

***SnoJet***

A Conroy Company

**1976  
ASTRO JET**

# MODEL NUMBER-MASTER REFERENCE

YEAR

|      |   |
|------|---|
|      | 1 |
|      | 2 |
| 1973 | 3 |
| 1974 | 4 |
| 1975 | 5 |
| 1976 | 6 |
|      | 7 |
|      | 8 |

PECULIARITY

|   |                |
|---|----------------|
| 0 | No peculiarity |
| 1 |                |
| 2 |                |
| 3 |                |
| 4 |                |
| 5 |                |
| 6 |                |
| 7 |                |

NAME

|             |   |
|-------------|---|
| Star Jet    | 1 |
| SST         | 2 |
| Whisper Jet | 3 |
| Thunder Jet | 4 |
| Strato Jet  | 5 |
| Astro Jet   | 6 |
| Astro SS    | 7 |
| Sabre Jet   | 8 |

FEATURE

|   |                     |
|---|---------------------|
| 0 | No Feature          |
| 1 | Ring Gear Installed |
| 2 | Free Air            |
| 3 |                     |
| 4 |                     |
| 5 |                     |
| 6 |                     |
| 7 |                     |

ENGINE  
SIZE

|                |   |
|----------------|---|
| 295cc x 1 cyl. | 1 |
|                | 2 |
| 340cc x 2 cyl. | 3 |
| 440cc x 2 cyl. | 4 |
|                | 5 |
| 650cc x 2 cyl. | 6 |
|                | 7 |
|                | 8 |

ENGINE  
MAKE &  
RATING

|   |                |
|---|----------------|
| 1 | Yamaha Regular |
| 2 | Yamaha Sport   |
| 3 | Yamaha Racing  |
| 4 | Hirth Regular  |
| 5 |                |
| 6 |                |
| 7 |                |
| 8 |                |

OPTION

|                |   |
|----------------|---|
| Manual Start   | 1 |
| Electric Start | 2 |
|                | 3 |
|                | 4 |

SUSPENSION

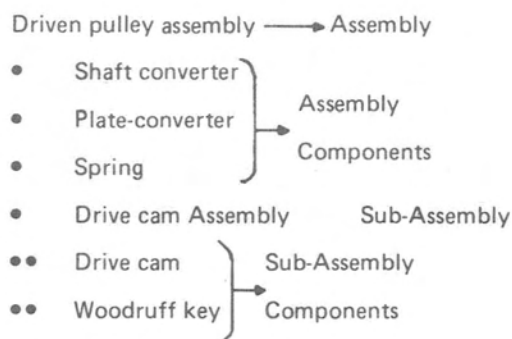
|   |                 |
|---|-----------------|
| 1 | Bogie           |
| 2 | Multiflex I, II |
| 3 | Thunder Jet     |
| 4 | Multiflex IV    |

## **HOW TO READ THIS MANUAL**

**COMPONENT PARTS:** Component parts of an assembly are preceded by a dot. (•)

Component Parts of a sub-assembly are preceded by two dots (••) as follows:

### **EXAMPLE:**

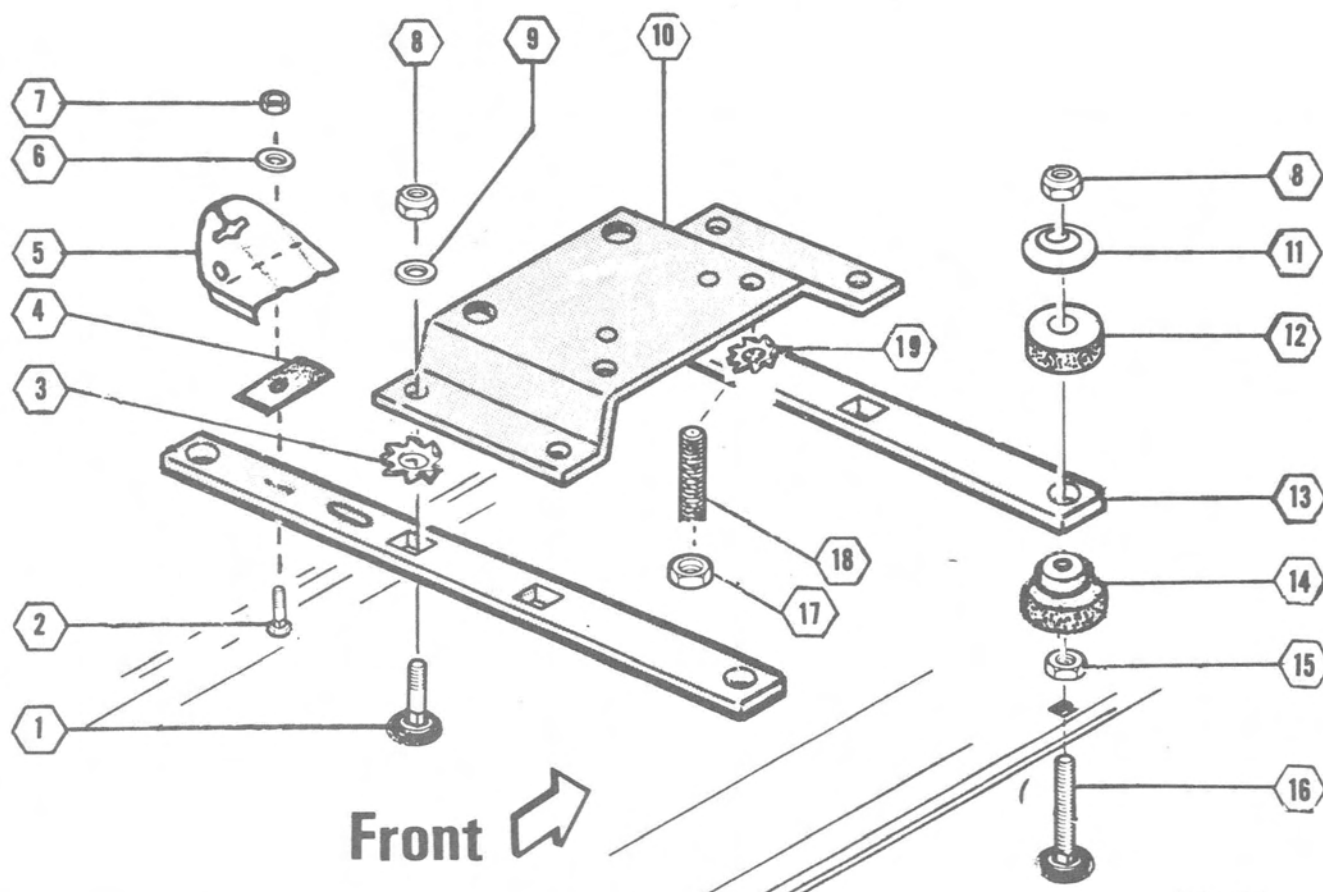


### **NOTE:**

All assembly components can be purchased separately unless mentioned on the illustration concerned.

| Group                    | Page      |
|--------------------------|-----------|
| <b>INDEX</b>             | <b>1</b>  |
| <b>ENGINE MOUNT</b>      | <b>2</b>  |
| <b>EXHAUST SYSTEM</b>    | <b>3</b>  |
| • MUFFLER                |           |
| • MANIFOLD               |           |
| <b>ELECTRICAL SYSTEM</b> | <b>4</b>  |
| • LIGHTS                 |           |
| • IGNITION               |           |
| • WIRING                 |           |
| <b>DRIVE SYSTEM</b>      | <b>8</b>  |
| • DRIVE                  | 8         |
| • GUARD PULLEY           | 10        |
| • BRAKE                  | 11        |
| • CHAIN CASE             | 12        |
| • DRIVEN PULLEY          | 14        |
| <b>SUSPENSION</b>        | <b>16</b> |
| • FRONT SHAFT            |           |
| • RUBBER TRACK           |           |
| • SLIDE                  | 20        |
| <b>SKI</b>               | <b>24</b> |
| • SKI                    |           |
| • SPRING                 |           |
| • SHOCK ABSORBER         |           |
| <b>STEERING</b>          | <b>26</b> |
| • STEERING               |           |
| <b>BODY</b>              | <b>28</b> |
| • BODY                   |           |
| • SEAT                   |           |
| <b>HOOD</b>              | <b>30</b> |
| • HOOD                   |           |
| • WINDSHIELD             |           |
| • ORNAMENTS              |           |
| • ENGINE COVER           |           |
| <b>FUEL SYSTEM</b>       | <b>34</b> |
| • TANK, FILTER           |           |
| • THROTTLE, ETC. . .     |           |
| <b>ENGINE</b>            | <b>40</b> |
| <b>TOOL KIT</b>          | <b>52</b> |

# ENGINE MOUNT

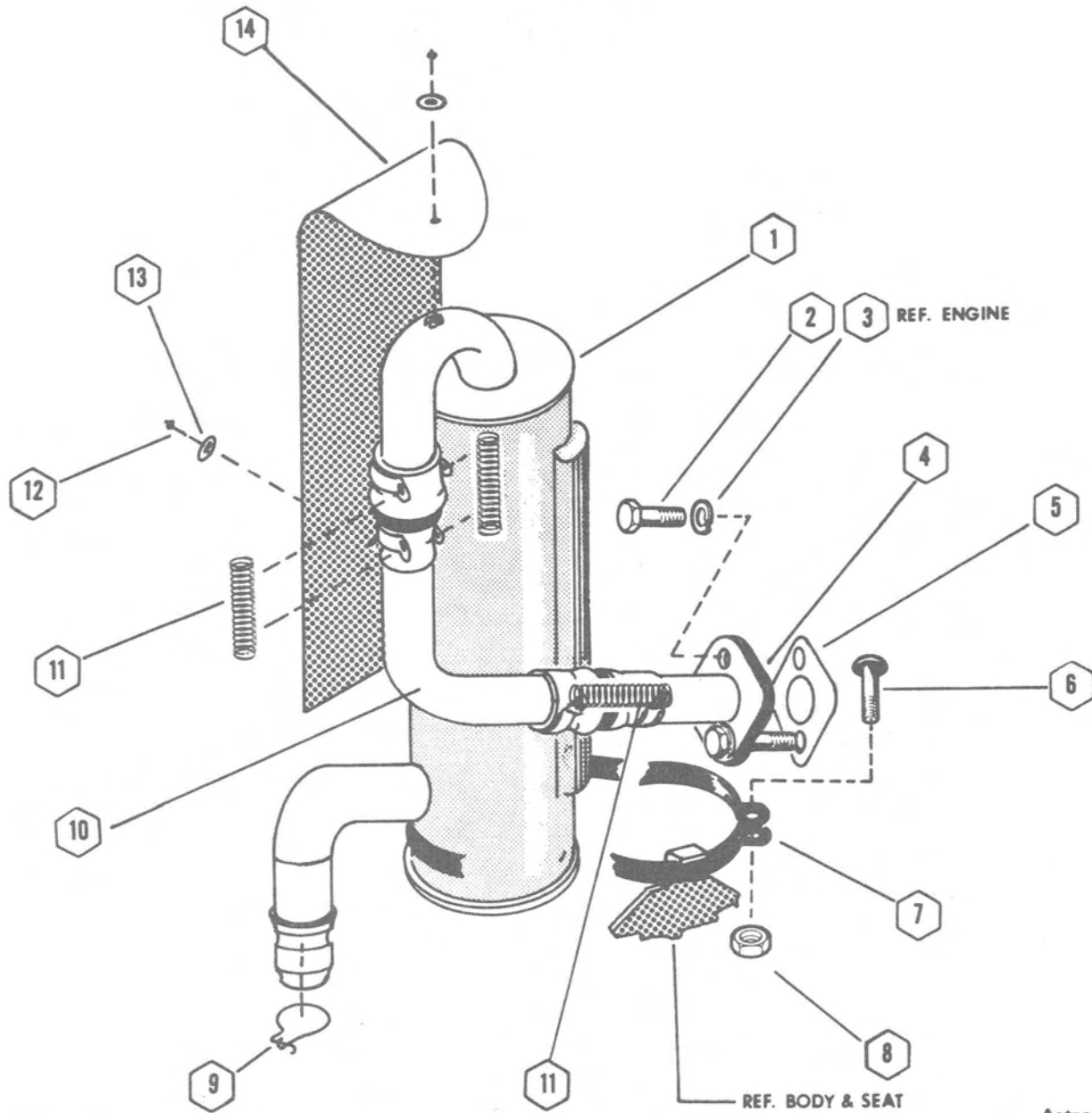


Astro Jet  
1976

| No. | Sno*Jet | Description                          |   |
|-----|---------|--------------------------------------|---|
| 1   | 916879  | Step bolt                            | 4 |
| 2   | 913162  | Cap screw                            | 1 |
| 3   | 916730  | Star washer                          | 4 |
| 4   | 020375  | Rubber spacer                        | 1 |
| 5   | 130116  | Angle clutch guard                   | 1 |
| 6   | 912829  | Flat washer                          | 1 |
| 7   | 912724  | Locknut                              | 1 |
| 8   | 912740  | Locknut                              | 8 |
| 9   | 050223  | Flat washer                          | 4 |
| 10  | 020369  | Engine base                          | 1 |
| 11  | 020086  | Rubber pad washer                    | 4 |
| 12  | 020085  | Pad engine rubber                    | 4 |
| 13  | 020337  | Cross base                           | 2 |
| 14  | 020113  | Mount engine rubber                  | 4 |
| 15  | 914378  | Jam nut                              | 4 |
| 16  | 020116  | Bolt engine frame (Ref. body & seat) | 4 |
| 17  | 810102  | Nut                                  | 4 |
| 18  | 810101  | Stud                                 | 4 |
| 19  | 916530  | Star washer                          | 4 |

# EXHAUST

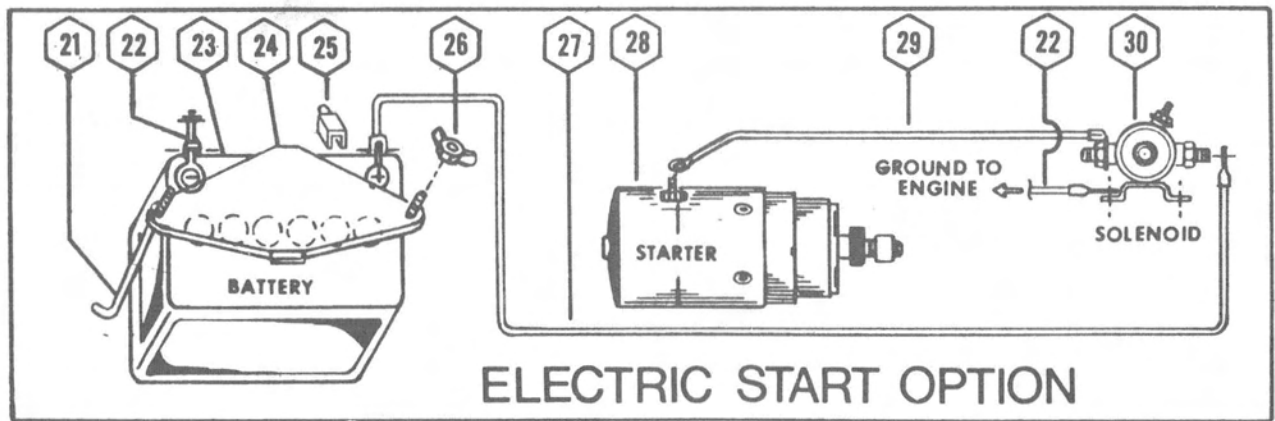
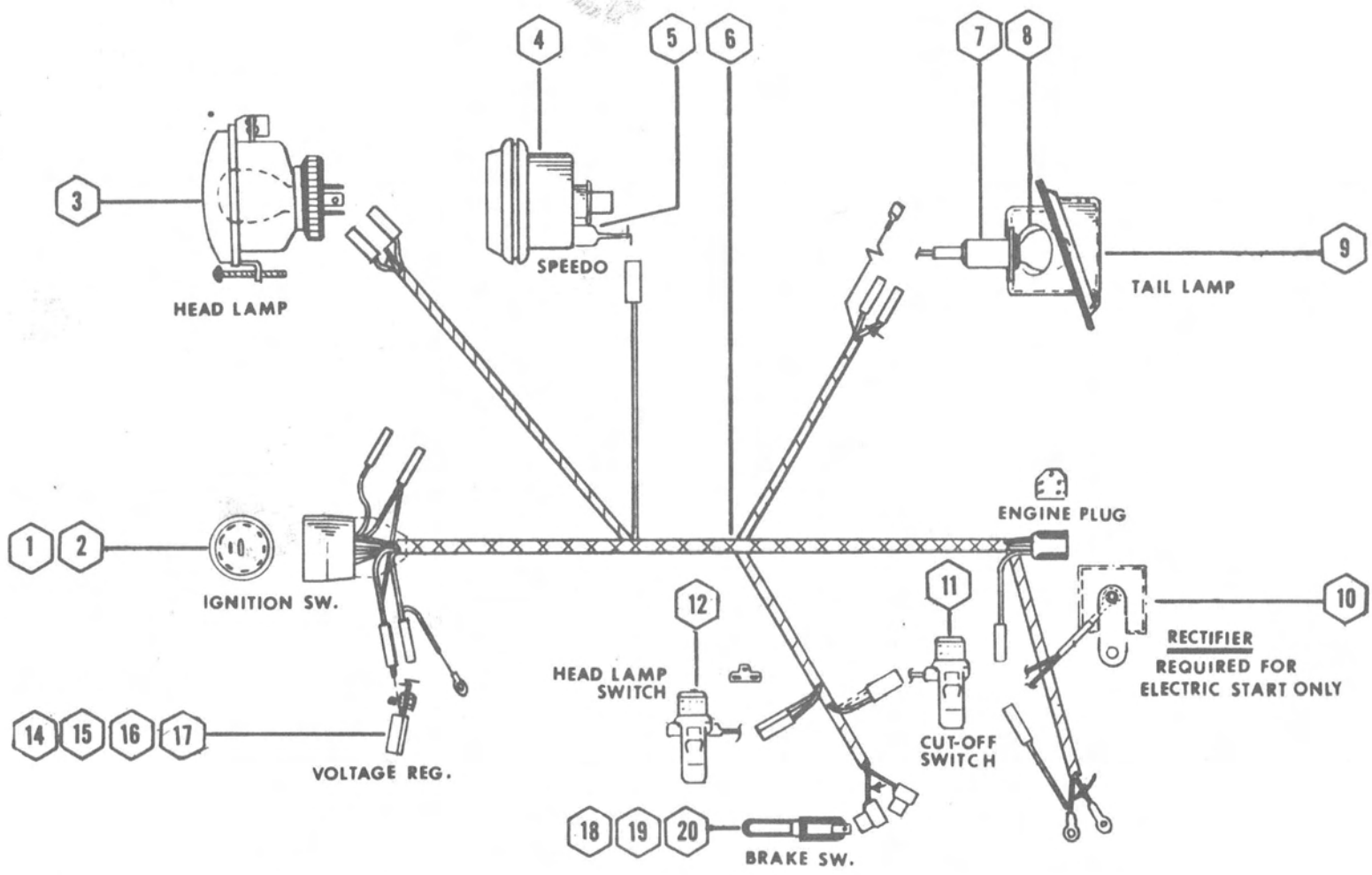
3



Astro Jet  
1976

| No. | Sno*Jet | Description            |   |
|-----|---------|------------------------|---|
| 1   | 030272  | Muffer weld            | 1 |
| 2   | 810085  | Bolt                   | 2 |
| 3   | 810456  | Washer, spring         | 2 |
| 4   | 030275  | Assembly exhaust pipe  | 1 |
| 5   | 810084  | Gasket, exhaust        | 1 |
| 6   | 912206  | Machine screw          | 1 |
| 7   | 030288  | Muffer clamp           | 1 |
| 8   | 914355  | Nut                    | 1 |
| 9   | 030202  | Ball joint clip        | 1 |
| 10  | 030276  | Assembly exhaust elbow | 1 |
| 11  | 030186  | Ball joint spring      | 4 |
| 12  | 916691  | Rivet .19 dia.         | 2 |
| 13  | 150093  | Washer                 | 2 |
| 14  | 030308  | Shield, muffer         | 1 |

# ELECTRIC SYSTEM



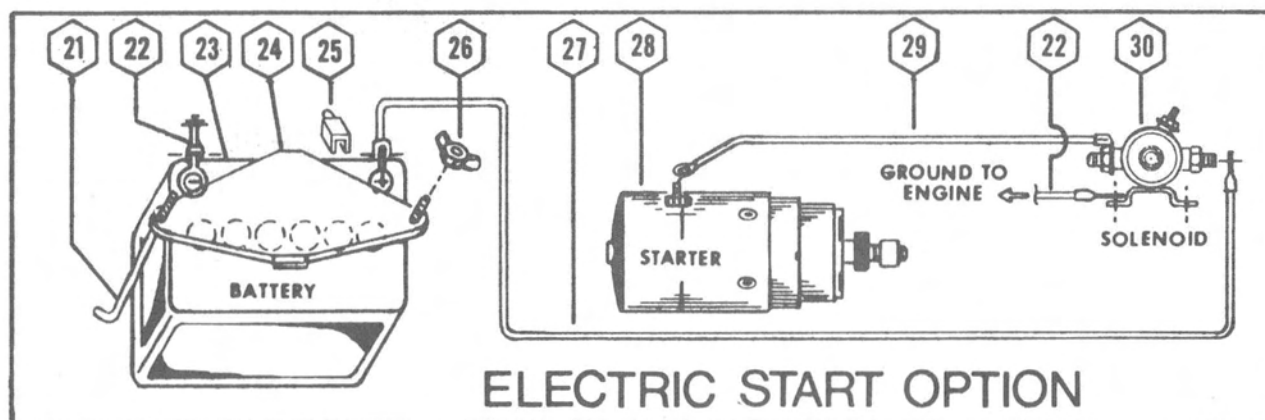
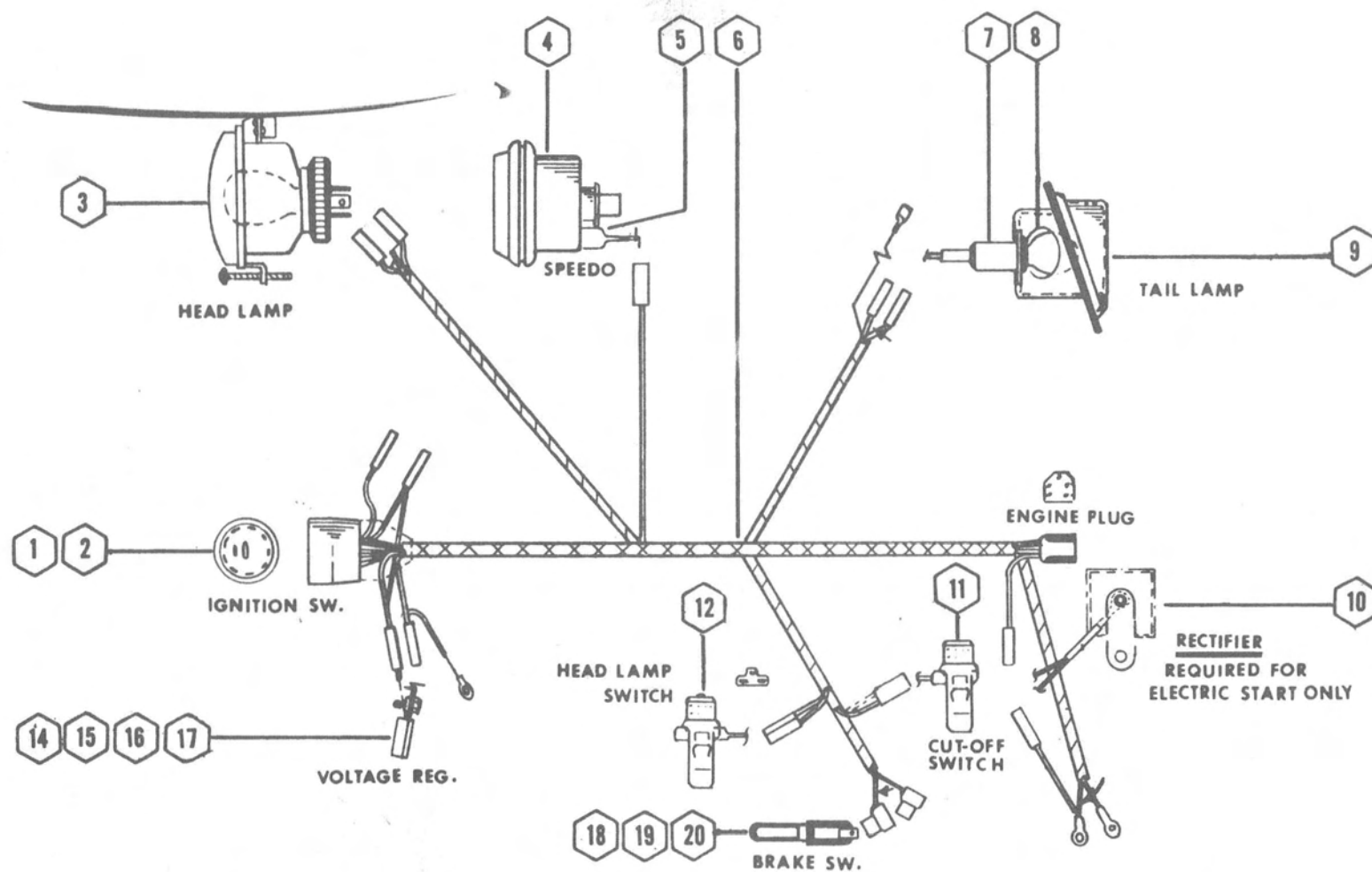
# ELECTRIC SYSTEM

5

Astro Jet  
1976

| No. | Sno*Jet | Description                                      |    |
|-----|---------|--------------------------------------------------|----|
| 1   | 040413  | Ignition switch                                  | 1  |
| 2   | 040455  | Cap, moisture proof (REF. Hood and engine cover) | 1  |
| 3   |         | Assembly head lamp (order components only)       |    |
| —   | 040371  | • Unit Headlamp                                  | 1  |
| —   | 040382  | • Washer socket                                  | 1  |
| —   | 040383  | • Holder socket                                  | 1  |
| —   | 040384  | • Seal rubber                                    | 1  |
| —   | 040385  | • Bulb                                           | 1  |
| —   | 040372  | Head lamp mounting kit                           | 1  |
|     |         |                                                  |    |
| 4   | 160229  | Speedometer Head                                 | 1  |
| 5   | 040110  | Speedometer bulb                                 | 1  |
| 6   | 040458  | Wiring harness                                   | 1  |
| —   |         | Assembly tail lamp stop (order components only)  |    |
| 7   | 040367  | • Socket                                         | 1  |
| 8   | 040369  | • Bulb                                           | 1  |
| 9   | 040368  | • Base and Lens                                  | 1  |
|     |         |                                                  |    |
| 10  | 040161  | Rectifier (see electric start option)            | 1  |
| 11  | 040450  | Cut-off switch                                   | 1  |
| 12  | 040454  | Dimmer switch                                    | 1  |
| 14  | 040430  | Light regulator (Ref. Hood and Engine cover)     | 1  |
| 15  | 914083  | Machine screw (Ref. Hood and Engine cover)       | 2  |
| 16  | 916535  | Lock washer (Ref. Hood and Engine cover)         | 2  |
| 17  | 916521  | Nut (Ref. Hood and Engine cover)                 | 2  |
| 18  | 070094  | Brake switch                                     | 1  |
| 19  | 916535  | Lock washer (ground wire)                        | 1  |
| 20  | 916521  | Nut                                              | 2  |
| —   | 916557  | Ty-rap-tie                                       | 14 |
| —   | 916606  | Clip retaining "U"                               | 2  |
| —   | 916737  | Screw for Clip                                   | 3  |
| —   | 916769  | Clip wiring                                      | 1  |
| —   | 916782  | Clip wiring                                      | 1  |
| —   | 916837  | Ty-rap-tie                                       | 1  |
| —   | 916931  | Clip wiring                                      | 1  |
|     |         |                                                  |    |
|     |         | ELECTRIC START OPTION                            |    |
|     |         |                                                  |    |
| 10  | 040161  | Rectifier (see Electric System)                  | 1  |
| 21  | 040235  | Bolt anchor                                      | 2  |
| 22  | 040164  | Wire negative                                    | 2  |
| 23  | 040172  | Battery                                          | 1  |
| 24  | 040464  | Cage battery                                     | 1  |
| 25  | 040484  | Battery rubber boot                              | 1  |
| 26  | 916509  | Wing nut                                         | 2  |

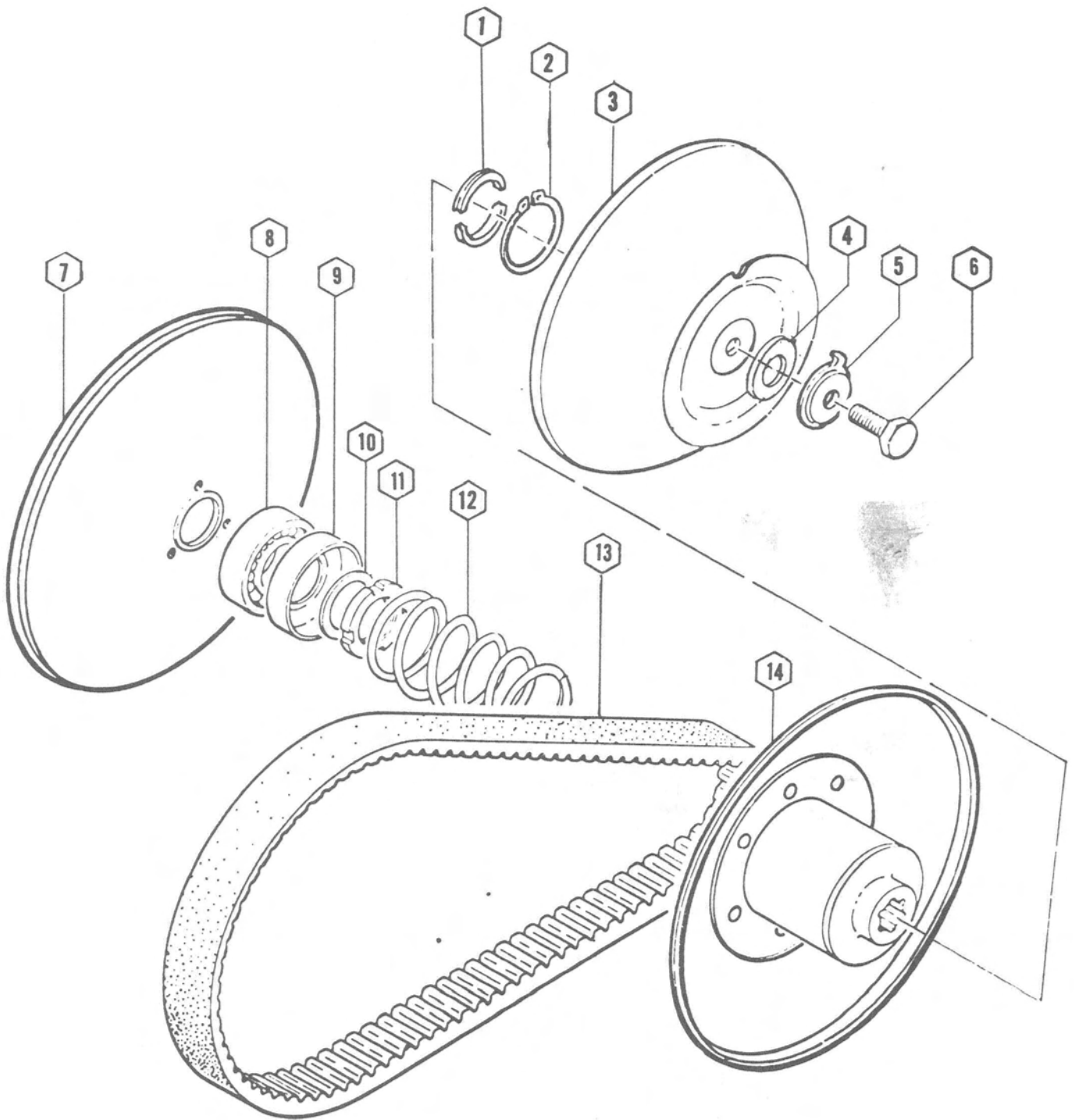
## ELECTRIC SYSTEM



## 7

[illegible]

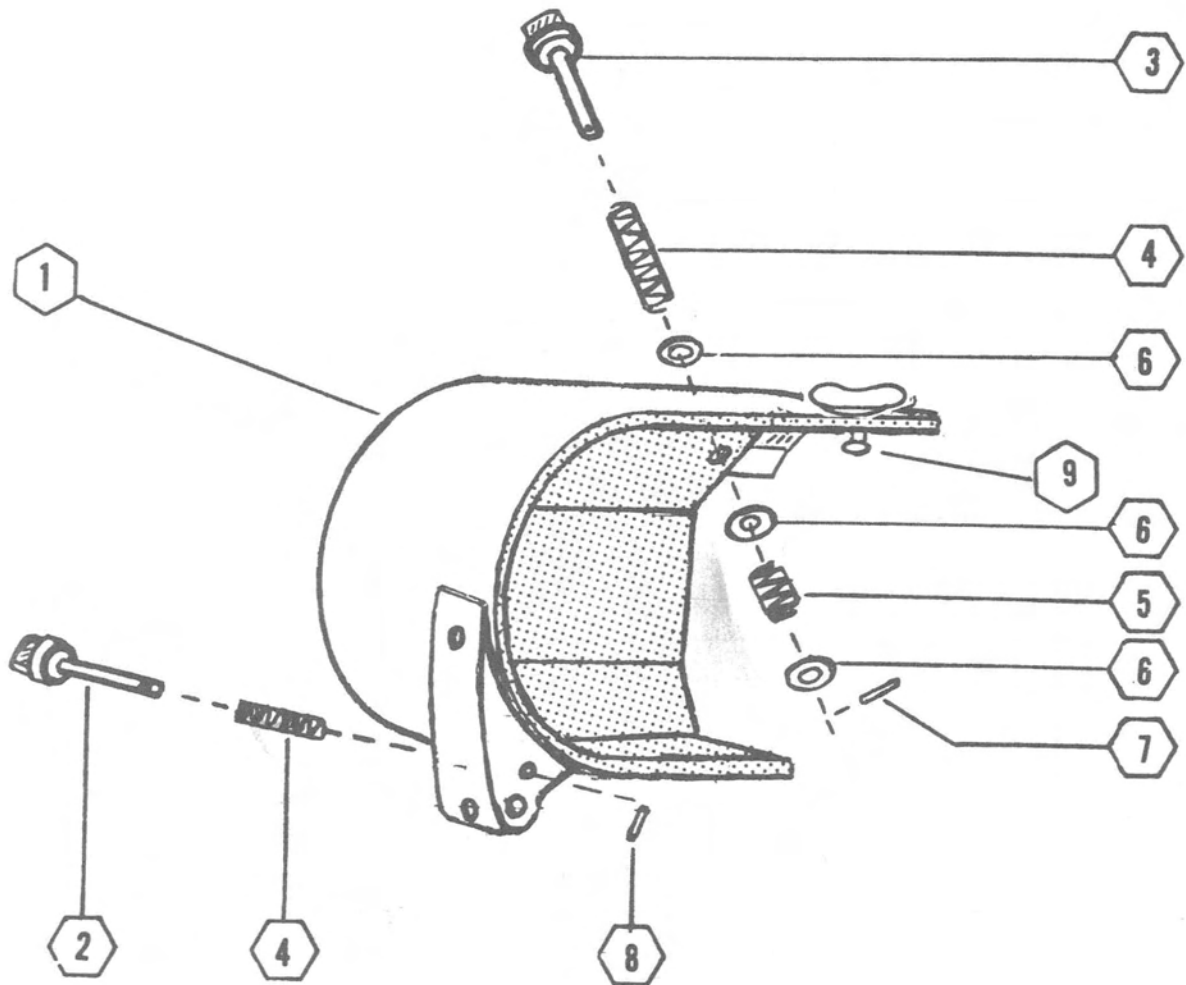
## DRIVE



## 9

[illegible]

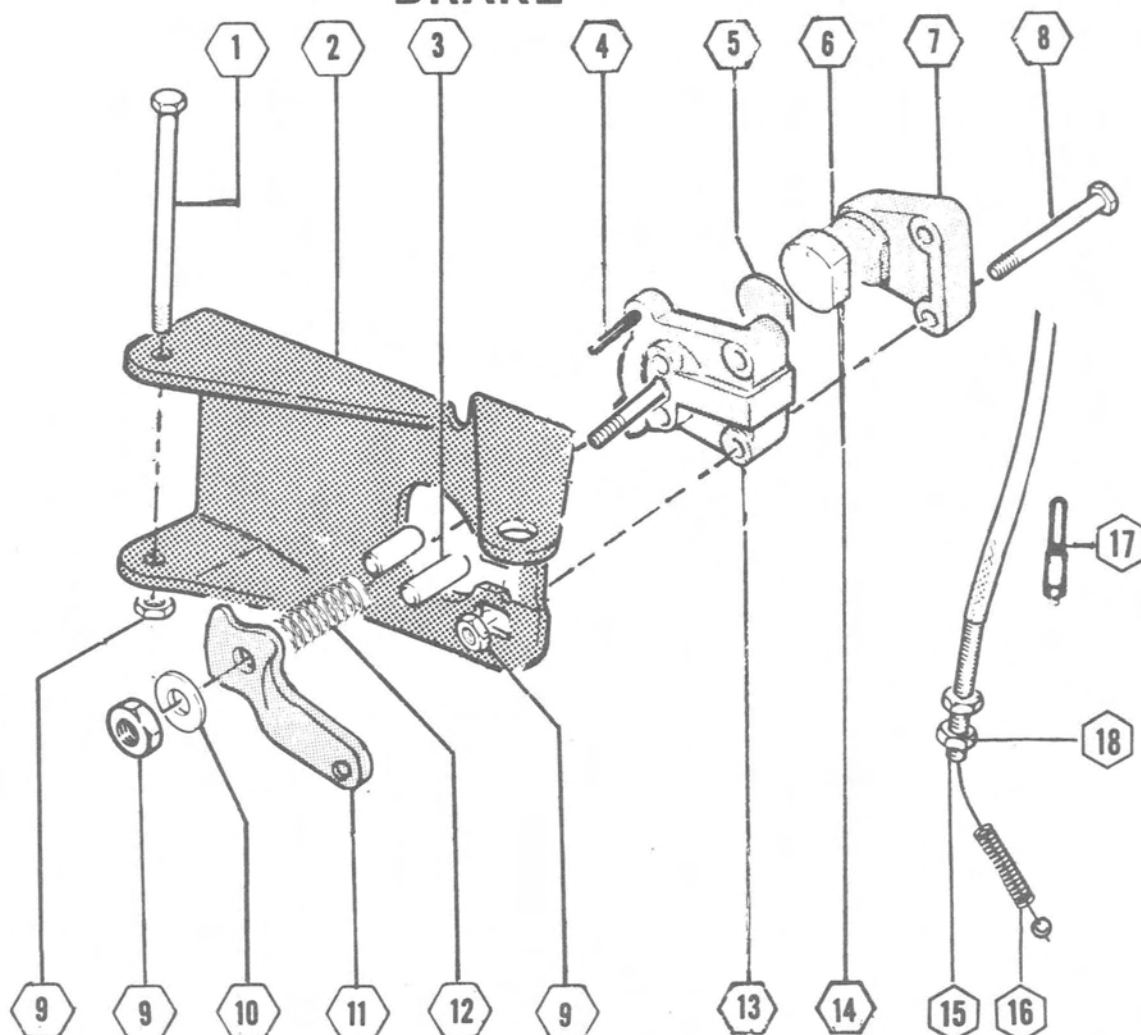
# GUARD PULLEY



Astro Jet  
1976

| No. | Sno*Jet | Description                          |   |
|-----|---------|--------------------------------------|---|
| 1   | 130179  | Assembly guard pulley                | 1 |
| 2   | 130120  | • Knob guard                         | 1 |
| 3   | 130121  | • Knob guard                         | 1 |
| 4   | 110088  | • Spring (knob)                      | 2 |
| 5   | 110090  | • Spring (knob)                      | 1 |
| 6   | 916902  | • Washer                             | 3 |
| 7   | 916900  | • Roll pin                           | 1 |
| 8   | 916901  | • Roll pin                           | 1 |
| 9   | 916713  | Quarter turn fastener (see steering) | 1 |

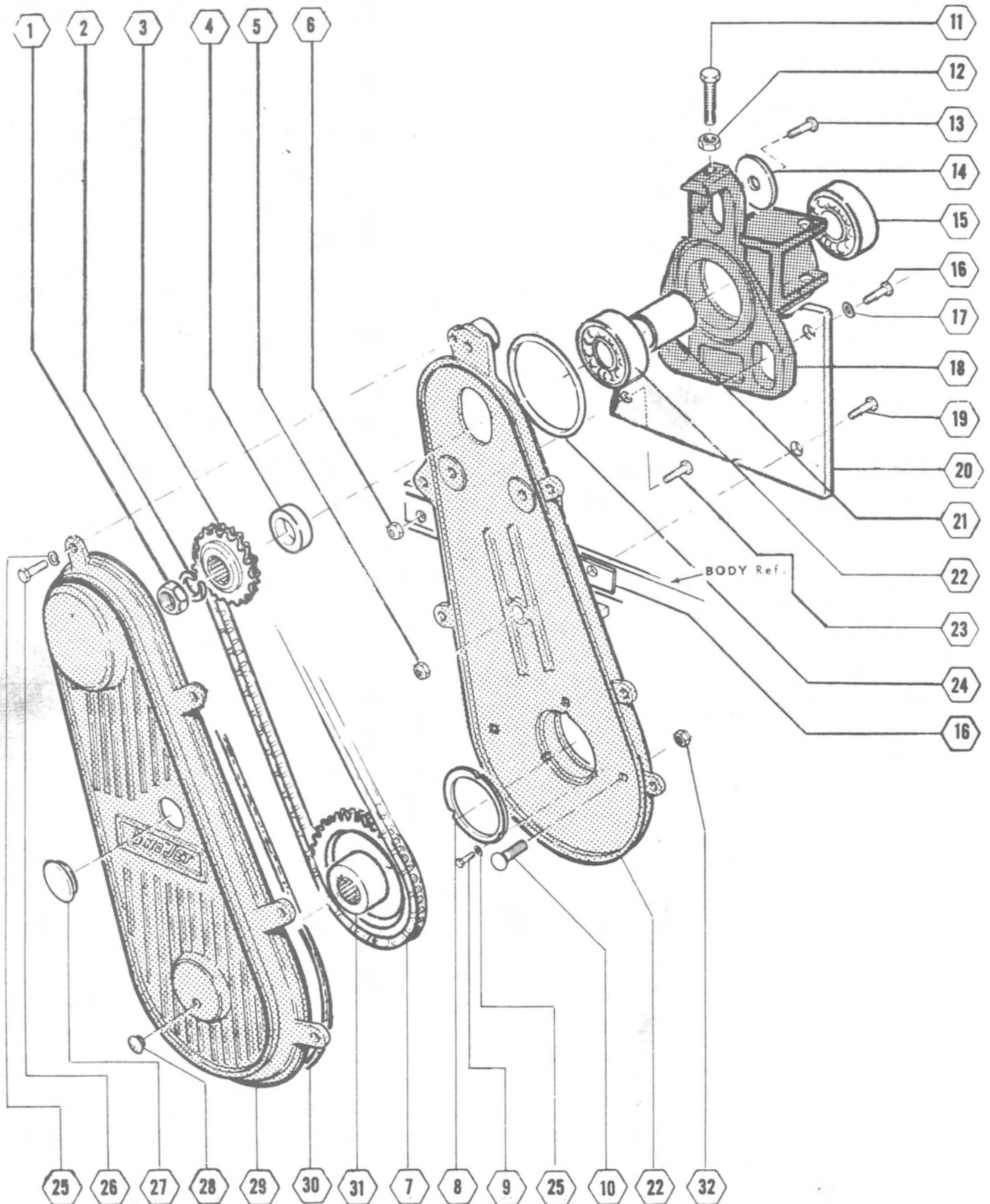
## BRAKE



Astro Jet  
1976

| No. | Sno*Jet | Description                   |   |
|-----|---------|-------------------------------|---|
|     | 070095  | Assembly brake                | 1 |
| 1   | 913294  | • Cap screw                   | 1 |
| 2   | 070044  | • Support disc brake          | 1 |
| 3   | 070002  | • Push rod                    | 2 |
| 4   | 070003  | • Pin stop lever              | 1 |
| 5   | 070004  | • Washer backup               | 1 |
| 6   | 070009  | • Lining brake 5/16"          | 1 |
| 7   | 070005  | • Housing brake               | 1 |
| 8   | 070060  | • Cap screw                   | 2 |
| 9   | 914337  | • Locknut                     | 3 |
| 10  | 070001  | • Washer                      | 1 |
| 11  | 070097  | • Lever                       | 1 |
| 12  | 110001  | • Spring                      | 1 |
| 13  | 070006  | • Housing lever               | 1 |
| 14  | 070010  | • Lining brake 1/2"           | 1 |
| 15  | 070111  | Housing brake cable with wire | 1 |
| 16  | 070040  | Return — spring               | 1 |
| 17  | 070094  | Brake switch                  | 1 |
| 18  | 914418  | Hex jam nut                   | 2 |

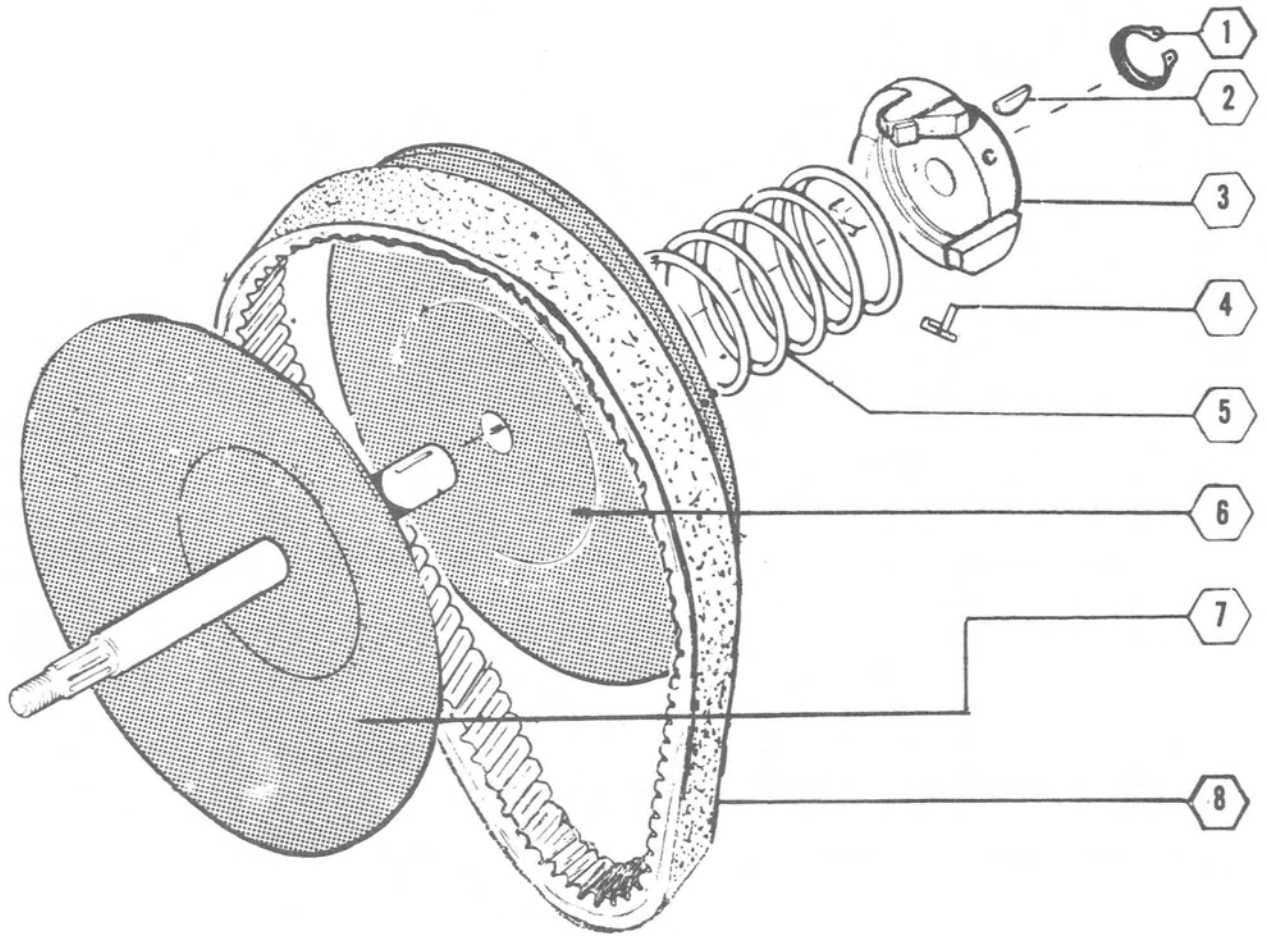
## CHAIN CASE



**13**  
Astro Jet  
1976

[illegible]

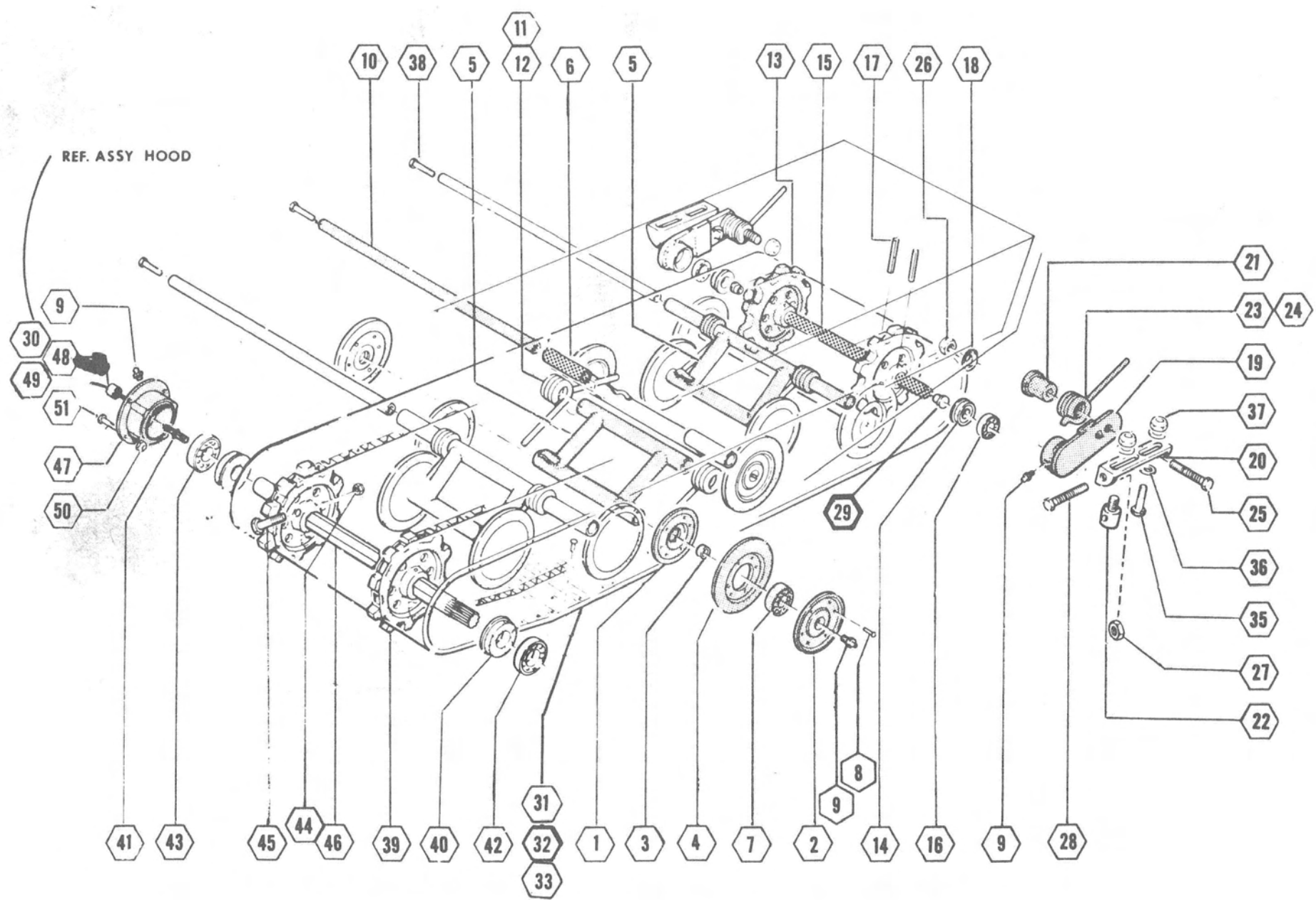
## DRIVEN PULLEY



## 15

[illegible]

# BOGIE SUSPENSION

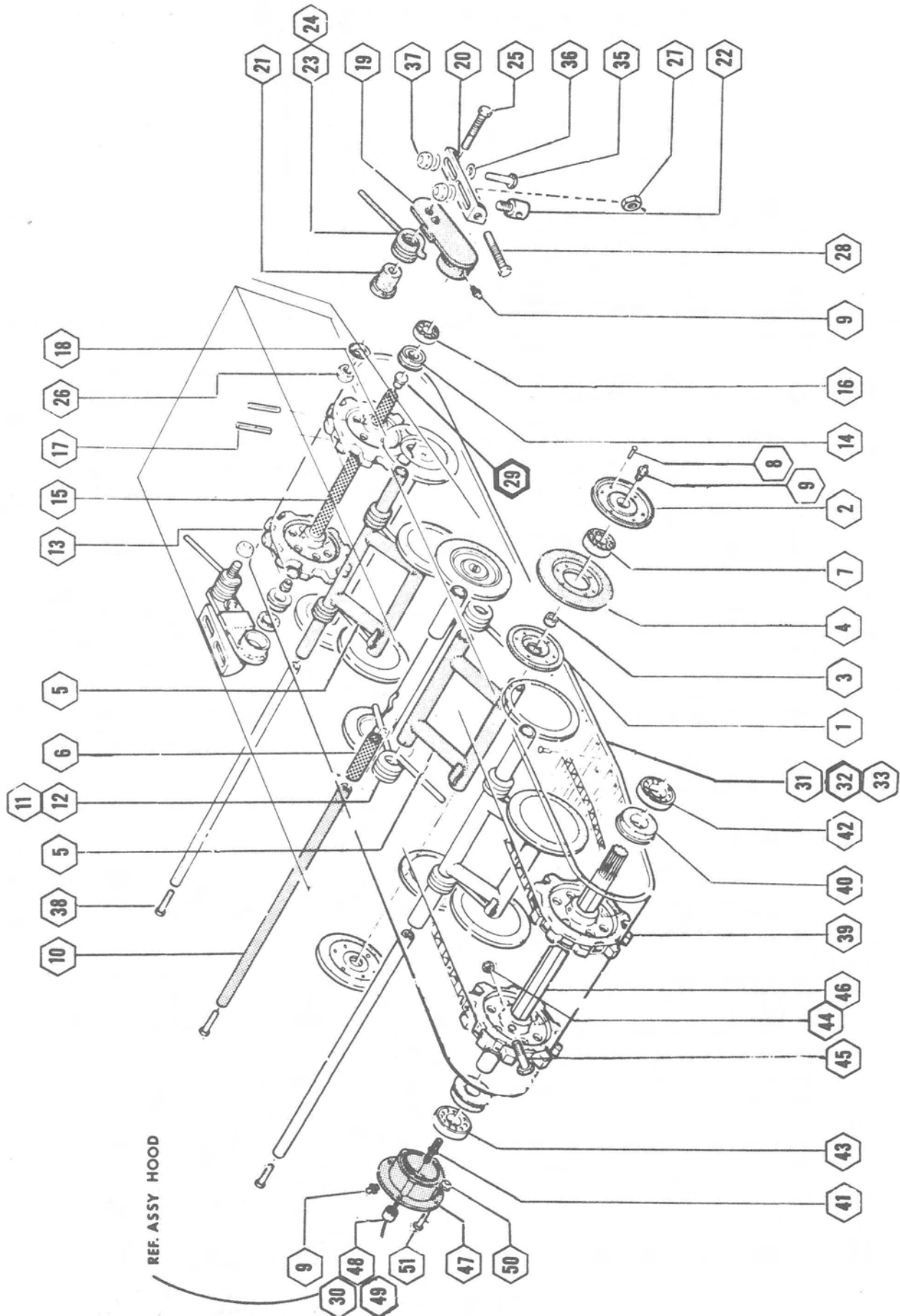


# BOGIE SUSPENSION

17  
Astro Jet  
1976

| No. | Sno*Jet | Description                              |                       |
|-----|---------|------------------------------------------|-----------------------|
| —   | 060638  | Assembly bogie                           | 3                     |
| —   | 060637  | • Assembly large bogie                   | 3                     |
| —   | 060636  | • Assembly small bogie                   | 3                     |
| 1   | 060028  | • • Inner flange                         | 2                     |
| 2   | 060029  | • • Outer flange                         | 2                     |
| 3   | 060030  | • • Grease cup 12 total                  | 2                     |
| 4   | 060441  | • • Wheel 12 total                       | 2                     |
| 5   | 060053  | • • Small bogie frame                    | Quantity per 1        |
| 6   | 060493  | • • Large bogie frame                    | bogie assembly 1      |
| 7   | 770003  | • • Bearing                              | 2                     |
| 8   | 916612  | • • Rivet                                | 12                    |
| 9   | 916689  | • • Grease fitting (1 each Item 19 & 47) | 2                     |
| 10  | 060062  | • Aluminum shaft                         | 3                     |
| 11  | 110002  | • Spring R.H.                            | 3                     |
| 12  | 110003  | • Spring L.H.                            | 3                     |
| —   | 060498  | Assembly rear suspension                 | 1                     |
| —   | 060497  | • Assembly rear shaft                    | 1                     |
| 13  | 060496  | • • Sprocket                             | 2                     |
| 14  | 060024  | • • Oil seal                             | 2                     |
| 15  | 060047  | • • Rear shaft                           | 1                     |
| 16  | 770003  | • • Bearing                              | 2                     |
| 17  | 916550  | • • Roll pin (2 per sprocket)            | 4                     |
| —   | 060243  | • Assembly adjustable link plate R.H.    | 1                     |
| —   | 060244  | • Assembly adjustable link plate L.H.    | 1                     |
| 18  | 020086  | • • Rubber pad washer                    | 1                     |
| 19  | 060031  | • • Link plate                           | 1                     |
| 20  | 060034  | • • Bracket                              | 1                     |
| 21  | 060050  | • • Rubber bushing                       | 1                     |
| 22  | 060051  | • • Eye bolt                             | 1                     |
| 23  | 110005  | • • Tension spring R.H.                  | Quantity per 1        |
| 24  | 110004  | • • Tension spring L.H.                  | link plate assembly 1 |
| 25  | 910257  | • • Cap Screw                            | 1                     |
| 26  | 912740  | • • Locknut                              | 1                     |
| 27  | 914377  | • • Nut                                  | 1                     |
| 28  | 913294  | • • Bolt                                 | 1                     |
| 29  | 060044  | • • Plug                                 | 2                     |
| 30  | 160005  | Square drive speedometer                 | 1                     |
| 31  | 060308  | Track                                    | 1                     |
| 32  | 060405  | • Clips                                  | 116                   |
| 33  | 060039  | • Strainer bar                           | 58                    |
| 34  | 916613  | • Rivet                                  | 116                   |
| 35  | 910141  | Bolt                                     | 2                     |
| 36  | 912830  | Washer                                   | 6                     |
| 37  | 914377  | Nut                                      | 4                     |
| 38  | 916920  | Hex cap screw                            | 6                     |

## BOGIE SUSPENSION



## 19

[illegible]



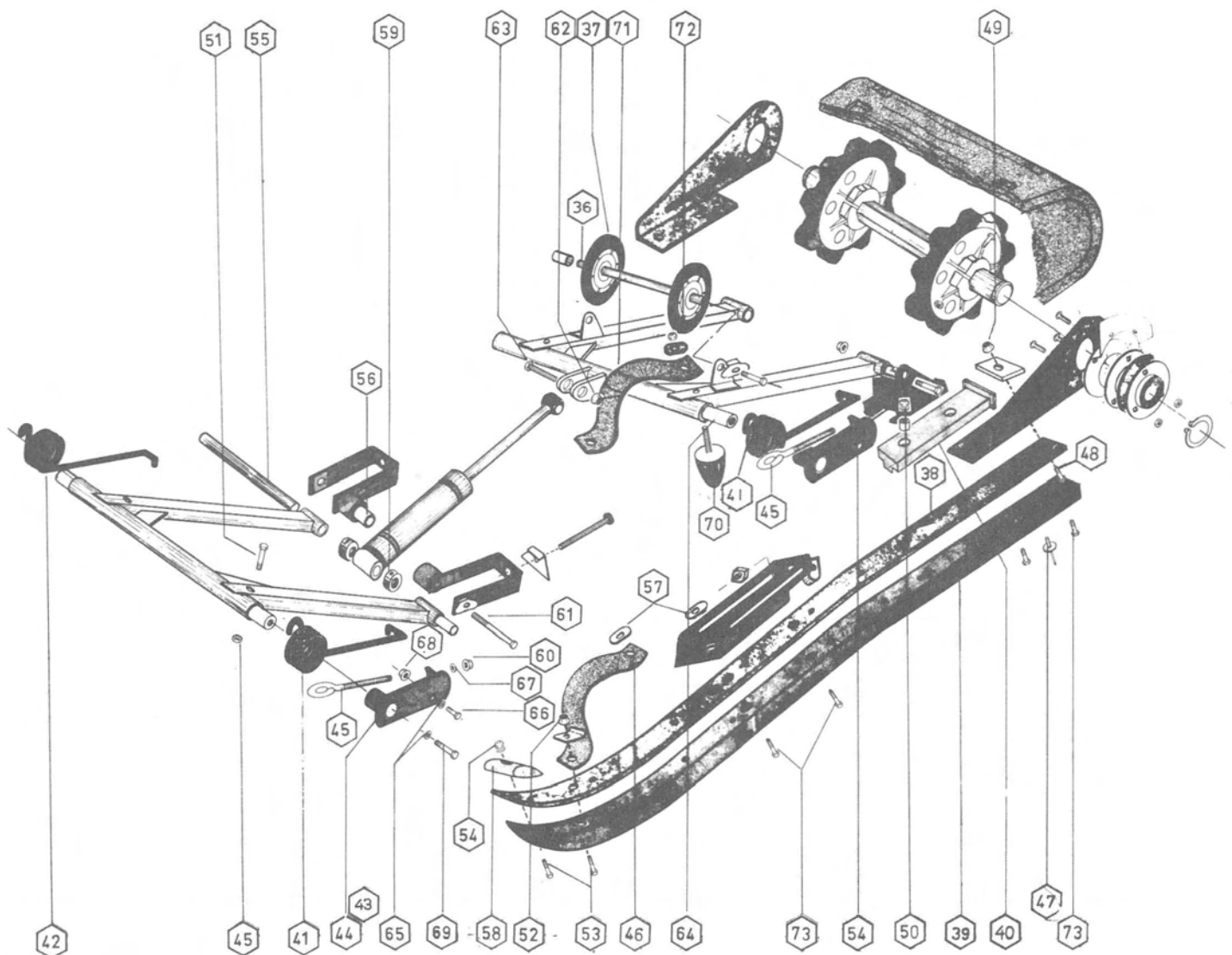
# SLIDE SUSPENSION

21

Astro Jet  
1976

| No. | Sno*Jet | Description                  |     |
|-----|---------|------------------------------|-----|
| —   | 060519  | Assembly slide suspension    | 1   |
| —   | 060517  | • Assembly rear shaft        | 1   |
| 1   | 050465  | • • Sprocket                 | 2   |
| 2   | 060529  | • • Rear shaft hex           | 1   |
| 3   | 060386  | • • Link plate L.H.          | 1   |
| 4   | 060387  | • • Link Plate R.H.          | 1   |
| 5   | 060456  | • • Shim bearing flange      | 2   |
| 6   | 770007  | • • Bearing flange           | 4   |
| 7   | 770009  | • • Bearing                  | 2   |
| 8   | 912725  | • • Locknut                  | 6   |
| 9   | 914154  | • • Carriage bolt            | 6   |
| 10  | 912738  | • • Hex nut                  | 4   |
| 11  | 913206  | • • Hex cap screw            | 4   |
| 12  | 916815  | • • Retaining ring           | 2   |
| 13  | 060513  | • • Guide plate R.H.         | 1   |
| 14  | 060514  | • • Guide plate L.H.         | 1   |
| 15  | 060454  | Link Stiffener               | 2   |
| 16  | 060506  | Track                        | 1   |
| —   | 060405  | • Clips                      | 116 |
| —   | 060039  | • Strainer bar               | 58  |
| —   | 916613  | • Rivets                     | 110 |
| —   | 060521  | • Assembly adjuster box L.H. | 1   |
| —   | 060522  | • Assembly adjuster box R.H. | 1   |
| 17  | 060348  | • • Adjustment Box           | 2   |
| 18  | 060429  | • • Adjuster                 | 2   |
| 19  | 060445  | • • Tab washer               | 4   |
| 20  | 916721  | • • Hex. cap screw           | 2   |
| 21  | 060520  | • • "U" Retainer nut         | 2   |
| 22  | 912679  | • • Square nut               | 2   |
| 23  | 060353  | Washer stop belt             | 4   |
| 24  | 060351  | Spacer Bracket runner        | 4   |
| 25  | 060352  | Bearing spacer arm           | 2   |
| 26  | 060467  | Front arm                    | 1   |
| 27  | 060468  | Shock Absorber               | 1   |
| 28  | 060475  | Rear arm                     | 1   |
| 29  | 060345  | Runner                       | 2   |
| 30  | 060445  | Tab washer                   | 2   |
| 31  | 060352  | Bearing spacer arm           | 2   |
| 32  | 912739  | Lock nut                     | 2   |
| 33  | 916723  | Cap screw                    | 2   |
| 34  | 916149  | Hex. cap screw               | 2   |
| 35  | 060389  | Sleeve - fixation            | 2   |

## SLIDE SUSPENSION



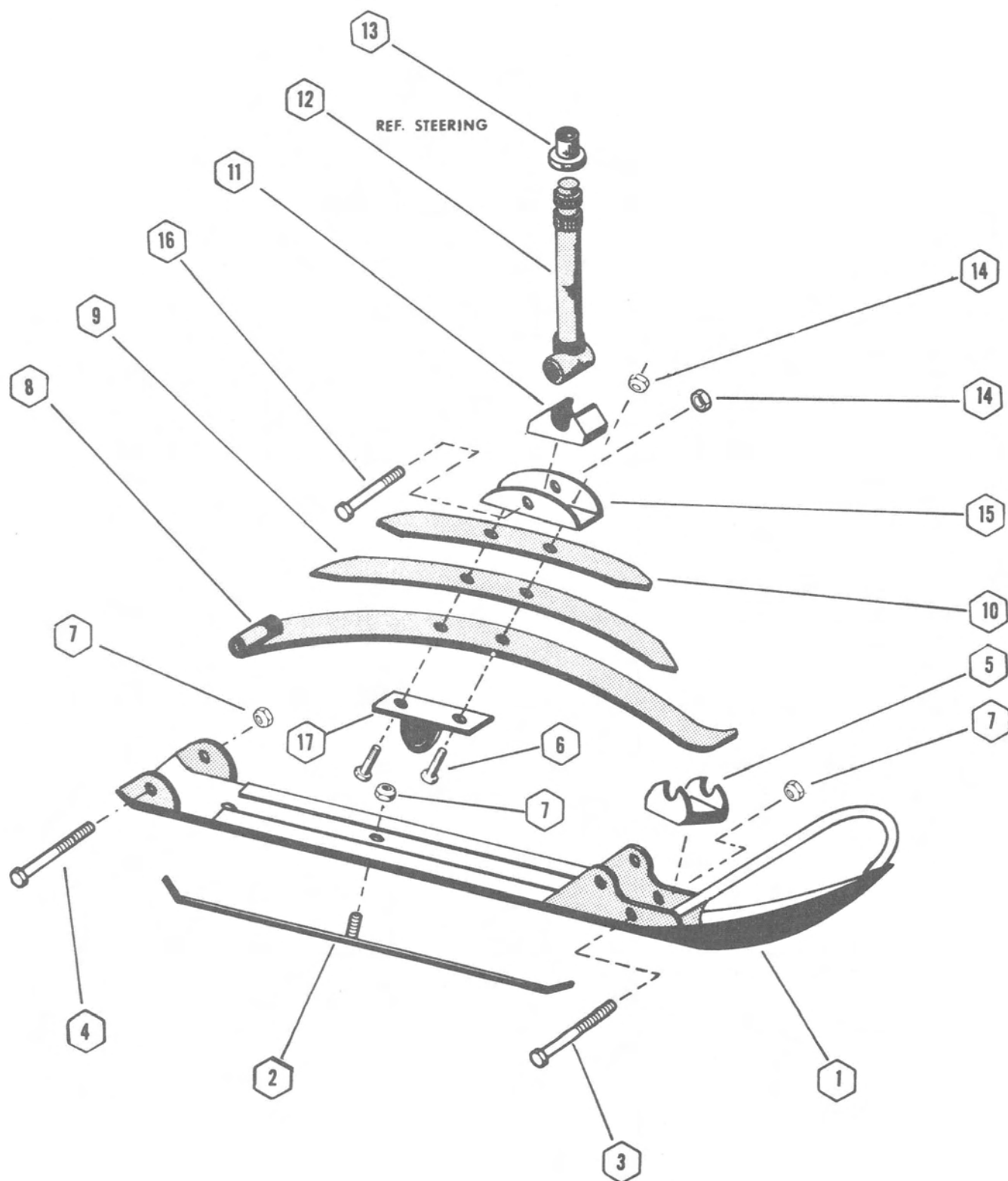
# SLIDE SUSPENSION

23

Astro Jet  
1976

| No. | Sno*Jet | Description                                  |    |
|-----|---------|----------------------------------------------|----|
| 36  | 060390  | Idler shaft                                  | 1  |
| —   | 060413  | Assembly idler wheel                         | 1  |
| 37  | 060414  | Idler wheel                                  | 2  |
| —   | 770001  | Bearing                                      | 1  |
| —   | 916724  | Retaining ring                               | 1  |
| 38  | 060470  | Slide blade                                  | 2  |
| 39  | 060171  | Slide                                        | 2  |
| 40  | 060391  | Bearing runner                               | 2  |
| 41  | 110066  | Spring L.H.                                  | 2  |
| 42  | 110067  | Spring R.H.                                  | 2  |
| 43  | 060407  | Shaft holder R.H.                            | 2  |
| 44  | 060408  | Shaft holder L.H.                            | 2  |
| 45  | 060411  | Eye bolt                                     | 4  |
| 46  | 060406  | Front belt                                   | 2  |
| 47  | 916546  | Rivet                                        | 16 |
| 48  | 913278  | Hex. cap screw                               | 2  |
| 49  | 912730  | Hex. nut                                     | 2  |
| 50  | 912829  | Washer                                       | 6  |
| 51  | 910053  | Hex. cap screw                               | 2  |
| 52  | 912738  | Lock nut                                     | 8  |
| 53  | 916722  | Cap screw                                    | 4  |
| 54  | 912762  | Hex. nut                                     | 8  |
| 55  | 060416  | Shaft shock                                  | 1  |
| 56  | 060444  | Nylon bearing                                | 2  |
| 57  | 060431  | Washer                                       | 8  |
| 58  | 060382  | Bearing pad                                  | 2  |
| 59  | 060415  | Collar                                       | 2  |
| 60  | 912726  | Hex. nut                                     | 4  |
| 61  | 916937  | Hex. cap screw                               | 2  |
| 62  | 912740  | Lock nut                                     | 1  |
| 63  | 913366  | Hex. cap screw                               | 1  |
| 64  | 060473  | Shaft axle arm                               | 2  |
| 65  | 912831  | Washer                                       | 4  |
| 66  | 910243  | Hex. cap screw                               | 4  |
| 67  | 912831  | Washer                                       | 8  |
| 68  | 912740  | Lock nut                                     | 4  |
| 69  | 916745  | Cap screw                                    | 4  |
| 70  | 060435  | Bumper stop                                  | 2  |
| 71  | 060515  | Belt stopping rear                           | 2  |
| 72  | 912724  | Lock nut                                     | 2  |
| 73  | 916837  | Socket cap screw                             | 10 |
| 74  | 050561  | Assembly front shaft (Ref. bogie suspension) |    |

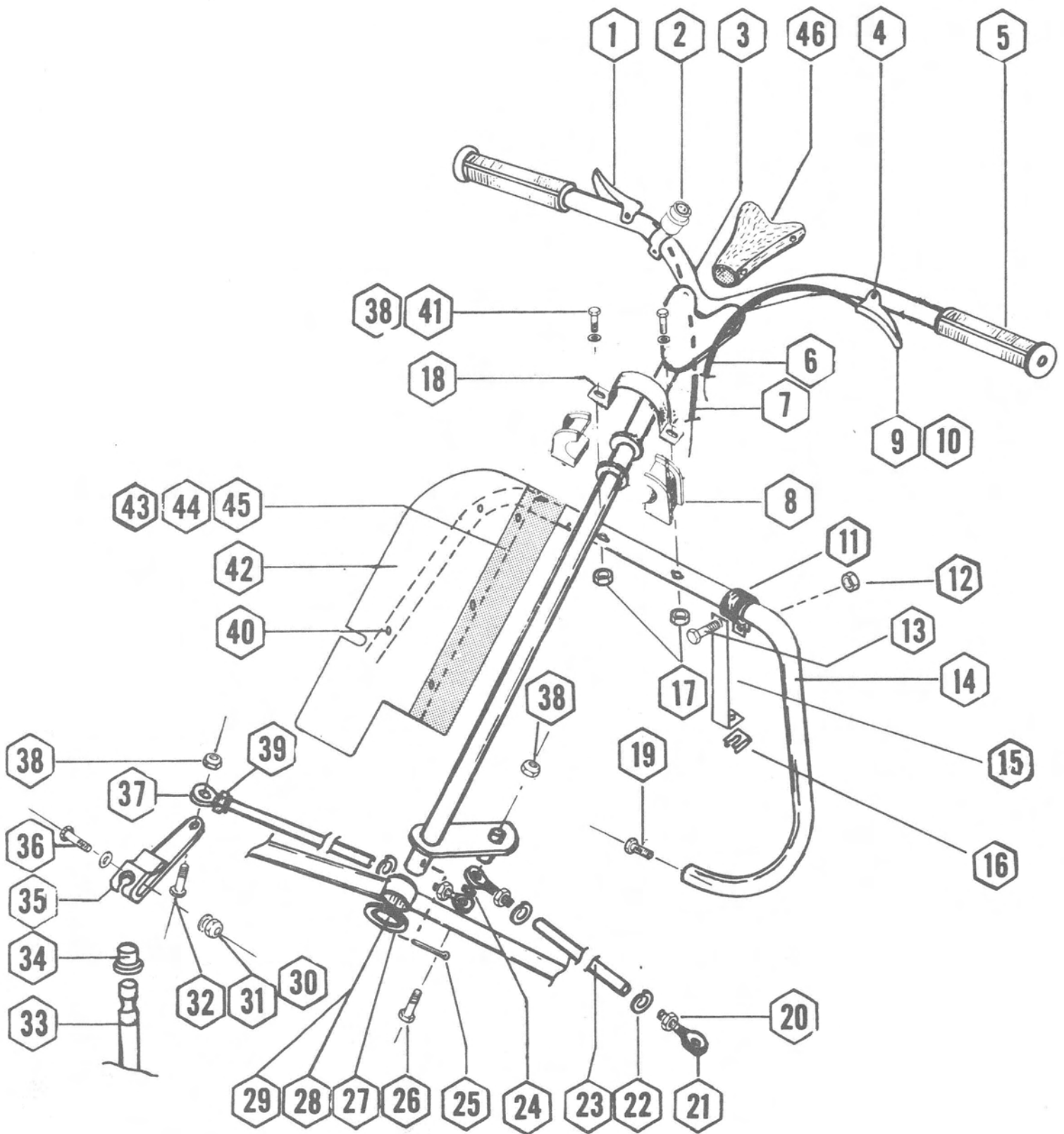
## SKI



## 25

[illegible]

## STEERING



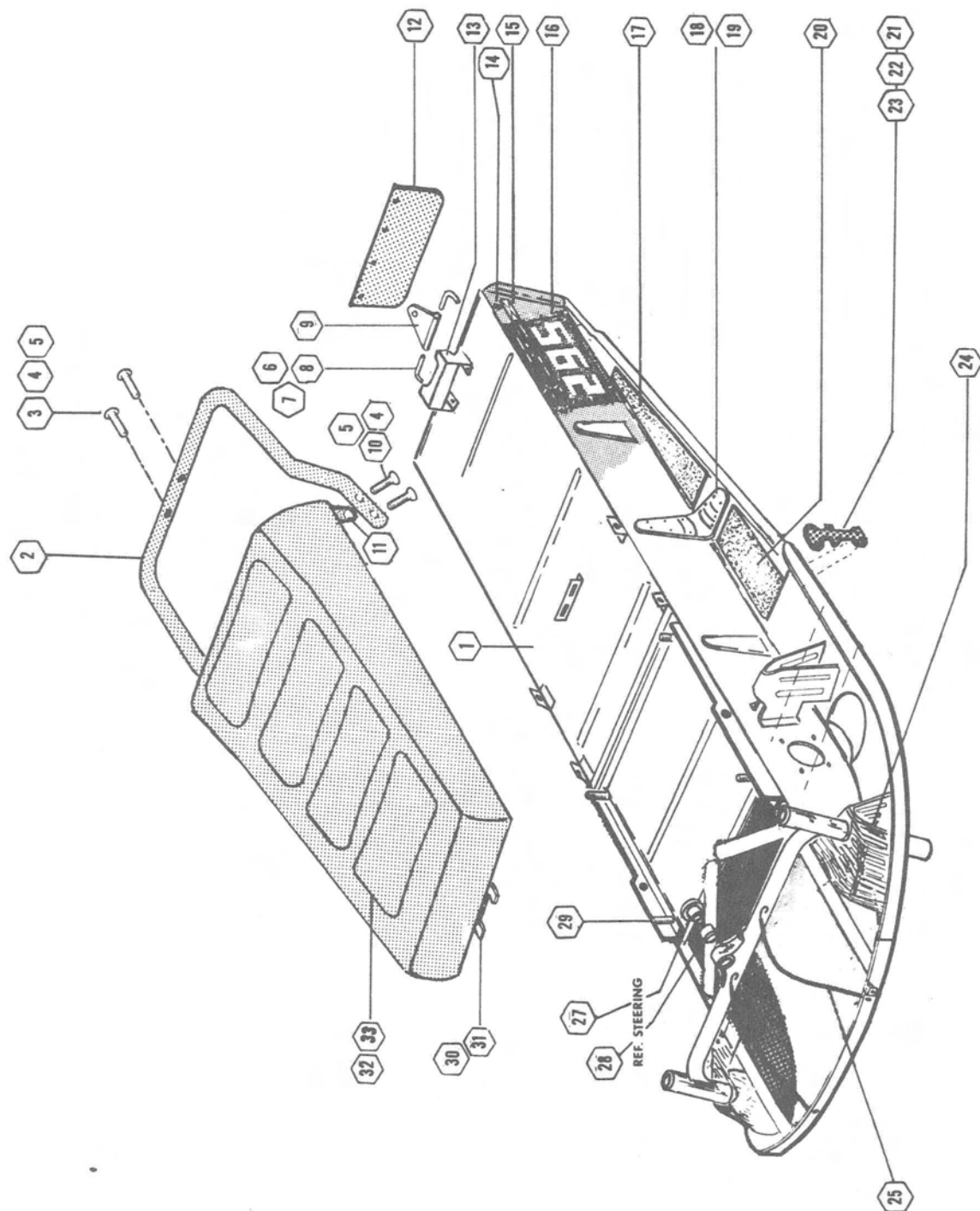
# STEERING

27

Astro Jet  
1976

| No. | Sno*Jet | Description             |   |
|-----|---------|-------------------------|---|
| 1   | 090162  | Lever                   | 1 |
| 2   | 040450  | Cut-off button          | 1 |
| 3   | 090648  | Steering weld           | 1 |
| 4   | 916540  | Rivets                  | 2 |
| 5   | 090246  | Handle grip             | 2 |
| 6   | 070112  | Assembly brake cable    | 1 |
| 7   | 791023  | Assembly throttle cable | 1 |
| 8   | 090044  | Half guide bushing      | 2 |
| 9   | 090356  | Lever brake             | 1 |
| 10  | 090387  | • Stop lever brake      | 1 |
| 11  | 030138  | Clamp                   | 1 |
| 12  | 912739  | Locknut                 | 3 |
| 13  | 910147  | Cap screw               | 1 |
| 14  | 090381  | Support steering        | 1 |
| 15  | 090527  | Fixation bracket        | 1 |
| 16  | 916714  | Clip on receptacle      | 1 |
| 17  | 912738  | Locknut                 | 1 |
| 18  | 090178  | Holder steering         | 1 |
| 19  | 910204  | Cap screw               | 2 |
| 20  | 916514  | Nut L.H. thd            | 2 |
| 21  | 916403  | Ball joint L.H.         | 2 |
| 22  | 916872  | Lock washer             | 4 |
| 23  | 090647  | Tie rod                 | 2 |
| 24  | 090281  | Spacer ball joint       | 2 |
| 25  | 913049  | Cotter pin              | 1 |
| 26  | 913370  | Cap screw               | 1 |
| 27  | 090179  | Washer                  | 1 |
| 28  | 100263  | Steering rubber bushing | 1 |
| 29  | 100261  | Bushing steering        | 1 |
| 30  | 912831  | Washer                  | 4 |
| 31  | 912740  | Locknut                 | 5 |
| 32  | 913364  | Cap screw               | 2 |
| 33  | 090052  | Ski spindle (ref. ski)  | 2 |
| 34  | 090053  | Bushing (ref. ski)      | 4 |
| 35  | 090163  | Steering arm            | 2 |
| 36  | 913360  | Cap screw               | 2 |
| 37  | 916404  | Ball joint R.H.         | 2 |
| 38  | 910047  | Cap screw               | 2 |
| 39  | 912602  | Nut                     | 2 |
| 40  | 912874  | Lock washer             | 2 |
| 41  | 916744  | Rivet                   | 3 |
| 42  | 090294  | Heat shield             | 1 |
| 43  | 090299  | Nylon heat shield       | 1 |
| 44  | 912825  | Washer                  | 3 |
| 45  | 916549  | Rivet                   | 3 |
| 46  | 090332  | Pad                     | 1 |

## BODY &amp; SEAT



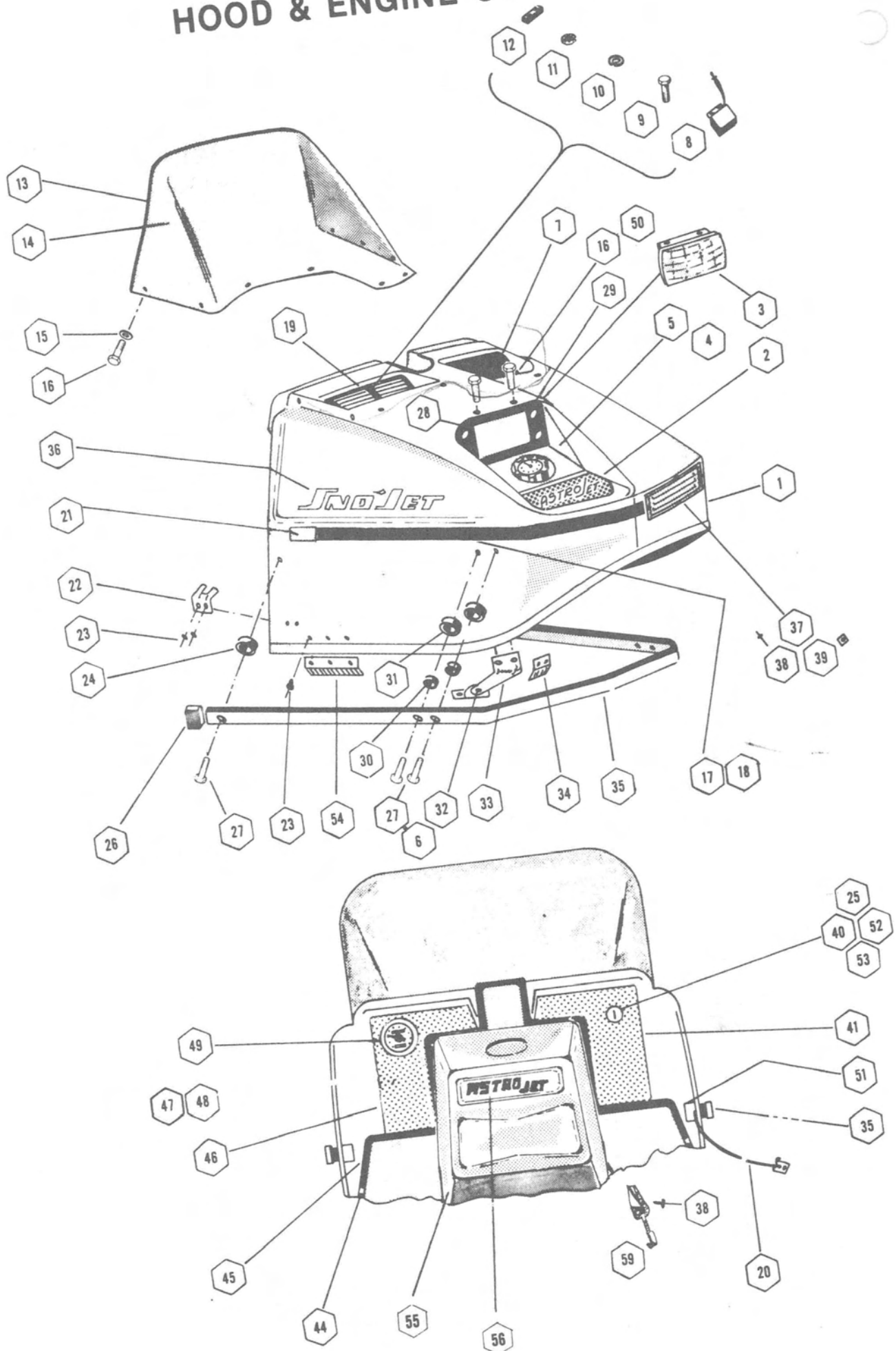
# BODY & SEAT

29

Astro Jet  
1976

| No. | Sno*Jet | Description                     |    |
|-----|---------|---------------------------------|----|
| 1   | 100661  | Body                            | 1  |
| 2   | 150138  | Bumper rear                     | 1  |
| 3   | 914117  | Machine screw (rear bumper)     | 2  |
| 4   | 912724  | Locknut (rear bumper)           | 6  |
| 5   | 912829  | Washer (rear bumper)            | 6  |
| 6   | 100467  | Stud hitch                      | 2  |
| 7   | 912830  | Washer (stud hitch)             | 2  |
| 8   | 912615  | Locknut (stud hitch)            | 2  |
| 9   | 150033  | Hitch                           | 1  |
| 10  | 914109  | Machine screw (rear bumper)     | 4  |
| 11  | 916734  | Snap head                       | 2  |
| 12  | 100449  | Mud flap                        | 1  |
| 13  | 150135  | Support bumper                  | 1  |
| 14  | 916735  | Snap base                       | 2  |
| 15  | 120828  | Reflector red                   | 2  |
| 16  | 120710  | Decal                           | 2  |
| 17  | 100501  | Foot pad rear                   | 2  |
| 18  | 100461  | Support running board           | 2  |
| 19  | 916682  | Rivet (running board)           | 24 |
| 20  | 100502  | Foot pad front                  | 2  |
| 21  | 916419  | Rivet                           | 6  |
| 22  | 120504  | Retainer latch                  | 2  |
| 23  | 120503  | Latch rubber                    | 2  |
| 24  | 916689  | Grease fitting                  | 2  |
| 25  | 100460  | Retainer gas tank               | 2  |
| 26  | 916792  | Rivet (seat)                    | 6  |
| 27  | 100261  | Bushing steering (see steering) | 1  |
| 28  | 100263  | Rubber bushing (see steering)   | 1  |
| 29  | 020116  | Bolt engine frame               | 4  |
| 30  | 140057  | Attach front seat               | 1  |
| 31  | 916791  | Stud (seat)                     | 6  |
| 32  | 140252  | Seat cover                      | 1  |
| 33  | 140250  | Seat                            | 1  |
| -   | 100386  | Sponge frame spacer             | 2  |
| -   | 100453  | Sponge side tank                | 2  |
| -   | 100454  | Sponge rear tank                | 1  |
| -   | 100464  | Sponge frame spacer             | 2  |
| -   | 912615  | Locknut (belt guard)            | 2  |
| -   | 914378  | Jam nut (engine frame)          | 4  |
| -   | 916525  | Square washer (gas tank)        | 2  |
| -   | 916549  | Rivet (serial number)           | 2  |
| -   | 916682  | Rivet (support running board)   | 24 |
| -   | 916825  | Self tapping screw (mud flap)   | 2  |
| -   | 040355  | Tail stop lamp (see electrical) |    |

# HOOD & ENGINE COVER



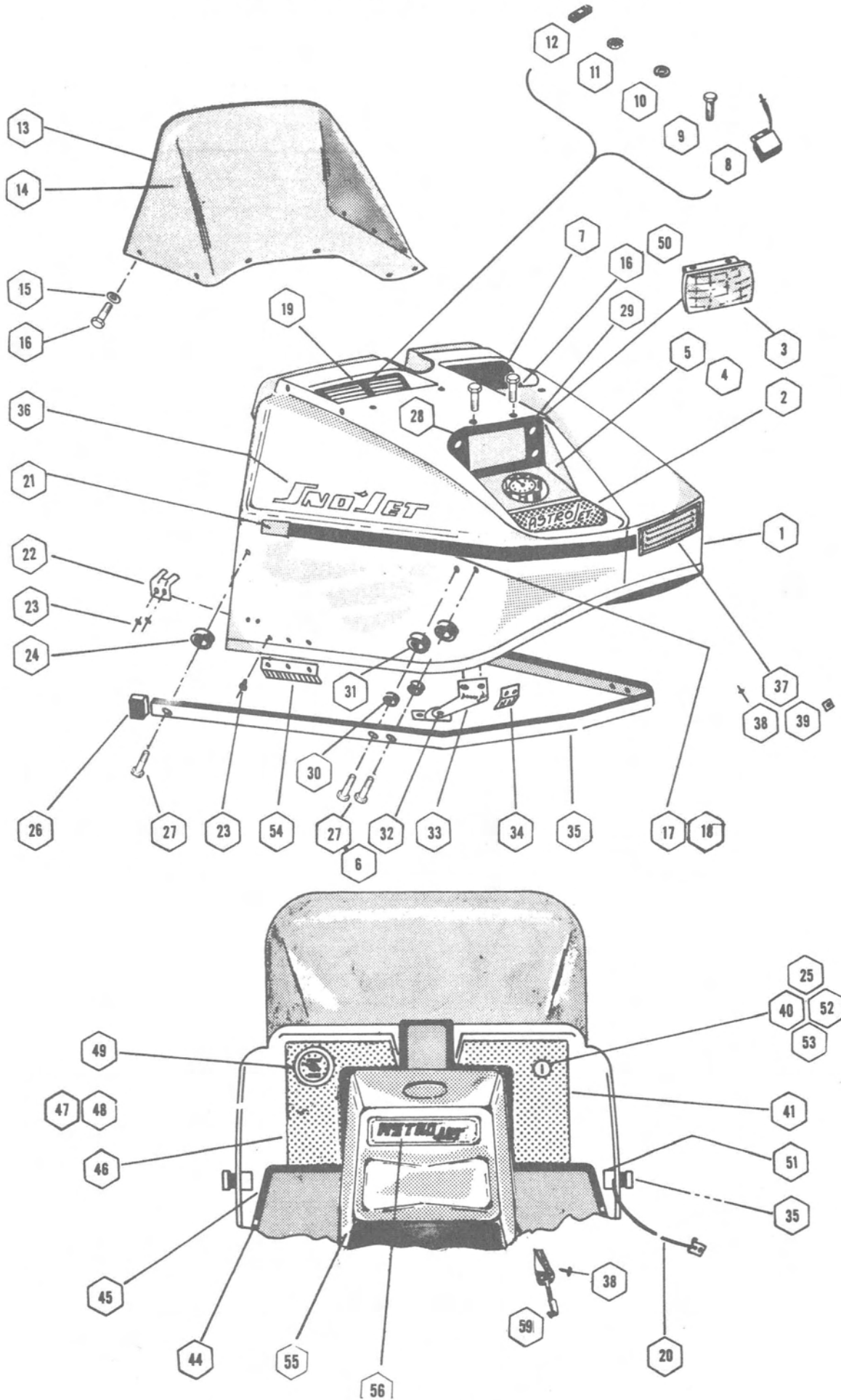
# HOOD & ENGINE COVER

31

Astro Jet  
1976

| No. | Sno*Jet | Description                                |    |
|-----|---------|--------------------------------------------|----|
| 1   | 121064  | Hood fiber                                 | 1  |
| 2   | 120745  | Decal front light                          | 1  |
| 3   | 040370  | Assembly head lamp (see electrical system) |    |
| 4   | 916769  | Wiring clip                                | 2  |
| 5   | 916846  | Washer rubber                              | 2  |
| 6   | 912724  | Locknut                                    | 6  |
| 7   | 120746  | Decal front dash L.H.                      | 1  |
| 8   | 040430  | Light regulator (Ref. Electrical)          |    |
| 9   | 916796  | Machine screw                              | 2  |
| 10  | 912870  | Lock washer                                | 1  |
| 11  | 916521  | Nut (Light Regulator 2, Windshield 8)      | 10 |
| 12  | 120564  | Spacer, light regulator                    | 1  |
| 13  | 120819  | Trim, windshield                           | 1  |
| 14  | 121125  | Windshield                                 | 1  |
| 15  | 916702  | Washer plastic                             | 9  |
| 16  | 916266  | Carriage bolt                              | 12 |
| 17  | 120812  | Decal L.H.                                 | 1  |
| 18  | 120813  | Decal R.H.                                 | 1  |
| 19  | 120562  | Grill vent                                 | 1  |
| 20  | 120701  | Hood cable (26" long)                      | 1  |
| 21  | 120827  | Reflector amber                            | 2  |
| 22  | 120505  | Holder latch                               | 2  |
| 23  | 916682  | Rivet klick                                | 14 |
| 24  | 150089  | Spacer bumper (rear)                       | 2  |
| 25  | 040455  | Rubber cap (ignition)                      | 1  |
| 26  | 150086  | End cap bumper                             | 2  |
| 27  | 916459  | Carriage bolt                              | 6  |
| 28  | 120465  | Light, pivot block                         | 1  |
| 29  | 120576  | Light pre-aiming                           | 1  |
| 30  | 150087  | Aluminum Spacer (front)                    | 4  |
| 31  | 150088  | Spacer bumper                              | 4  |
| 32  | 916685  | Rivet                                      | 2  |
| 33  | 120294  | Assembly hinge R.H.                        | 1  |
| 33  | 120293  | Assembly hinge L.H.                        | 1  |
| 34  | 120731  | Guide hood front                           | 2  |
| 35  | 150109  | Front bumper                               | 1  |
| 36  | 121179  | Decal Sno-Jet                              | 2  |
| 37  | 120551  | Air vent L.H.                              | 1  |
| 38  | 916619  | Rivet klick                                | 8  |
| 39  | 120446  | Washer                                     | 4  |
| 40  | 040413  | Ignition switch                            | 1  |
| 41  | 120873  | Decal dash panel R.H.                      | 1  |

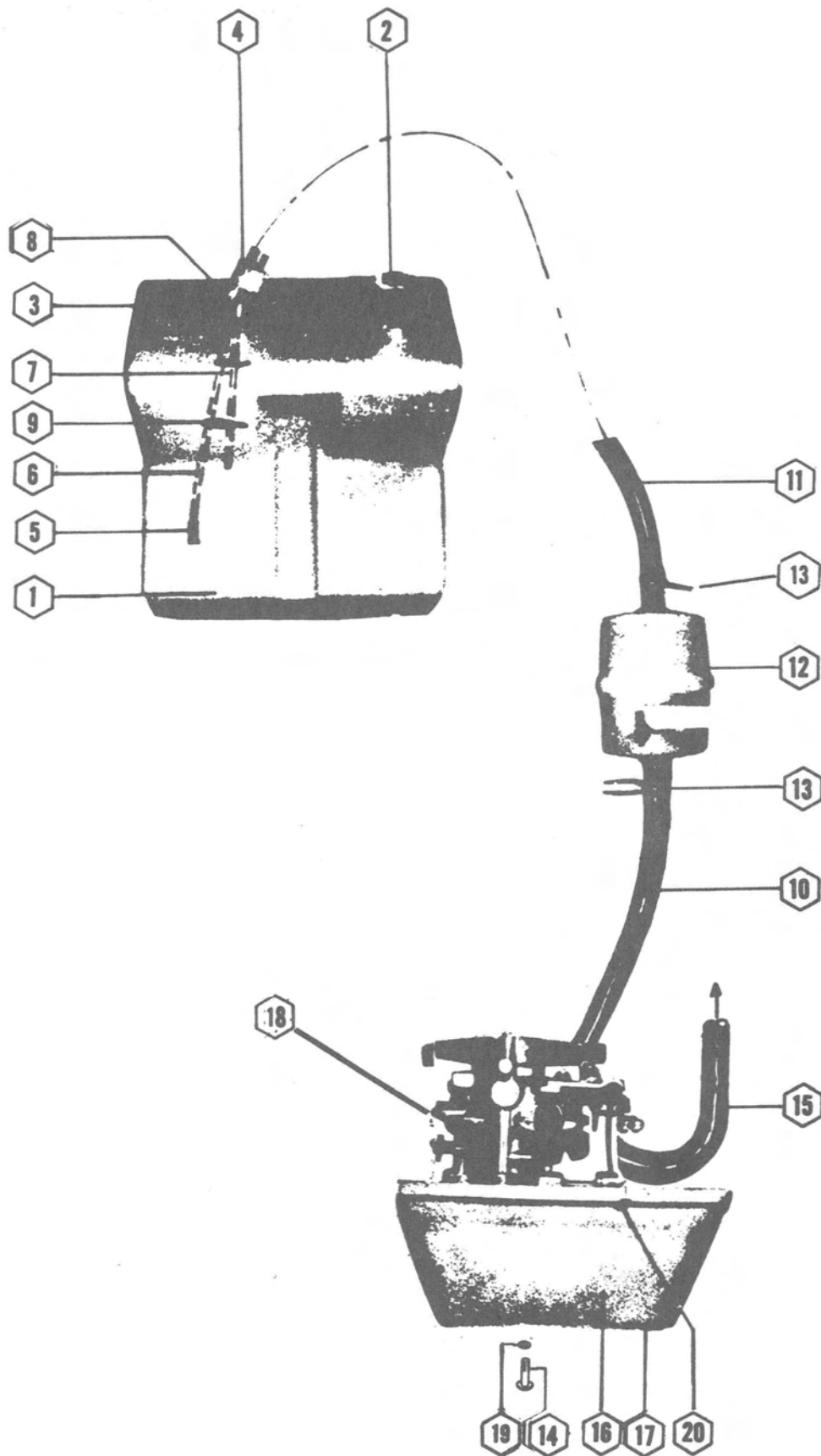
## HOOD &amp; ENGINE COVER



## 33

[illegible]

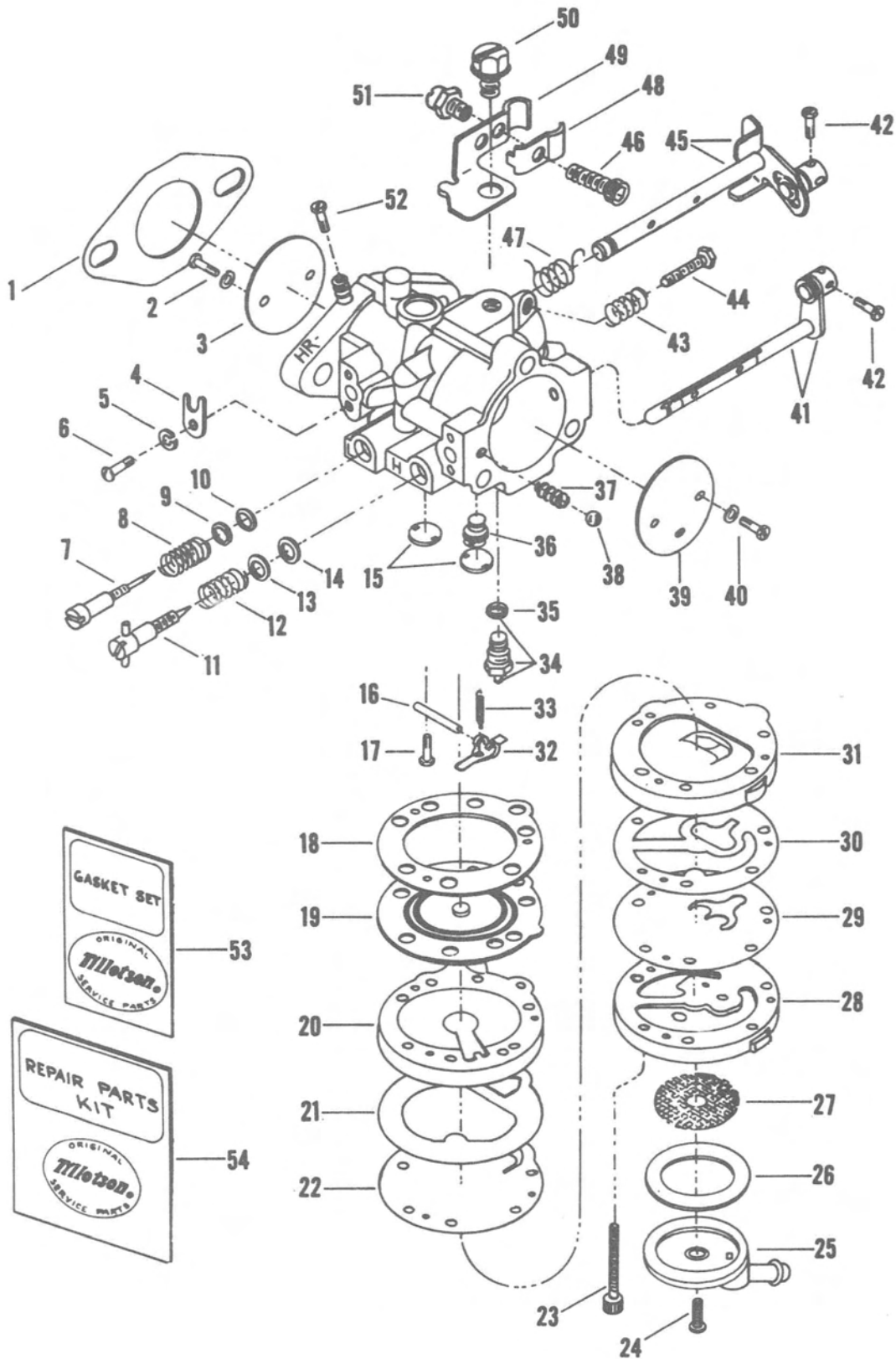
## FUEL SYSTEM



## 35

[illegible]

# CARBURETOR TILLOTSON HR



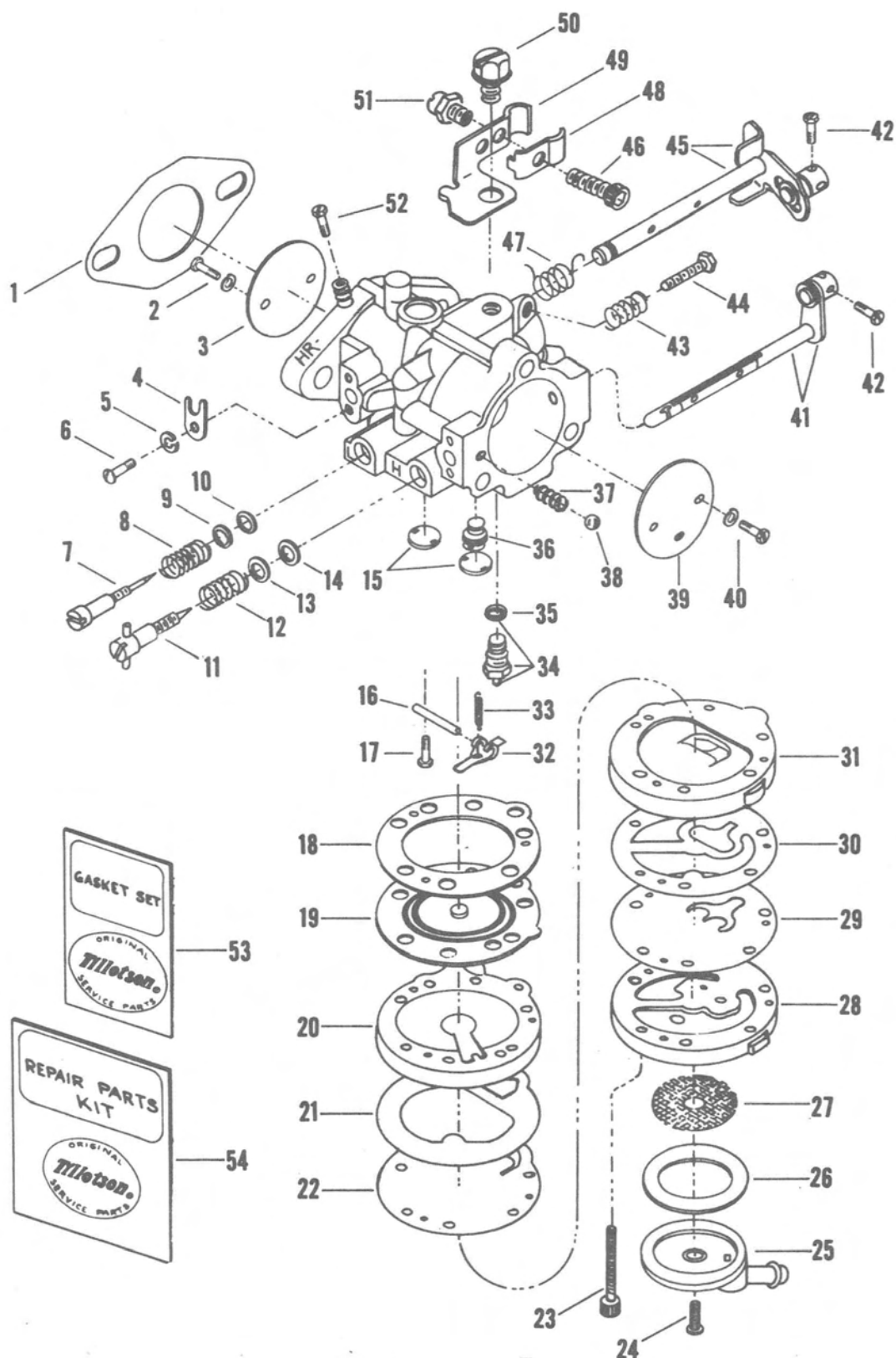
# CARBURETOR TILLOTSON HR

37

| NO. | SNO*JET | TILLOTSON | DESCRIPTION                                    | QTY. |
|-----|---------|-----------|------------------------------------------------|------|
| —   | 790731  | HR-158A   | Assembly Carburetor                            | 1    |
| 1   | 790298  | 014319    | Flange Gasket                                  | 1    |
| 2   | 790676  | 015912    | Throttle Shutter Screw & Lock Washer *         | 2    |
| 3   | 790344  | 014961    | Throttle Shutter                               | 1    |
| 4   | 790247  | 09678     | Throttle Shaft Clip                            | 1    |
| 5   | 790234  | 0992      | Throttle Shaft Clip Lock Washer                | 1    |
| 6   | 790235  | 01974     | Throttle Shaft Clip Ret. Screw                 | 1    |
| 7   | 790300  | 014321    | Idle Mixture Screw                             | 1    |
| 8   | 790244  | 08793     | Idle Mixture Screw Spring *                    | 1    |
| 9   | 790260  | 011428    | Idle Mixture Screw Washer                      | 1    |
| 10  | 790259  | 011401    | Idle Mixture Screw Packing                     | 1    |
| 11  | 790315  | 014499    | High Speed Mixture Screw                       | 1    |
| 12  | 790258  | 011103    | High Speed Mixture Screw Spring *              | 1    |
| 13  | 790237  | 03114     | High Speed Mixture Screw Washer                | 1    |
| 14  | 790252  | 010511    | High Speed Mixture Screw Packing               | 1    |
| 15  | 790236  | 02531     | Body Channel Welch Plug *                      | 2    |
| 16  | 790272  | 013406    | Inlet Control Lever Fulcrum Pin *              | 1    |
| 17  | 790270  | 013269    | Inlet Control Lever Fulcrum Pin (Ret. Screw) * | 1    |
| 18  | 790265  | 012473    | Diaphragm Gasket                               | 1    |
| 19  | 790266  | 012475    | Diaphragm                                      | 1    |
| 20  | 790679  | 015348    | Diaphragm Cover                                | 1    |
| 21  | 790338  | 014881    | Fuel Pump Gasket                               | 1    |
| 22  | 790337  | 014880    | Fuel Pump Diaphragm *                          | 1    |
| 23  | 790339  | 014882    | Inlet Valve Body Ret. Screw                    | 6    |
| 24  | 790257  | 010571    | Fuel Strainer Cover Ret. Screw *               | 1    |
| 25  | 790342  | 014937    | Fuel Strainer Cover                            | 1    |
| 26  | 790255  | 010529    | Fuel Strainer Cover Gasket                     | 1    |
| 27  | 790262  | 011516    | Fuel Strainer Screen                           | 1    |
| 28  | 790336  | 014879    | Inlet Valve Body                               | 1    |
| 29  | 790340  | 014883    | Inlet Valve Diaphragm *                        | 1    |
| 30  | 790341  | 014884    | Inlet Valve Gasket                             | 1    |
| 31  | 790335  | 014878    | Fuel Pump Body                                 | 1    |
| 32  | 790253  | 010513    | Inlet Control Lever *                          | 1    |
| 33  | 790261  | 011503    | Inlet Tension Spring *                         | 1    |
| 34  | 790274  | 013546    | Inlet Needle, Seat & Gasket                    | 1    |
| 35  | 790249  | 010165    | Inlet Seat Gasket                              | 1    |
| 36  | 790304  | 014334    | Nozzle Check Valve *                           | 1    |
| 37  | 790245  | 08805     | Choke Friction Spring                          | 1    |
| 38  | 790239  | 04784     | Choke Friction Ball                            | 1    |
| 39  | 790346  | 014962    | Choke Shutter                                  | 1    |
| 40  | 790676  | 015912    | Choke Shutter Screw & Lock Washer              | 2    |
| 41  | 790351  | 015003    | Choke Shaft & Lever                            | 1    |
| 42  | 790229  | 055       | Choke Wire Ret. Screw *                        | 2    |
| 43  | 790233  | 0788      | Idle Speed Screw Spring *                      | 1    |
| 44  | 790303  | 014326    | Idle Speed Screw *                             | 1    |

NOTE: \* INDICATES CONTENTS OF REPAIR PARTS KIT

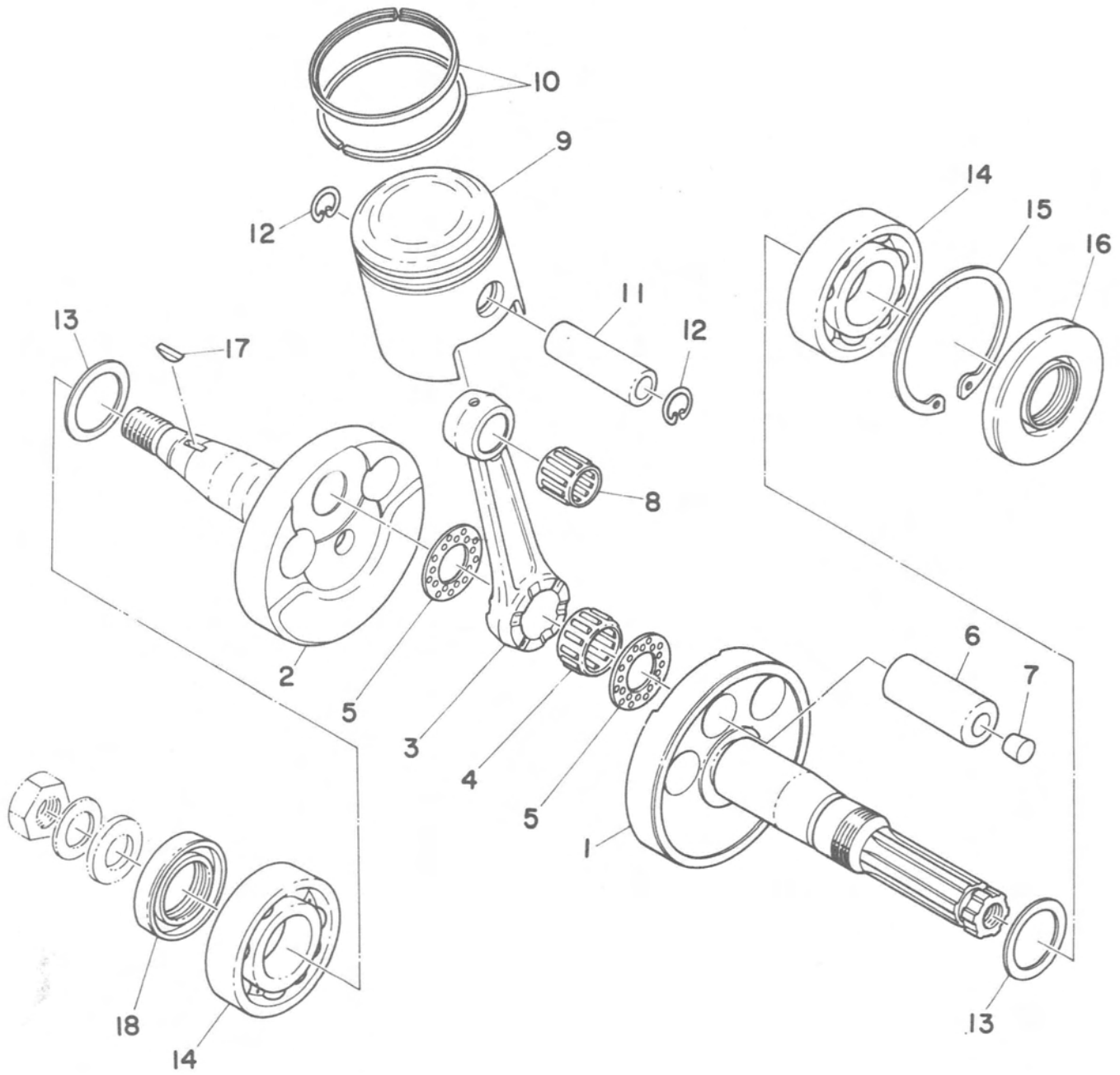
# CARBURETOR TILLOTSON HR



## 39

NOTE: \* INDICATES CONTENTS OF REPAIR PARTS KIT.

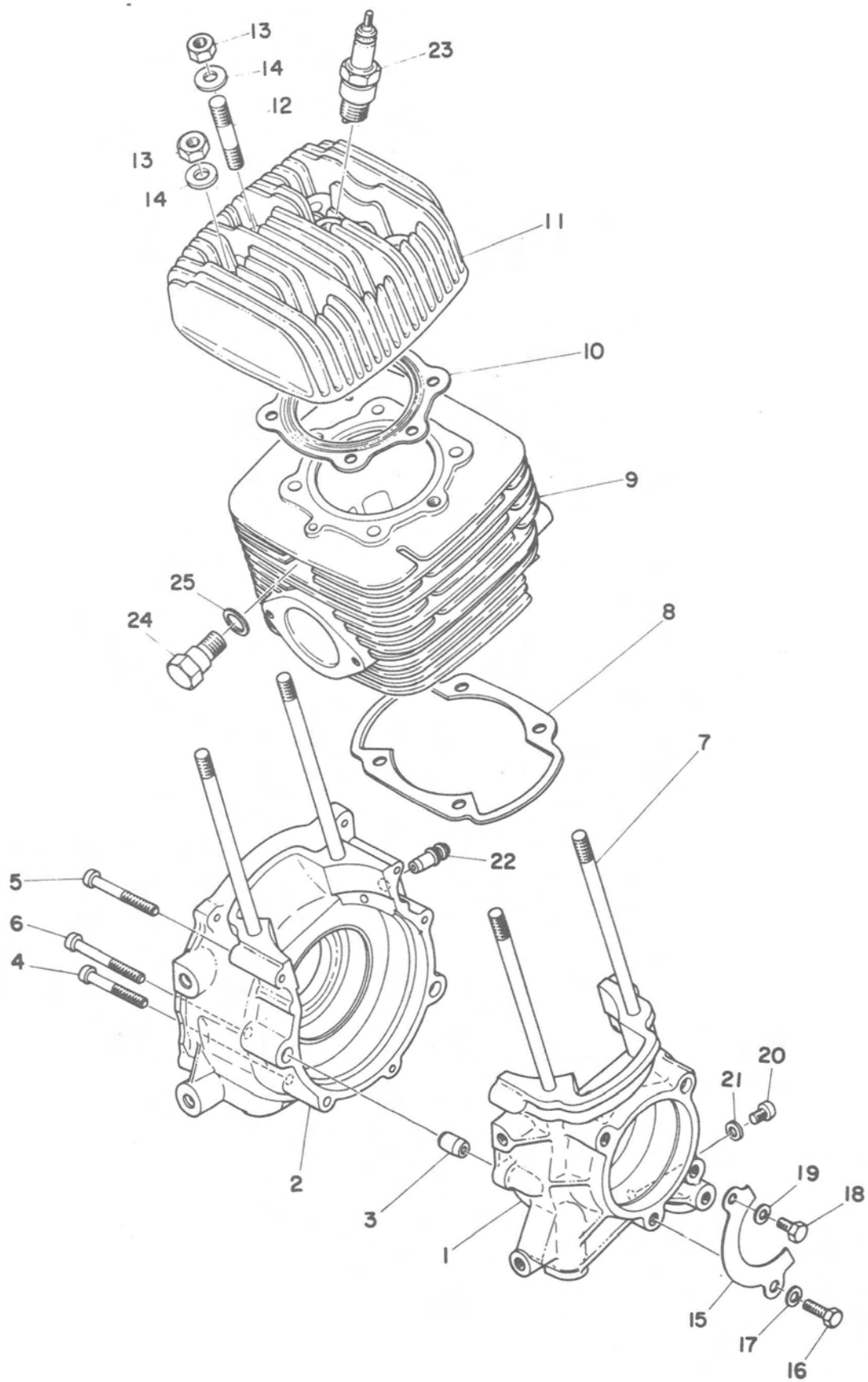
## CRANK &amp; PISTON



## 41

[illegible]

## CRANKCASE

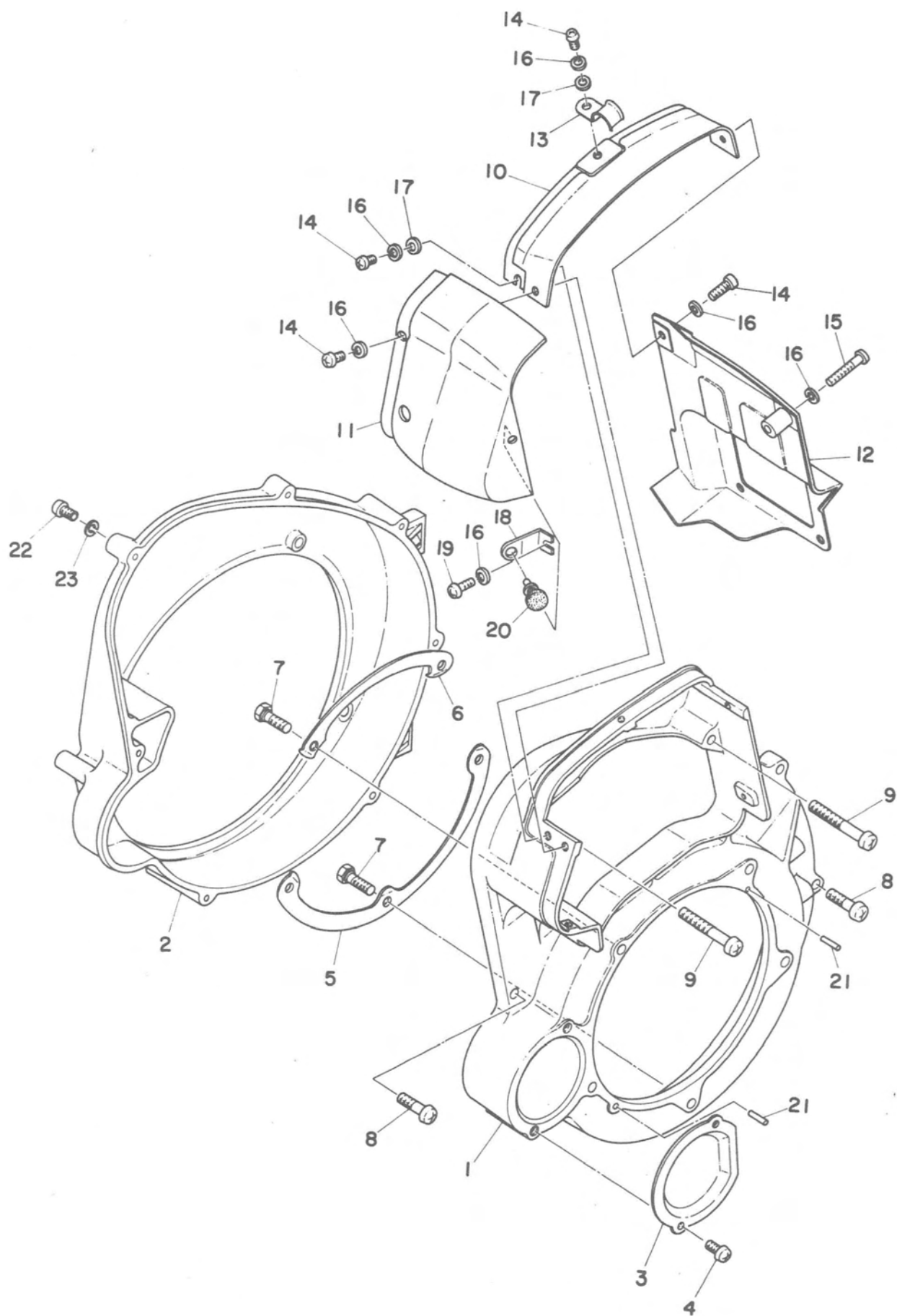


## 43

629



## FAN CASE — AIR SHROUD

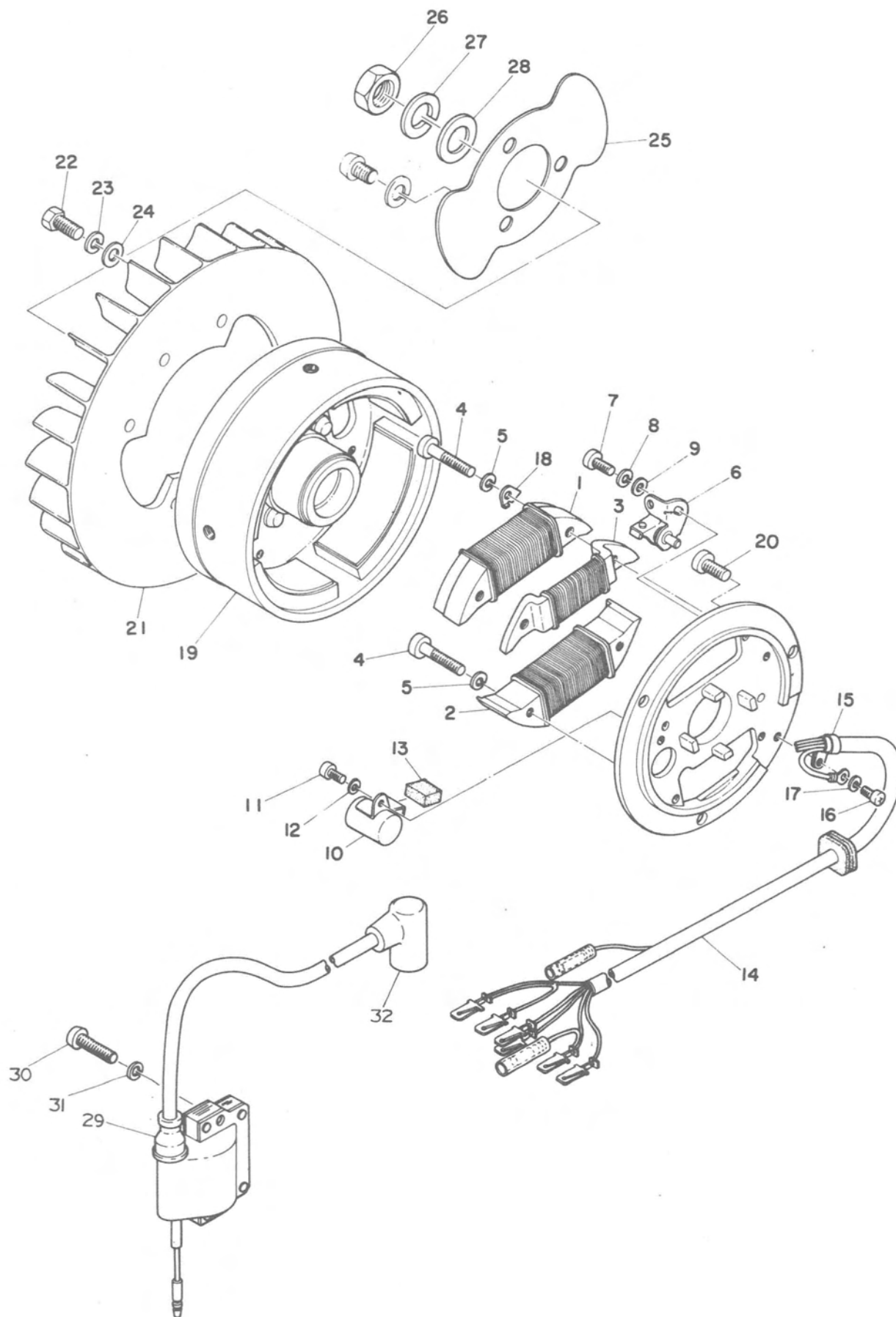


## 45

267A

[illegible]

## ELECTRICAL

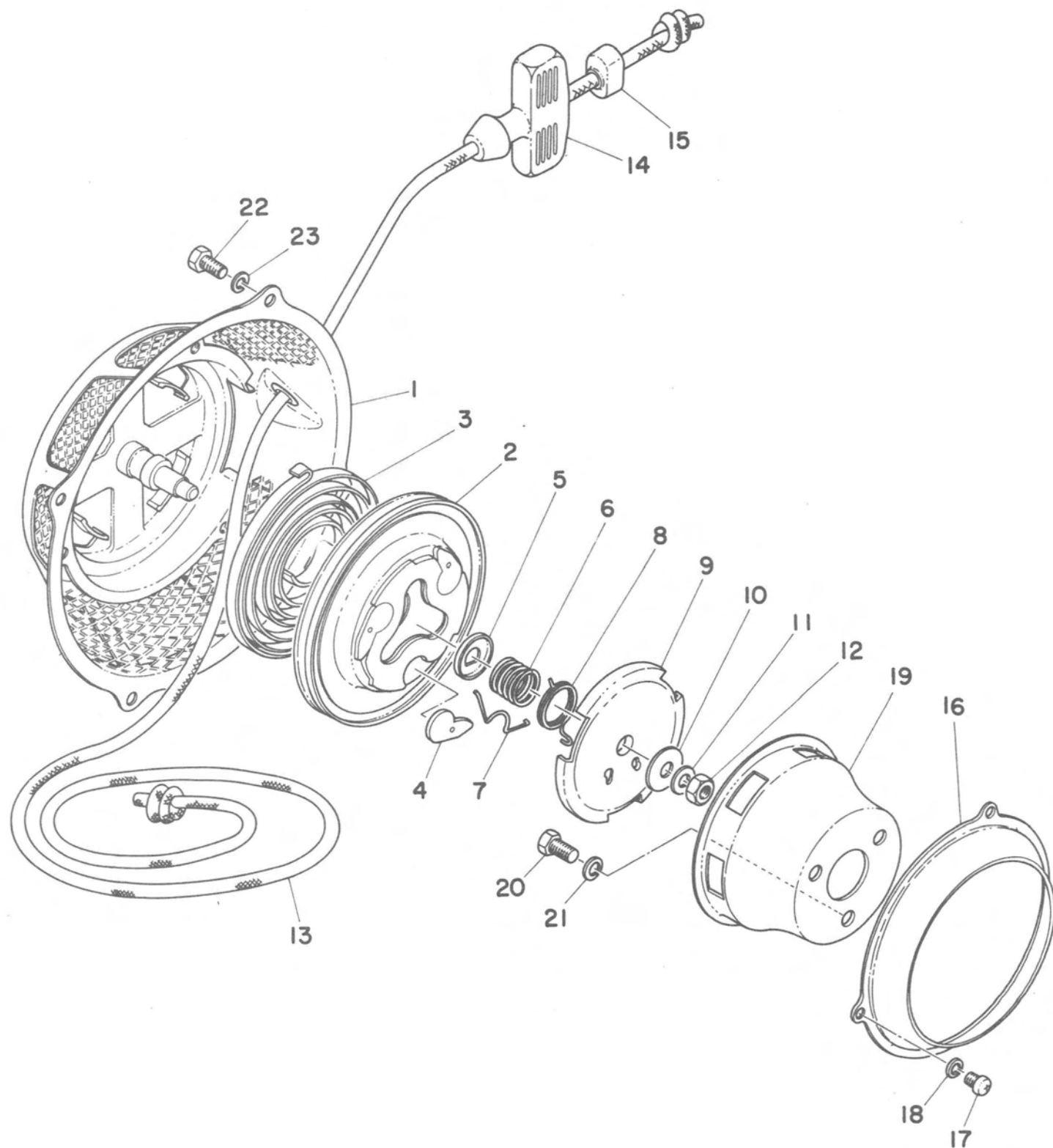


## 47

29.

[illegible]

## STARTER

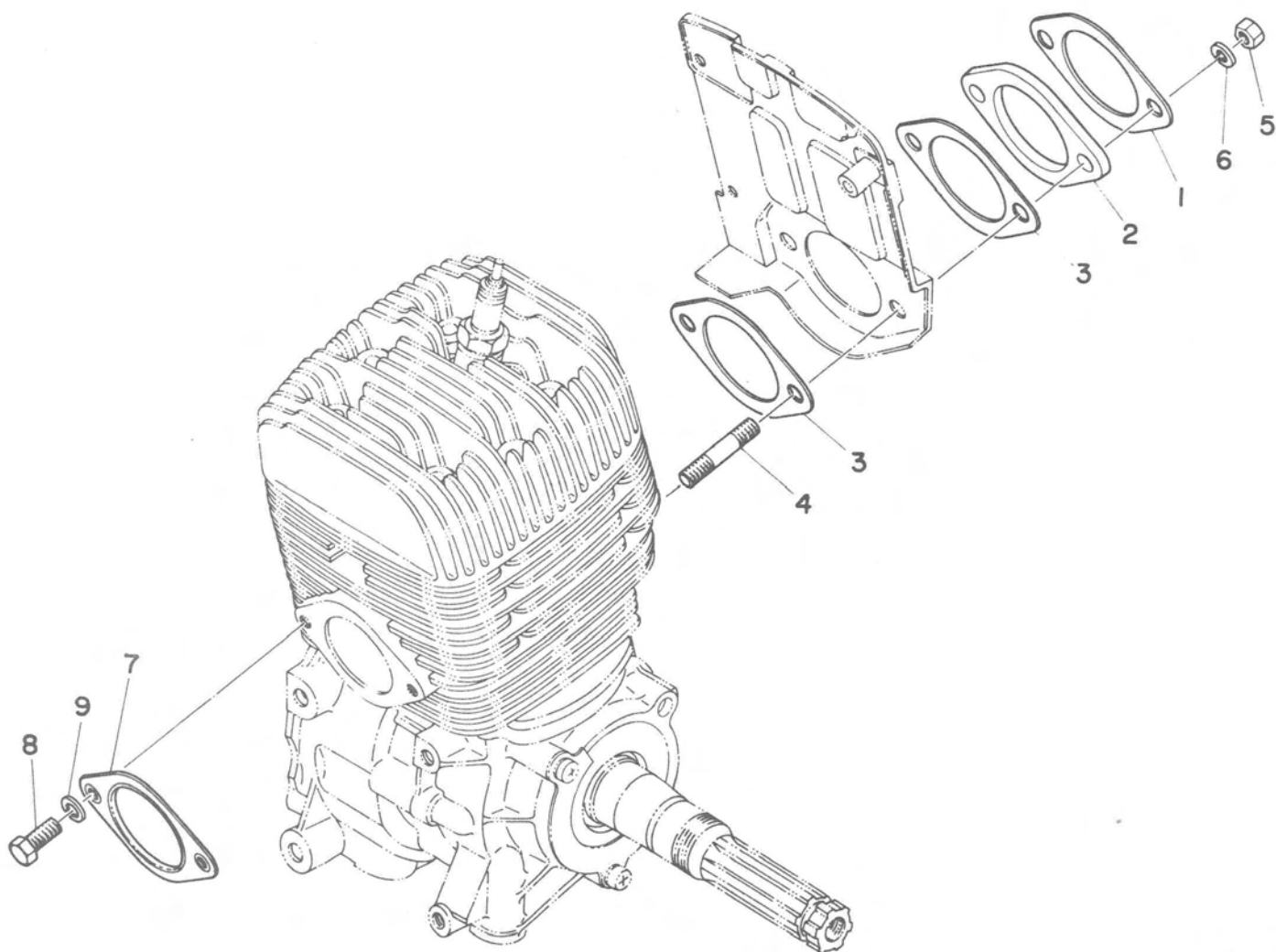


## 49

292

[illegible]

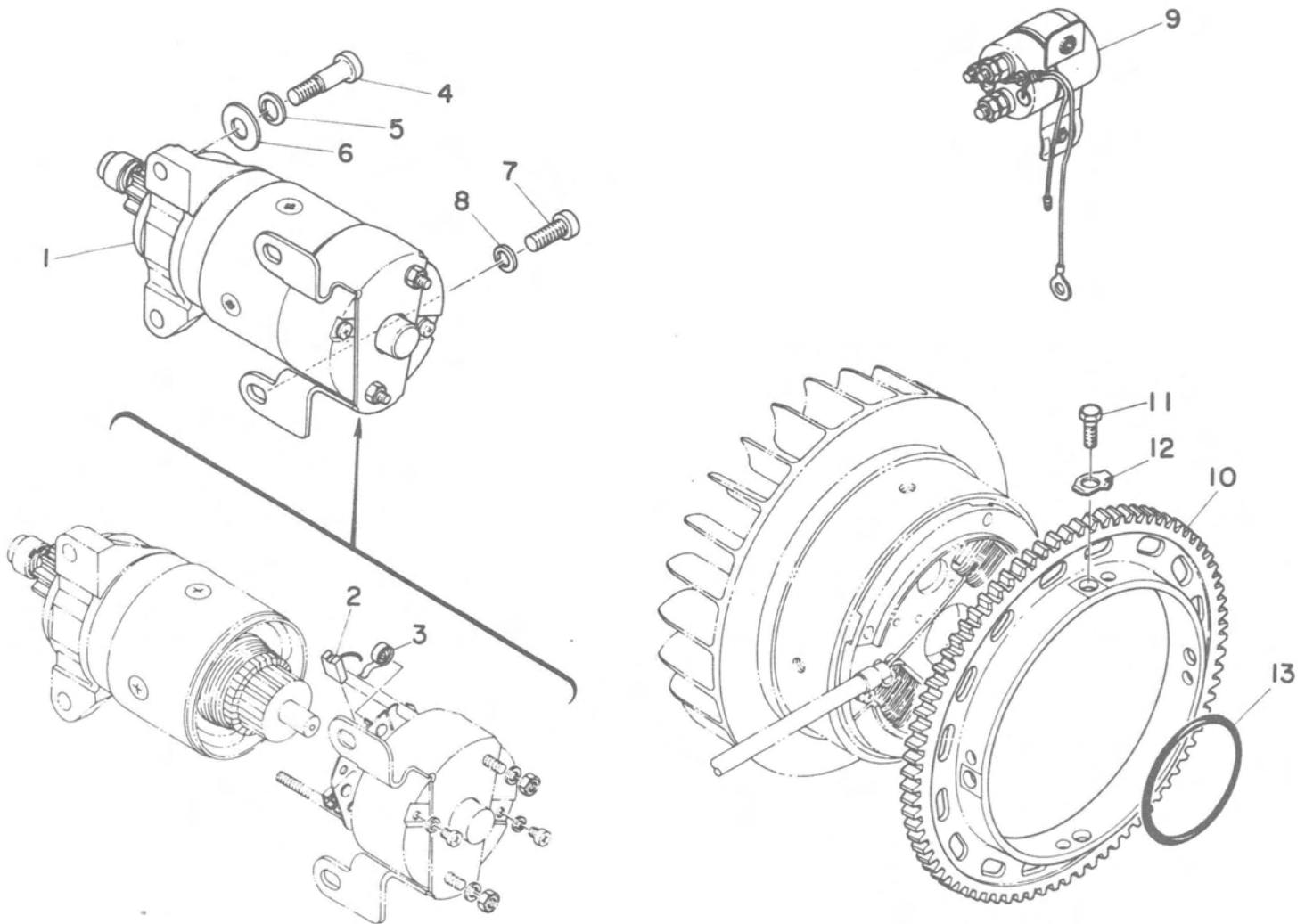
# INTAKE/EXHAUST



Y292

| NO. | SNO*JET | YAMAHA       | DESCRIPTION     | QTY. |
|-----|---------|--------------|-----------------|------|
| 1   | 790334  | 810-13556-00 | Gasket          | 1    |
| 2   | 810078  | 812-13555-09 | Joint           | 1    |
| 3   | 811072  | 839-13556-00 | Gasket          | 2    |
| 4   | 811391  | 90116-08048  | Stud            | 2    |
| 5   | 810508  | 98801-08300  | Nut             | 2    |
| 6   | 810456  | 92901-08100  | Washer, Spring  | 2    |
| 7   | 810084  | 812-14613-01 | Gasket, Exhaust | 1    |
| 8   | 810085  | 97101-08020  | Bolt            | 2    |
| 9   | 810456  | 92901-08100  | Washer, Spring  | 2    |

## ELECTRIC STARTER



| NO. | SNO*JET | YAMAHA       | DESCRIPTION              | QTY. |
|-----|---------|--------------|--------------------------|------|
| 1   | 040391  | 842-81800-20 | Electric Motor Assembly  | 1    |
| 2   | 811227  | 842-81811-20 | Brush 1                  | 4    |
| 3   | 811229  | 842-81813-20 | Spring, Brush            | 4    |
| 4   | 810095  | 806-77481-00 | Bolt                     | 2    |
| 5   | 080015  | 92901-10100  | Washer, Spring           | 2    |
| 6   | 810552  | 806-77471-00 | Washer, Special          | 1    |
| 7   | 810096  | 92501-08020  | Screw, Panhead           | 2    |
| 8   | 910456  | 92901-08100  | Washer, Spring           | 2    |
| 9   | 811145  | 842-81940-20 | Starter, Switch Assembly | 1    |
| 10  | 810183  | 839-81891-01 | Gear, Ring               | 1    |
| 11  | 810181  | 839-81892-00 | Bolt                     | 4    |
| 12  | 810182  | 839-81893-01 | Washer, Special          | 4    |
| 13  | 810522  | 93210-61117  | O-Ring (2.2 - 61.0)      | 1    |

Y292

## TOOL KIT

[illegible]