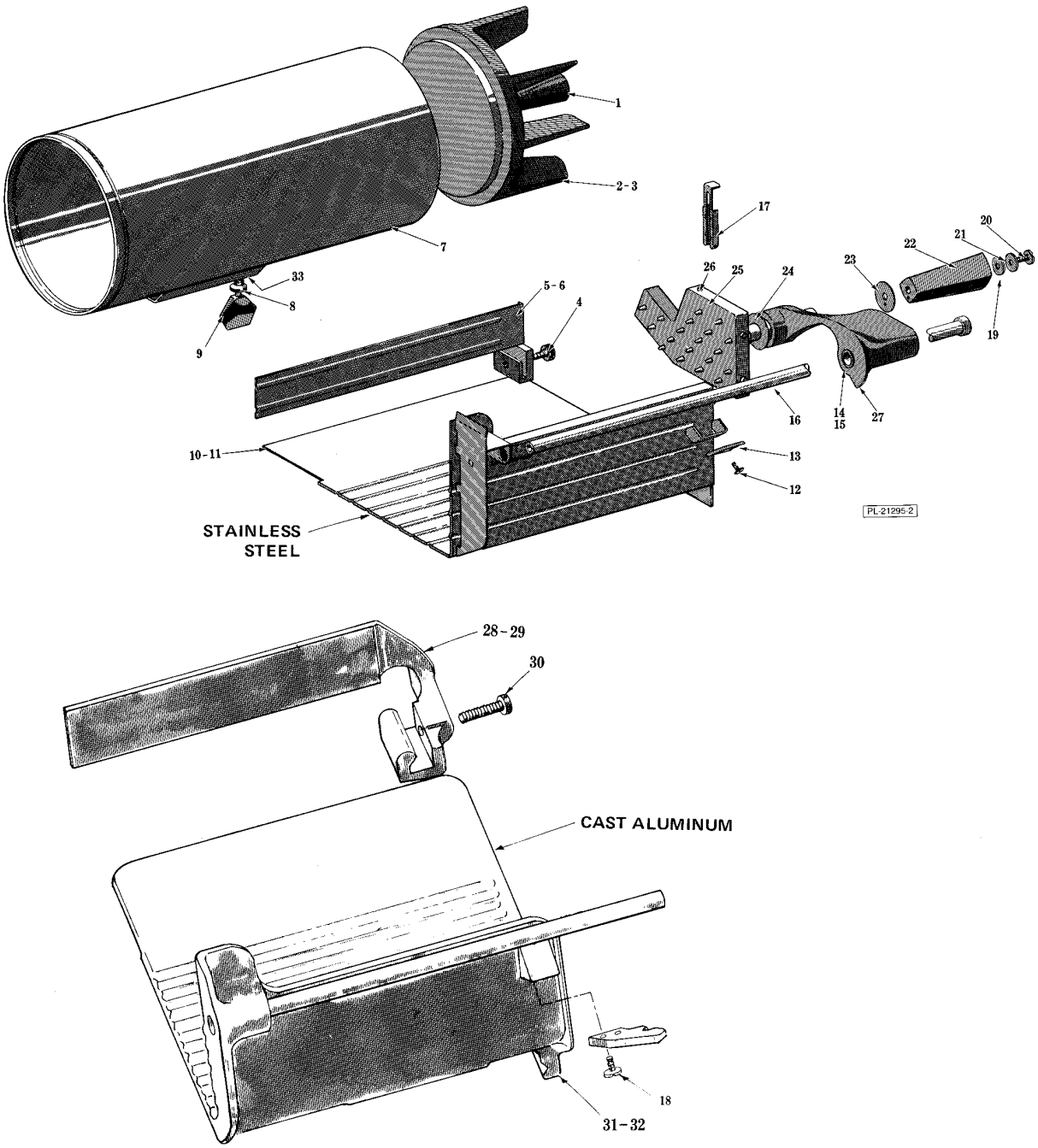



## 1612 CARRIAGE TRAY UNIT

# 1612 CARRIAGE TRAY UNIT

| ILLUS. PL-21295-1 | PART NO. | NAME OF PART | AMT. |
|---|---|---|---|
| *1 | 70194 | Handle - Carriage Unit | 1 |
| *2 | 75930 | Plate - Pusher | 1 |
| *3 | 75945 | Pusher Plate & Handle Assy. (Incls. items 1 & 2) | 1 |
| 4 | 290984 | Thumb Screw - Fence | 1 |
| 5 | 295118 | Fence & Thumb Screw Assy. (Incls. item 4) (SST) | 1 |
| 6 | 75138-2 | Meat Grip Arm & Bearing Assy. (Incls. item 14) | 1 |
| *7 | 118332-1 | Tube & Angled Seat Assy | 1 |
| *8 | 107364-2 | Washer - Belleville | 2 |
| *9 | 108197-5 | Thumb Screw | 1 |
| 10 | 290972-1 | Carriage Tray Assy. (SST) (Incls. item 16) | 1 |
| 11 | 70386 | Washer | 1 |
| 12 | SC-8-9 | Mach. Screw 10-24 x 3/8 Rd. Hd | 2 |
| 13 | 72579 | Clip - Meat Grip Retaining | 1 |
| 14 | 75135 | Bearing - Meat Grip Arm | 2 |
| 15 | WS-21-19 | Washer | AR |
| 16 | 123087-2 | Shaft - Knob Assy | 1 |
| 17 | 68042 | Screw - "Nylok" Truss Hd | 2 |
| **18 | | Carriage Tray & Slide Rod Assy. (Cast Alum.) | 1 |
| 19 | 70344 | Washer - Handle Tension | 1 |
| 20 | 68042 | Screw - "Nylok" Truss Hd | 1 |
| 21 | 70345 | Washer - Handle Retaining | 1 |
| 22 | 70202 | Handle - Meat Grip | 1 |
| 23 | 70387 | Washer - Handle | 1 |
| 24 | 120906 | Meat Grip Assy. (Standard, Non-Metallic) | 1 |
| 25 | 77534 | Meat Grip Assy. (Optional, Metallic) (Not Shown) | 1 |
| 26 | 70341 | Meat Holder - Meat Grip | 2 |
| **27 | | Fence & Insert Assy. (Cast Alum.) | 1 |
| **28 | | Thumb Screw - Fence (Cast Alum.) | 1 |
| 29 | RR-11-60 | Retaining Ring | 1 |
| * | ML-31329-Z | Food Chute Attachment Assy.(Incls. items 1, 2, 3, 7, 8 & 9) | 1 |
| | 290976-1 | Carriage Tray Assy. (Standard)(Incls. items 6, 8 thru 13, 15, 19 thru 24 & 29)(SST) | 1 |
| | 290976-2 | Carriage Tray Assy. (Optional)(Incls. items 6, 8 thru 13,15,19 thru 23,25 & 29)(SST) | 1 |
| | 290377 | Meat Grip & Arm Assy. (Non-Metallic) (Incls. items 6,11 & 19 thru 24) | 1 |
| | 290373 | Meat Grip & Arm Assy. (Metallic) (Incls. items 6,11,19 thru 23,25 & 26) | 1 |

* Attachment Chute (Special, used in place of Carriage).
** These parts not available. Order items 5 & 10.

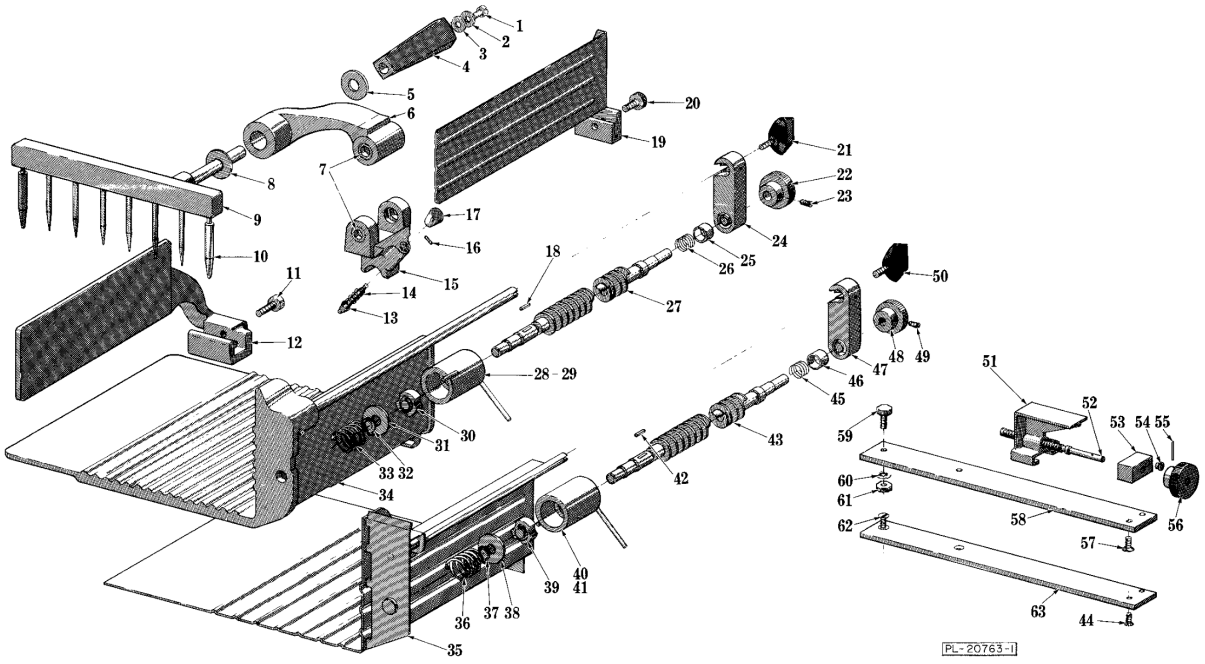



## 1712 CARRIAGE TRAY UNIT

## 1712 CARRIAGE TRAY UNIT

| ILLUS. PL-21295-2 | PART NO. | NAME OF PART | AMT. |
|---|---|---|---|
| *1 | 70194 | Handle - Carriage Unit | 1 |
| *2 | 75930 | Plate - Pusher | 1 |
| *3 | 75945 | Pusher Plate & Handle Assy. (Incls. items 1 & 2) | 1 |
| 4 | 290984 | Thumb Screw - Fence | 1 |
| 5 | 291005-2 | Carriage Fence & Thumb Screw Assy. (Incls. item 4) (SST) | 1 |
| 6 | 291005-1 | High Fence & Thumb Screw Assy. (Horizontal Carriage Tray)(Incls. item 4)(SST) | 1 |
| *7 | 118332-1 | Tube & Angled Seat Assy | 1 |
| *8 | 107364-2 | Washer | 2 |
| *9 | 108197-5 | Thumb Screw | 1 |
| 10 | 290972-1 | Carriage Tray Assy. (SST) (Incls. item 16) | 1 |
| 11 | 290975 | Horizontal Carriage Tray & Slide Rod Assy. (SST) (Incls. item 16) | 1 |
| 12 | SC-8-9 | Mach. Screw 10-24 x 3/8 Rd. Hd | 2 |
| 13 | 72579 | Clip - Meat Grip Retaining | 1 |
| 14 | 75135 | Bearing - Meat Grip Arm | 2 |
| 15 | WS-21-19 | Washer | AR |
| 16 | 123087-2 | Shaft - Knob Assy | 1 |
| 17 | 70341 | Meat Holder - Meat Grip | 2 |
| 18 | 68042 | Screw - Truss Hd. "Nylok" | 2 |
| 19 | 70344 | Washer - Handle Tension | 1 |
| 20 | 68042 | Screw - Truss Hd. "Nylok" | 1 |
| 21 | 70345 | Washer - Handle Retaining | 1 |
| 22 | 70202 | Handle - Meat Grip | 1 |
| 23 | 70387 | Washer - Handle | 1 |
| 24 | 70386 | Washer | 1 |
| 25 | 77534 | Meat Grip Assy. (Incls. item 26) | 1 |
| 26 | 70360-1 | Button - Plastic | 5 |
| 27 | 75138-2 | Meat Grip Arm & Bearing Assy. (Incls. item 14) | 1 |
| **28 | | Carriage Fence & Thumb Screw Assy. (Cast Alum.) | 1 |
| ***29 | | High Fence & Thumb Screw Assy. (Horizontal Carriage Tray)(Cast Alum.) | 1 |
| **30 | | Thumb Screw - Fence | 1 |
| **31 | | Carriage Tray & Slide Rod Assy. (Cast Alum.) | 1 |
| ***32 | | Horizontal Carriage Tray & Slide Rod Assy. (Cast Alum.) | 1 |
| 33 | RR-11-60 | Retaining Ring | 1 |
| * | ML-31329-Z | Food Chute Attachment Assy. (Incls. items 3, 7, 8 & 9) | 1 |
| | 290373 | Meat Grip & Arm Assy. (Metalic) (Incls. items 19 thru 27) | 1 |
| | 290976-3 | Carriage Tray,Meat Grip & Arm Assy.(Incls. items 5,8,9,10,12,13,15,17, 19 thru 25 & 27)(SST) | 1 |
| **** | 290977 | Horizontal Carriage Tray,Meat Grip & Arm Assy | 1 |

* Attachment Chute - (Special, used in place of Carriage)
** These parts Not Available. Order items 5 & 10.
*** These parts Not Available. Order items 6 & 11.
**** (Incls. items 5,8,9,11,12,13,15,17, 19 thru 25,27 & 33)(SST)




## 1712R CARRIAGE TRAY UNIT

# 1712R CARRIAGE TRAY UNIT

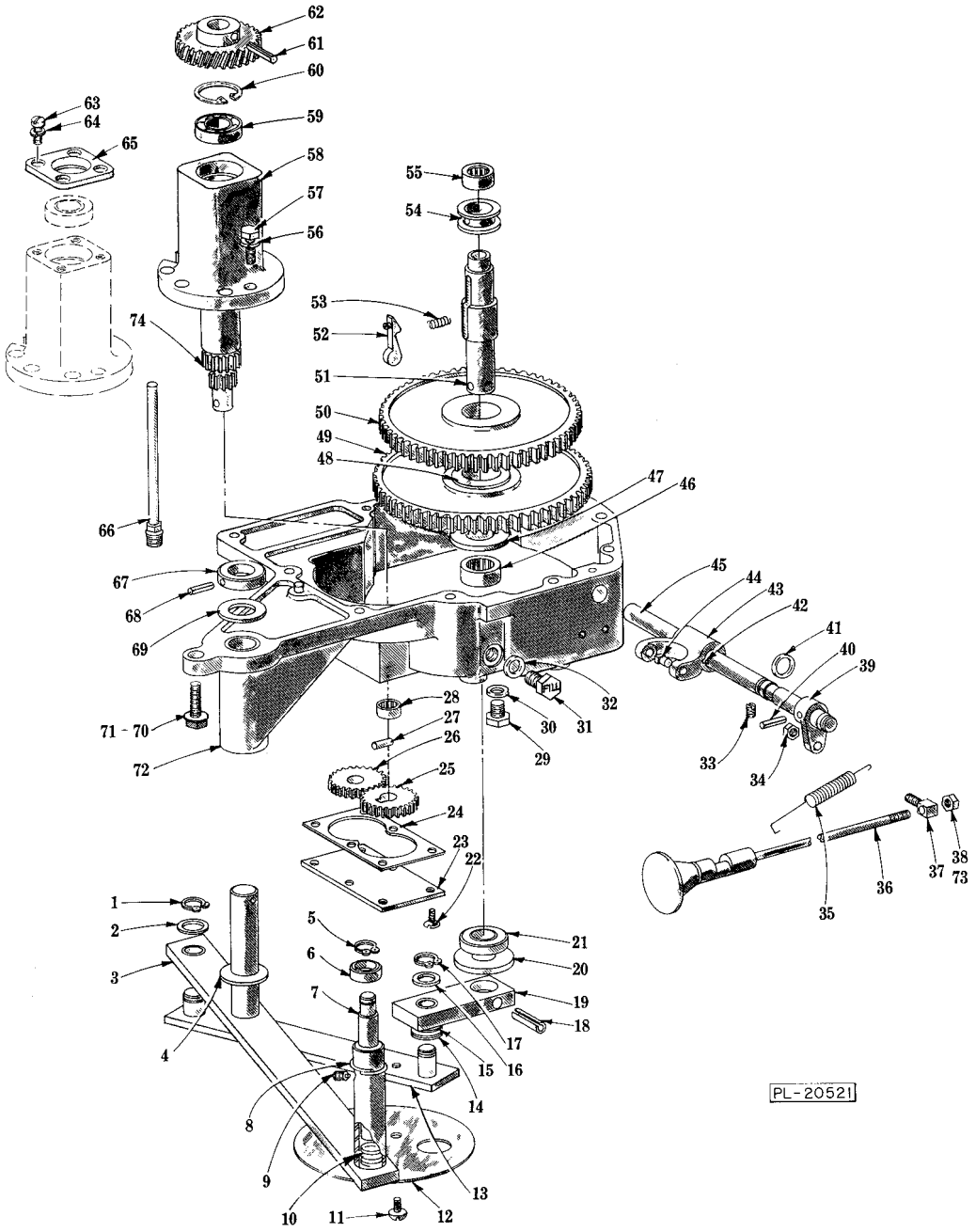
| ILLUS. PL-20763-1 | PART NO. | NAME OF PART | AMT. |
|---|---|---|---|
| 1 | 68042 | Screw - Truss Hd. "Nylok" | 1 |
| 2 | 70345 | Washer - Handle Retaining | 1 |
| 3 | 70344 | Washer - Handle Tension | 1 |
| 4 | 70202 | Handle - Meat Grip | 1 |
| 5 | 70387 | Washer - Handle | 1 |
| 6 | 105077-2 | Meat Grip Arm & Bearing Asy. (Incls. item 7) | 1 |
| 7 | 75135 | Bearing - Meat Grip Arm | 4 |
| 8 | 70386 | Washer | 1 |
| 9 | 105134-2 | Meat Grip Assy. (Incls. item 10) | 1 |
| 10 | 291665 | Cover - Meat Grip Pin | 2 |
| *11 | 70448 | Thumb Screw - Fence | 1 |
| *12 | 111038-4 | High Fence & Thumb Screw Assy. (Incls. item 11) | 1 |
| 13 | 105067 | Plunger - Feed Screw | 1 |
| 14 | 105065 | Spring - Plunger | 1 |
| 15 | 114912 | Plunger Housing Assy. (Incls. items 7, 13, 14, 16 & 17) | 1 |
| 16 | PG-7-44 | Groov-Pin - Type E, 3/32 X 7/16 | 1 |
| 17 | 116491 | Knob - Plunger | 1 |
| *18 | 105393 | Key | 1 |
| **19 | 291005-1 | High Fence & Thumb Screw Assy. (Incls. item 20) | 1 |
| **20 | 290984 | Thumb Screw - Fence | 1 |
| *21 | 108197-9 | Thumb Screw | 1 |
| *22 | | Knob - Feed Screw (Not Available Order Items 48 & 49) | 1 |
| *23 | SC-49-21 | Set Screw 10-24 X 5/16 Hdls., Kn. Cup Pt | 1 |
| *24 | 105240 | Feed Screw Latch & Bushing Assy | 1 |
| *25 | 105066 | Cage - Spring | 1 |
| *26 | 105063 | Spring - Feed Screw | 1 |
| *27 | 105006 | NLA - Obsolete--Screw - Feed | 1 |
| *28 | 105254 | Clutch Housing Assy. (Incls. item 29) | 1 |
| *29 | 105057 | Bushing - Clutch Housing | 1 |
| *30 | 105073 | Clutch - Special | 1 |
| *31 | 105068 | Washer - Clutch Housing | 1 |
| *32 | RR-4-5 | Retaining Ring | 1 |
| *33 | 105064 | Spring - Clutch Housing | 1 |
| *34 | 105079-2 | Carriage Tray & Slide Rod Assy | 1 |
| **35 | 290973 | Carriage Tray & Slide Rod Assy | 1 |
| **36 | 105064 | Spring - Clutch Housing | 1 |
| **37 | RR-4-5 | Retaining Ring | 1 |
| **38 | 105068 | Washer - Clutch Housing | 1 |
| **39 | 105073 | Clutch - Special | 1 |
| **40 | 290965 | Clutch Housing Assy. (Incls. item 41) | 1 |
| **41 | 105057 | Bushing | 1 |
| **42 | 105393 | Key | 1 |
| **43 | 105006 | NLA - Obsolete--Screw - Feed | 1 |
| **44 | SC-22-19 | Mach. Screw 10-24 x 1/2 Flat Hd | 2 |
| **45 | 105063 | Spring - Feed Screw | 1 |
| **46 | 105066 | Cage - Spring | 1 |
| **47 | 105240 | Feed Screw Latch & Bushing Assy | 1 |
| **48 | 291342 | Knob - Feed Screw | 1 |
| **49 | SC-55-2 | Set Screw 1/4-20 x 1/4 Hdls., Kn. Cup Pt | 1 |
| **50 | 108197-9 | Thumb Screw | 1 |
| 51 | 105186 | Block - Actuating | 1 |
| 52 | 105071 | Screw - Adjusting | 1 |
| 53 | 105075 | Retainer - Adjusting Screw | 1 |
| 54 | 79686 | Catch - Friction | 1 |
| 55 | RP-2-33 | Rollpin 3/32 Dia. x 1 Lg | 1 |

## 1712R CARRIAGE TRAY UNIT

| ILLUS. PL-20763-1 | PART NO. | NAME OF PART | AMT. |
|---|---|---|---|
| 56 | 105069 | Knob - Adjusting Screw | 1 |
| *57 | SC-22-19 | Mach. Screw 10-24 x 1/2 Flat Hd | 2 |
| *58 | | Slide Plate - Adjusting Block (Not Available order item 63) | 1 |
| *59 | SC-41-11 | Cap Screw 5/16-18 x 3/4 Hex Hd | 2 |
| *60 | WL-8-22 | Lock Washer 5/16 Int. Shakeproof | 2 |
| *61 | NS-9-41 | Full Nut 5/16-18 Hex Fin | 2 |
| **62 | SC-22-39 | Mach. Screw 1/4-20 x 5/8 Flat Hd | 1 |
| **63 | 291343-2 | Slide Plate - Actuating Block | 2 |
| | 105078 | Slide Plate,Knob,Actuating Block & Adj. Screw Assy.(Incls. items 44,51 thru 56 & 63) | 1 |

* Use with Cast (Alum.) Tray.
** Use with Fabricated (SST) Tray.

# NOTES




## 1712/1712R GEAR CASE UNIT

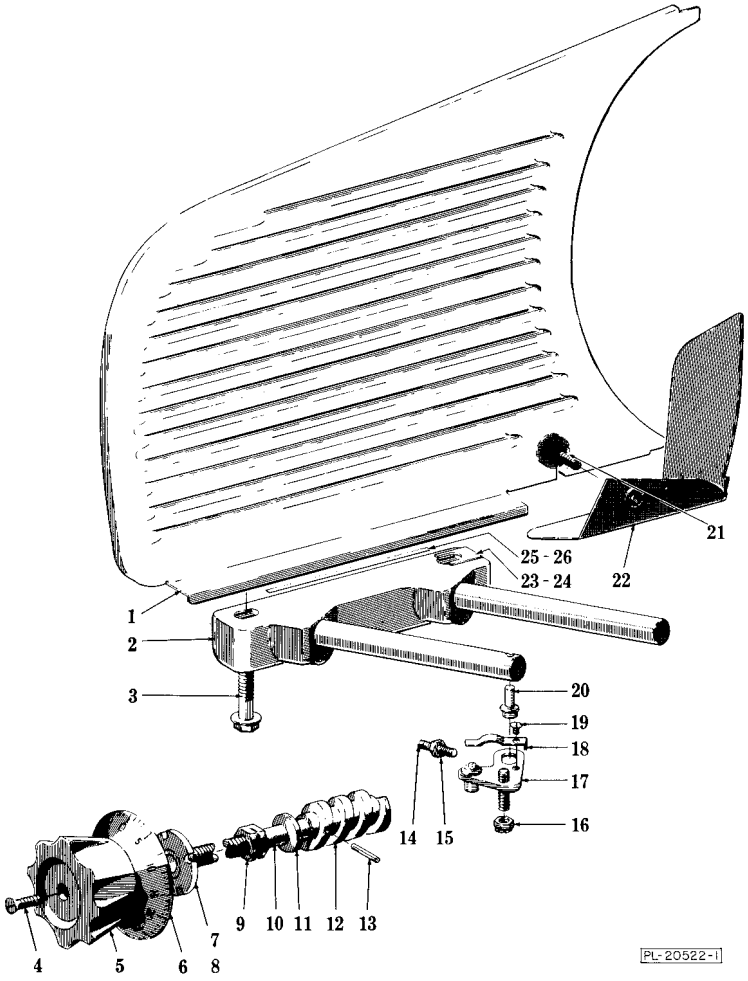
# 1712/1712R GEAR CASE UNIT

| ILLUS. PL-20521 | PART NO. | NAME OF PART | AMT. |
|---|---|---|---|
| 1 | RR-4-17 | Retaining Ring | 1 |
| 2 | WS-7-21 | Washer | 1 |
| 3 | 70259 | Engaging Arm Assy | 1 |
| 4 | 70283 | Washer - Pivot Shaft Thrust | 1 |
| 5 | RR-4-3 | Retaining Ring | 1 |
| 6 | 70303 | Roller - Engaging Mech | 1 |
| 7 | 70295 | Shaft - Engaging Mech | 1 |
| 8 | 70396 | Ring - Stop Retaining | 1 |
| 9 | 70324 | Stop - Engaging Mech. Shaft | 1 |
| 10 | 70307 | Spring - Engaging Mech | 1 |
| 11 | SC-9-28 | Mach. Screw 10-24 x 3/8 Rd. Hd | 2 |
| 12 | 103915 | Cover Plate - Connecting Rod | 2 |
| 13 | 70268 | Connecting Rod Assy | 1 |
| 14 | WS-8-9 | Washer | 2 |
| 15 | WS-8-8 | Washer | 1 |
| 16 | WS-7-21 | Washer | 1 |
| 17 | RR-4-17 | Retaining Ring | 1 |
| 18 | RP-2-46 | Rollpin 1/4 Dia. x 1 1/4 Lg | 1 |
| 19 | 123889 | Arm & Bearing Assy | 1 |
| 20 | 70290 | Washer - Crank Arm Thrust | 1 |
| 21 | 70442 | Seal - Drive Shaft | 1 |
| 22 | SC-14-76 | Mach. Screw 10-24 x 3/8 Flat Hd | 6 |
| 23 | 70234 | Cover - Gear Pump Bottom | 1 |
| 24 | 70244 | Gasket - Bottom Cover | 1 |
| 25 | 70243 | Gear - Oil Pump Drive (27T) | 1 |
| 26 | 70242 | Gear - Oil Pump Idler (27T) | 1 |
| 27 | 11800-200 | Dowel | 1 |
| 28 | BN-2-13 | Needle Bearing - Torrington #B-86 | 1 |
| 29 | SC-62-68 | Cap Screw 1/2-20 x 3/4 Hex Hd | 1 |
| 30 | WS-21-21 | Washer | 1 |
| 31 | 64465-3 | Plug - Oil Fill | 1 |
| 32 | WS-21-20 | Washer | 1 |
| 33 | SC-63-14 | Set Screw 8-32 x 1/4 Hdls., Flat Pt | 1 |
| 34 | NS-32-1 | Stop Nut 10-24 "Flexloc" | 1 |
| 35 | 70285 | Spring - Shifter Mech | 1 |
| 36 | 70446 | Shift Rod, Selector & Knob Assy | 1 |
| 37 | 70286 | Knuckle - Shifter | 1 |
| 38 | NS-9-30 | Mach. Nut 10-32 Hex | 2 |
| 39 | 70296 | Bracket - Shifter | 1 |
| 40 | RP-2-28 | Rollpin 3/16 Dia. x 3/4 Lg | 1 |
| 41 | 67500-2 | "O" Ring | 1 |
| 42 | 12430-3 | Key | 1 |
| 43 | 61654 | Yoke - Shifter | 1 |
| 44 | 61655 | Shoe - Shifter | 2 |
| 45 | 70267 | Shaft - Shifter | 1 |
| 46 | BN-2-15 | Needle Bearing - Torrington #B-126 | 1 |
| 47 | 70281 | Washer - Gear Thrust | 1 |
| 48 | 70274 | Collar - Diving Key | 1 |
| 49 | 72715 | Gear - Driven (119T) | 1 |
| 50 | 70170 | Gear - Driven (114T) | 1 |
| 51 | 293036 | Shaft - Crank Arm Drive | 1 |
| 52 | 114356 | Key - Diving | 1 |
| 53 | 70308 | Spring - Diving Key | 1 |
| 54 | 61656 | Sleeve - Clutch Shifter | 1 |
| 55 | BN-2-14 | Needle Bearing - Torrington #M-881 | 1 |

## 1712/1712R GEAR CASE UNIT

| ILLUS. PL-20521 | PART NO. | NAME OF PART | AMT. |
|---|---|---|---|
| 56 | WL-3-37 | Lock Washer 1/4 Medium | 3 |
| 57 | SC-36-6 | Cap Screw 1/4-20 x 1 Hex Hd | 3 |
| 58 | 70156 | Carrier - Pinion Shaft Bearing | 1 |
| 59 | BB-15-37 | Ball Bearing - N.D. #3L03 | 1 |
| 60 | RR-11-52 | Retaining Ring | 1 |
| 61 | RP-3-8 | Rollpin 3/16 Da x 1 1/8 Lg | 1 |
| 62 | 70159 | Gear Worm (29T) | 1 |
| 63 | SC-11-17 | Mach Screw 10-24 x 1/2 Fil Hd | 4 |
| 64 | WL-3-21 | Lock Washer 10 High Collar | 4 |
| 65 | 116714 | Retainer - Bearing | 1 |
| 66 | 70248 | Fitting & Oil Tube Assy | 1 |
| 67 | 70275 | Collar - Pivot Shaft Thrust | 1 |
| 68 | RP-3-12 | Rollpin 1/8 Dia x 1 1/4 Lg | 1 |
| 69 | 70283 | Washer - Thrust | 1 |
| 70 | SD-33-8 | Self-Tapping Screw 5/16-18 x Hex Washer Hd., Type TT | 4 |
| 71 | SD-33-9 | Self-Tapping Screw 5/16-18 x 3 Hex Washer Hd., Type TT | 7 |
| 72 | 124640-1 | Gear Case, Bearing & Dowel Assy. (Incls. items 21 & 46) | 1 |
| 73 | WL-8-13 | Lock Washer 10 Int. Shakeproof | 2 |
| 74 | 72716 | Shaft - Pinion (19T & 14T) | 1 |
| | 72714 | Brg. Carrier, Pinion Shaft & Gear Assy. (Incls. items 58 thru 62 & 74) | 1 |
| | 106933 | Drive Shaft Assy. (Incls. items 51, 52, 53 & 54) | 1 |

# NOTES




**GAUGE PLATE & INDEXING MECH.**

## GAUGE PLATE & INDEXING MECH.

| ILLUS. PL-20522-1 | PART NO. | NAME OF PART | AMT. |
|---|---|---|---|
| 1 | 124768 | Gauge Plate Unit | 1 |
| 2 | 88740-2 | Gauge Plate Support & Slide Rod. Assy | 1 |
| 3 | 112913 | Screw - Special | 2 |
| 4 | SC-23-10 | Mach. Screw 10-24 x 3/4 Oval Hd | 1 |
| 5 | 114214 | Cap - Index Knob | 1 |
| 6 | 118175 | Dial Assy | 1 |
| 7 | 76948 | Disc. - Indexing Drive | 1 |
| 8 | RP-2-40 | Rollpin 3/32 Dia. x 3/4 Lg | 1 |
| 9 | 10928-2 | Nut - Special | 2 |
| 10 | 87494 | Shaft - Indexing | 1 |
| 11 | 88298 | Washer - Belleville | 2 |
| 12 | 87495 | Worm - Indexing | 1 |
| 13 | RP-2-22 | Rollpin 5/32 Dia. x 3/4 Lg | 1 |
| 14 | SC-63-28 | Set Screw 1/4-20 x 1 Hdls., Flat Pt | 1 |
| 15 | NS-17-1 | Jam Nut 1/4-20 Hex Fin | 1 |
| 16 | NS-32-12 | Stop Nut 1/16-18 "Flexloc" | 1 |
| 17 | 70425 | Indexing Plate, Roller, Collar & Stud Assy. (Incls. items 18 & 19) | 1 |
| 18 | 20610 | Spring - Indexing Plate | 1 |
| 19 | SC-8-14 | Mach. Screw 10-32 x 1/16 Rd. Hd | 1 |
| 20 | 70343 | Roller - Indexing Plate (Straight) | 1 |
| 21 | 109702 | Thumb Screw (1712 & 1712R) | 1 |
| 22 | 105256 | Meat Deflector (1712 & 1712R) | 1 |
| 23 | 291171-1 | Spacer - Gauge Plate Sprocket (.003" Thk.) | AR |
| 24 | 291171-2 | Spacer - Gauge Plate Sprocket (.005" Thk.) | AR |
| 25 | 122559 | Shim(Specify Dash #:-1 = .0075 Thk.; -2 = .010 Thk & .3 = .0125 Thk.) | AR |
| 26 | 122573 | Shim(Specify Dash #:-1 = .002 Thk.; -2 = .003 Thk.; -3 = .004 Thk. & -4 = .005 Thk.) | AR |
| | 87493 | Indexing Shaft & Worm Assy. (Incls. items 10, 12 & 13) | 1 |