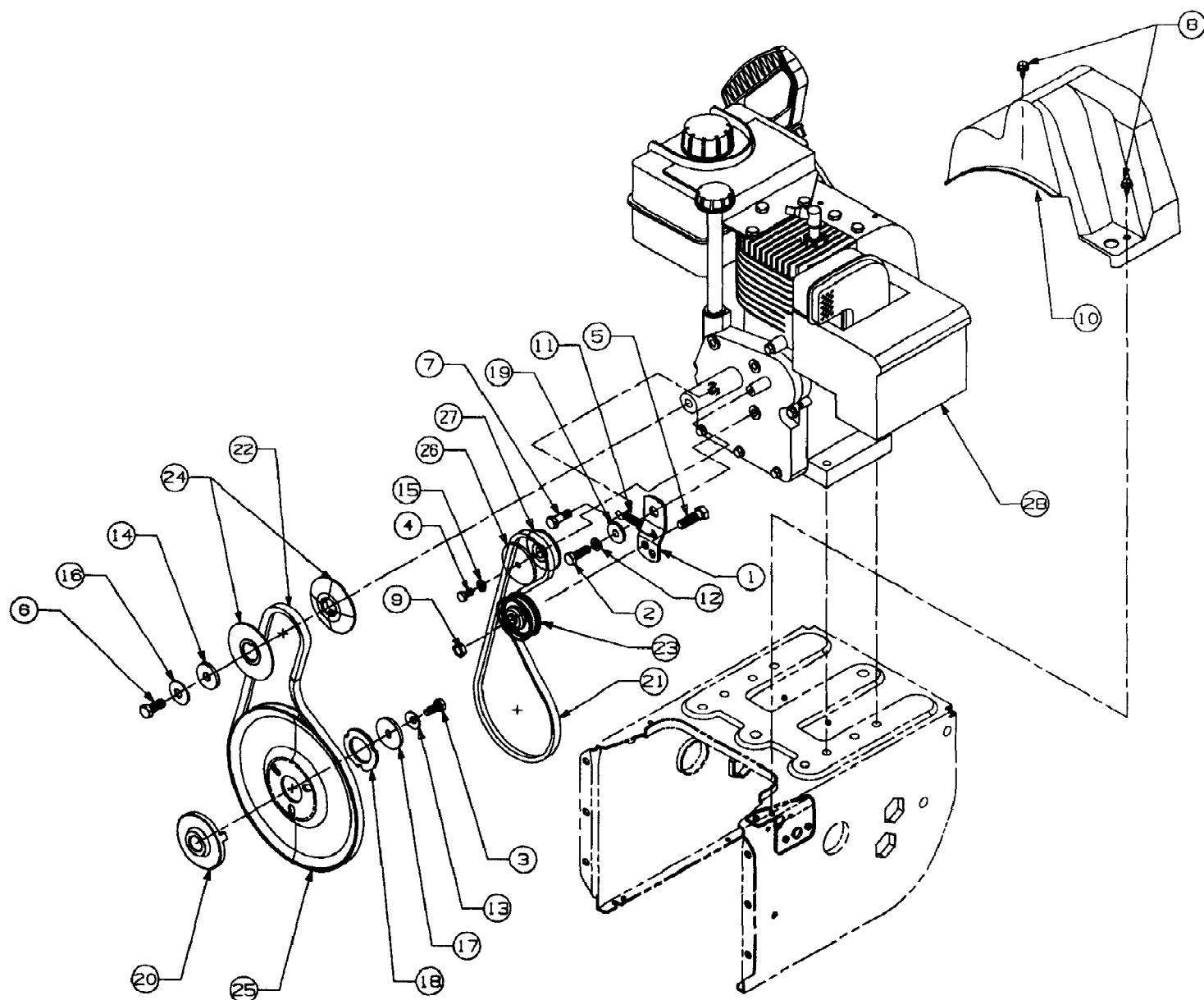


316-616E190 Snow Boss 500 (1996)  
Engine, V-Belt And Pulley

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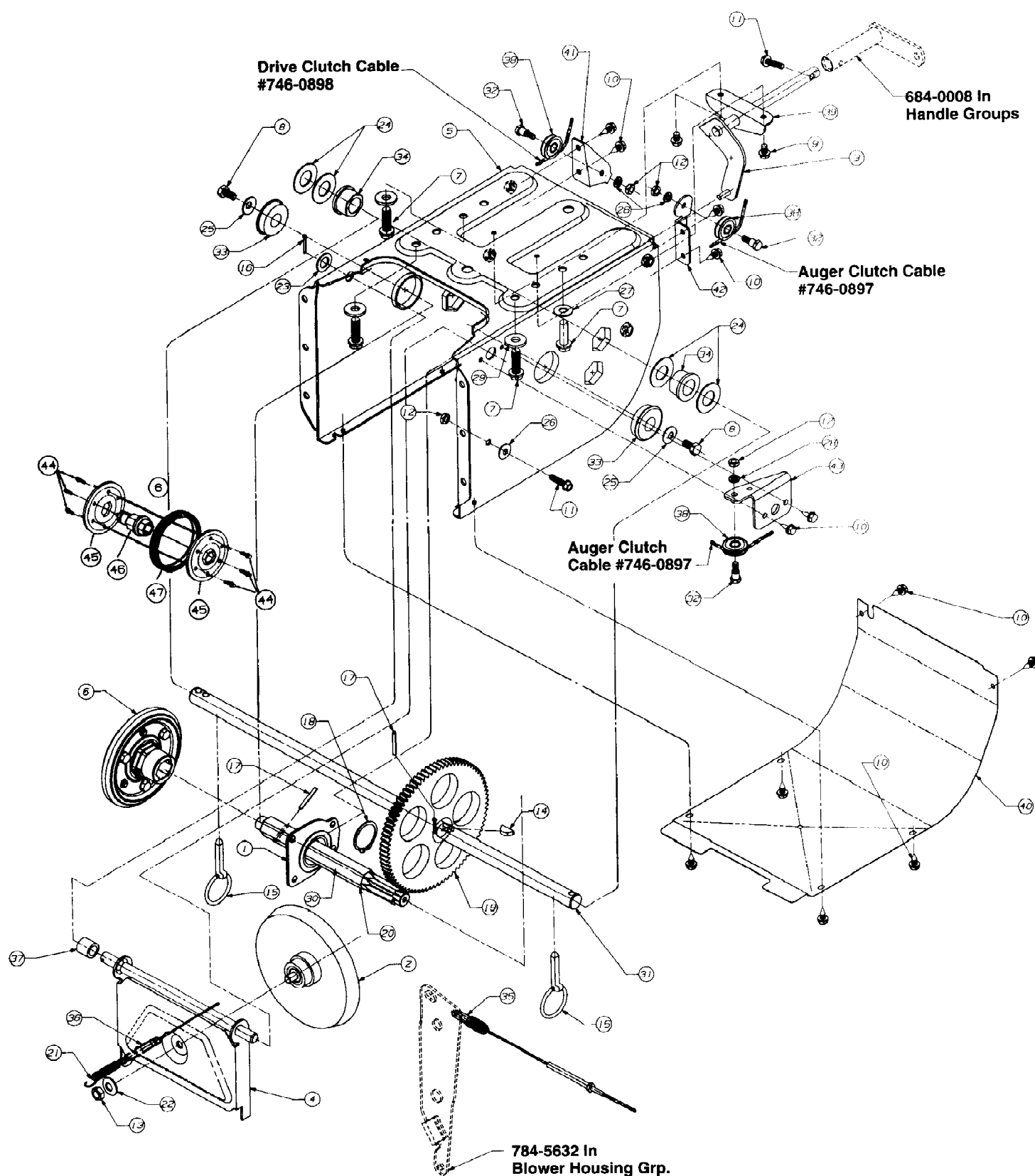
316-616E190 Snow Boss 500 (1996)  
Engine, V-Belt And Pulley

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| Ref # | Part Number | Qty | S/P/F | Description                  |
|-------|-------------|-----|-------|------------------------------|
| 1     | 05896A      | 1   |       | Bracket                      |
| 2     | 710-0117    | 1   | S     | Screw                        |
| 3     | 710-0157    | 1   | /P    | Screw                        |
| 4     | 710-0230    | 1   | /P    | Screw                        |
| 5     | 710-0342    | 1   | S     | Screw                        |
| 6     | 710-0696    | 1   | /P    | Screw                        |
| 7     | 710-0888    | 1   | /P    | Screw                        |
| 8     | 710-0896    | 2   | /P    | Screw                        |
| 9     | 712-0181    | 1   | S     | Nut, Hex Jam                 |
| 10    | 731-1324    | 1   |       | Belt Cover                   |
| 11    | 732-0339    | 1   | S     | Spring                       |
| 12    | 736-0119    | 1   | S     | Washer - Lock                |
| 13    | 736-0242    | 1   | /P    | Washer - Bell                |
| 14    | 736-0247    | 1   | /P    | Washer                       |
| 15    | 736-0329    | 1   | S     | Washer                       |
| 16    | 736-0331    | 1   | /P    | Washer - Bell                |
| 17    | 736-0505    | 1   |       | Washer - Flat                |
| 18    | 736-0507    | 1   | S     | Washer                       |
| 19    | 748-0234    | 1   | /P    | Shoulder Spacer              |
| 20    | 748-0360    | 1   | S     | Pulley, Adapter              |
| 21    | 754-0343    | 1   | S     | V-Belt                       |
| 22    | 754-0430    | 1   | S     | V-Belt Matched               |
| 23    | 756-0313    | 1   | /P    | Idler, Flat                  |
| 24    | 756-0569    | 2   |       | Pulley, Half                 |
| 25    | 756-0967    | 1   |       | Pulley, Auger                |
| 26    | 756-0984    | 1   | S     | Pulley, Half                 |
| 27    | 756-0985    | 1   |       | Pulley, Half                 |
| 28    |             | 1   |       | Eng., HSSK Tec. 5.0 HP Horz. |

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Frame Assembly

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Frame Assembly

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| Ref # | Part Number | Qty | S/P/F | Description                                       |
|-------|-------------|-----|-------|---------------------------------------------------|
| 1     | 618-0063    | 1   |       | Bearing Ass'y.                                    |
| 2     | 656-0009    | 1   | S     | Ass'y., Friction Wheel Disc                       |
| 3     | 684-0013    | 1   |       | Rod Shift, Wheel Drive                            |
| 4     | 684-0021    | 1   | S     | Brkt. Ass'y. Friction Wheel                       |
| 5     | 684-0030    | 1   |       | Frame Ass'y., 600 S/T                             |
| 6     | 684-0042    | 1   | S     | Wheel Friction                                    |
| 7     | 710-0502A   | 4   | /P    | Hex Self-Tap Screw                                |
| 8     | 710-0538    | 2   | /P    | Hex, Screw                                        |
| 9     | 710-0653    | 2   | /P    | Scr., Hex Wash. Hd., TT 1/4-20 x .3               |
| 10    | 710-0776A   | 12  | S     | Hex Self-Tap Scr.                                 |
| 11    | 710-0788    | 2   | /P    | Screw, Hex                                        |
| 12    | 712-0298    | 4   | S     | Nut, Hex                                          |
| 13    | 712-0711    | 1   | /P    | Nut, Hex                                          |
| 14    | 714-0126    | 1   | S     | Key                                               |
| 15    | 714-0143    | 2   | S     | Pin, Klick                                        |
| 16    | 714-0474    | 1   | S     | Pin, Cotter                                       |
| 17    | 715-0249    | 2   | S     | Pin, Roll                                         |
| 18    | 716-0185    | 1   |       | Ring, Retainer                                    |
| 19    | 717-1414    | 1   |       | Gear                                              |
| 20    | 717-1415A   | 1   |       | Shaft, Hex                                        |
| 21    | 732-0264    | 1   | S     | Extension Spring                                  |
| 22    | 736-0105    | 2   | /P    | Washer, Bell                                      |
| 23    | 736-0160    | 1   | S     | Flat Washer                                       |
| 24    | 736-0188    | 4   | /P    | Washer, Flat                                      |
| 25    | 736-0242    | 2   | /P    | Washer, Bell                                      |
| 26    | 736-0270    | 1   | /P    | Washer, Bell                                      |
| 27    | 736-0300    | 1   | S     | Flat Washer                                       |
| 28    | 736-0329    | 3   | S     | Washer, Lock                                      |
| 29    | 736-3052    | 3   | /P    | Washer, Flat                                      |
| 30    |             | 1   |       | Lubricant                                         |
| 31    | 738-0869    | 1   |       | Axle Used with 13" Wheels (For model 616E)        |
| 31    | 738-0830    | 1   |       | Axle Used with 16" Wheels (For model 646F, E666H) |
| 32    | 738-0870    | 3   |       | Screw, Shoulder                                   |
| 33    | 741-0563    | 2   | S     | Bearing, Ball                                     |
| 34    | 741-0598    | 2   | S     | Flange Bearing                                    |
| 35    | 746-0897    | 1   | S     | Cable, Auger                                      |
| 36    | 746-0898    | 1   | S     | Cable, Clutch                                     |
| 37    | 748-0190    | 1   | /P    | Spacer                                            |
| 38    | 756-0625    | 3   |       | Roller, Cable                                     |
| 39    | 784-5590    | 1   |       | Frame, Shift Bracket                              |
| 40    | 784-5638    | 1   |       | Cover, Frame                                      |
| 41    | 784-5644    | 1   | S     | Bracket, Drive Cable Roller                       |
| 42    | 784-5646    | 1   |       | Brkt., Auger Clutch Cable Guide                   |
| 43    | 784-5658    | 1   | S     | Brkt., Front Support Guide                        |
| 44    | 710-0599    | 6   | /P    | Hex Wash Hd. TT-Tap Scr. 1/4-20 x .5" Lg.         |
| 45    | 784-5677    | 1   |       | Friction Plate                                    |
| 46    | 718-0240    | 1   |       | Friction Wheel Hub                                |
| 47    | 735-0243    | 1   | S     | Friction Wheel Rubber                             |
|       | 684-0008    | 1   | S     | Handle                                            |
|       | 746-0898    | 1   | S     | Drive Clutch Cable                                |
|       | 746-0897    | 1   | S     | Auger Clutch Cable                                |

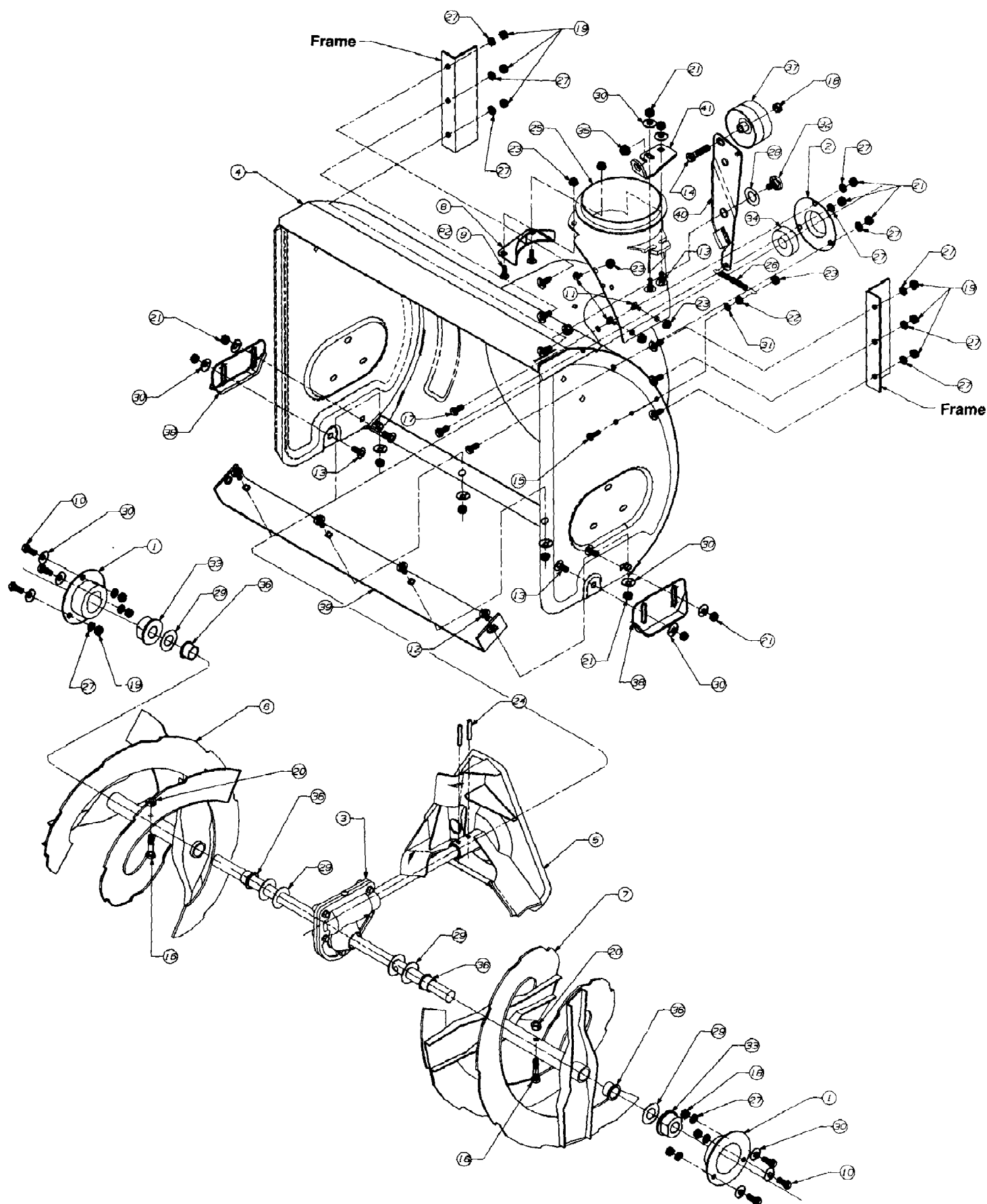
316-616E190 Snow Boss 500 (1996)  
Frame Assembly

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| Ref # | Part Number | Qty | S/P/F | Description |
|-------|-------------|-----|-------|-------------|
|       | 784-5632    | 1   | S     | Bracket     |

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Gear And Housing Assembly

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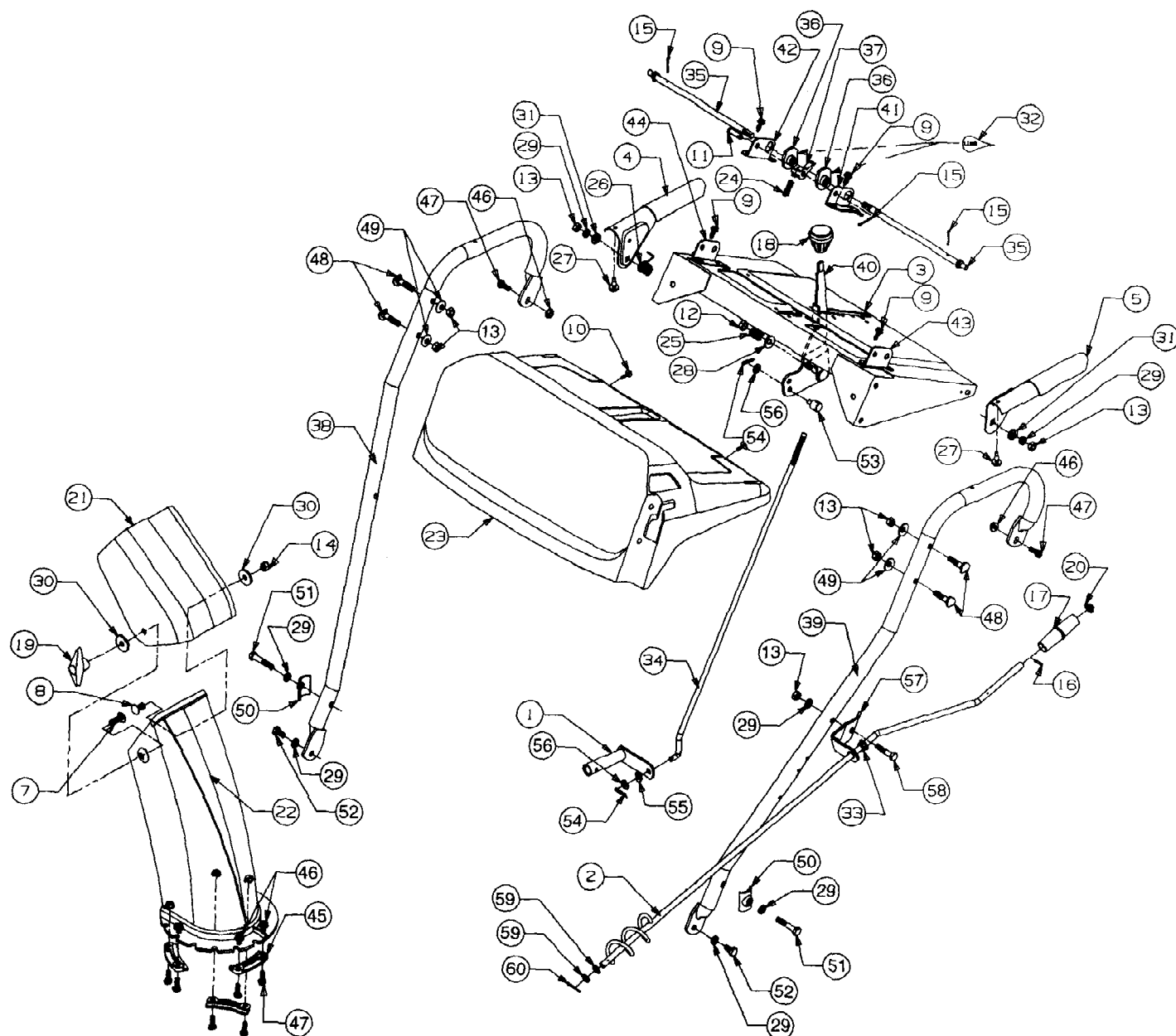
316-616E190 Snow Boss 500 (1996)  
Gear And Housing Assembly

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| Ref # | Part Number | Qty | S/P/F | Description                              |
|-------|-------------|-----|-------|------------------------------------------|
| 1     | 784-5618    | 2   | S     | Housing, Bearing                         |
| 2     | 05931       | 1   | S     | Housing, Bearing                         |
| 3     | 618-0120    | 1   | S     | Gear Assembly (24" Auger)                |
|       | 618-0121    | 1   | S     | Gear Assembly (26" Auger)                |
|       | 618-0160    | 1   | S     | Gear Assembly (30" Auger)                |
| 4     | 684-0039A   | 1   | S     | 24" Housing Assembly                     |
|       | 684-0040A   | 1   | S     | 26" Housing Assembly                     |
|       | 684-0055    | 1   |       | 30" Housing Assembly                     |
| 5     | 684-0065    | 1   | S     | Fan Asm, Blower 12"                      |
| 6     | 605-5188    | 1   | S     | Spiral, 24" R.H.                         |
|       | 605-5192    | 1   | S     | Spiral, 26" R.H.                         |
|       | 605-5248    | 1   | S     | Spiral, 30" R.H.                         |
| 7     | 605-5189    | 1   | S     | Spiral, 24" L.H.                         |
|       | 605-5193    | 1   | S     | Spiral, 26" L.H.                         |
|       | 605-5249    | 1   | S     | Spiral, 30" L.H.                         |
| 8     | 705-5226    | 1   |       | Reinforcement, Chute 5.0                 |
| 9     | 710-0167    | 2   | /P    | Bolt, Carriage                           |
| 10    | 710-0604    | 6   | S     | Screw, Hex                               |
| 11    | 710-0167    | 3   | /P    | Screw, Carriage                          |
| 12    | 710-0451    | 4   | /P    | Carriage Bolt                            |
| 13    | 710-0451    | 6   | /P    | Screw, Carriage                          |
| 14    |             | 1   |       | Welded to Ref. 100, 40                   |
| 15    | 710-0812    | 1   |       | Screw, Hex                               |
| 16    | 710-0890A   | 3   | /P    | Bolt, Shear                              |
| 17    | 710-1087    | 3   | S     | Screw, Hex                               |
| 18    | 712-0116    | 6   | S     | Hex Lock Nut                             |
| 19    | 712-0123    | 12  | /P    | Hex Nut                                  |
| 20    | 712-0158    | 3   | S     | Nut, Hex Lock                            |
| 21    | 712-0267    | 13  | S     | Nut, Hex                                 |
| 22    | 712-0287    | 1   | S     | Hex Nut                                  |
| 23    | 712-3027    | 6   | S     | Nut, Lock, Hex, Flanged                  |
| 24    | 715-0114    | 2   | S     | Spring Pin                               |
| 25    | 731-1379    | 1   | S     | Adapter, Chute                           |
| 26    | 732-0611    | 1   | S     | Spring                                   |
| 27    | 736-0119    | 15  | S     | Lock Washer                              |
| 28    | 736-0167    | 1   | S     | Washer, Flat                             |
| 29    | 736-0188    | 6   | /P    | Washer, Flat, .76 I.D. x 1.49 O.D. x .06 |
| 30    | 736-0242    | 16  | /P    | Washer, Bell                             |
| 31    | 736-0329    | 1   | S     | Washer, Lock                             |
| 32    | 738-0281    | 1   | S     | Screw, Shoulder                          |
| 33    | 741-0245    | 2   | S     | Bearing, Flange                          |
| 34    | 741-0309    | 1   | S     | Bearing, Bolt                            |
| 35    | 741-0475    | 1   | S     | Bushing, Plastic                         |
| 36    | 741-0493A   | 4   | /P    | Bushing, Flange                          |
| 37    | 756-0178    | 1   |       | Idler, Flat                              |
| 38    | 784-5580    | 2   |       | Shoe, Slide                              |
| 39    | 784-5581A   | 1   | S     | 24" Shave Plate                          |
|       | 784-5579A   | 1   | S     | 26" Shave Plate                          |
|       | 784-5575    | 1   | S     | Shave Plate                              |
| 40    | 684-0064    | 1   | S     | Arm, Auger Idler                         |
| 41    | 784-5647    | 1   | S     | Bracket, Chute Crank                     |

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Handle Grip And Chute Crank

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316-616E190 Snow Boss 500 (1996)  
Handle Grip And Chute Crank

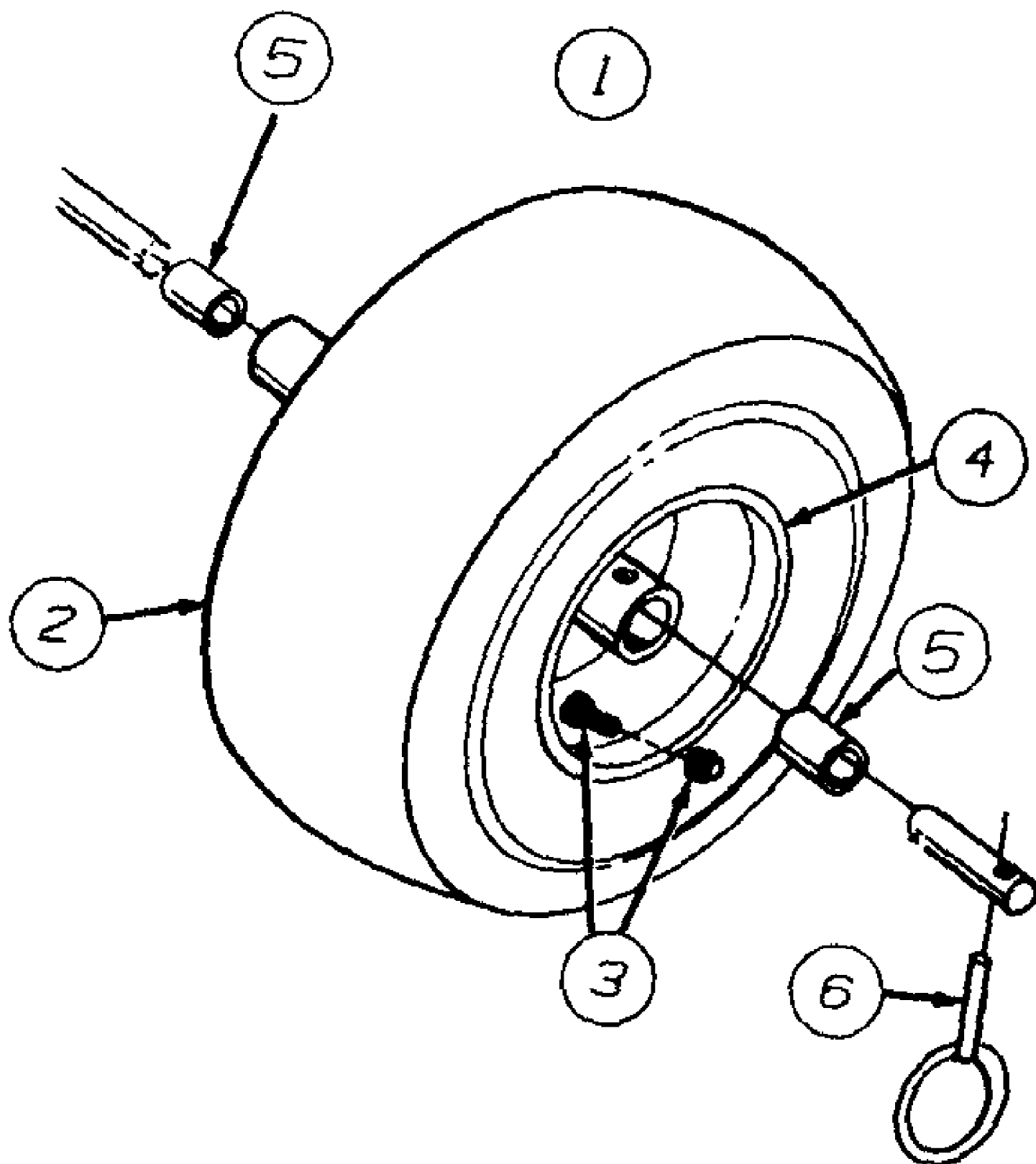
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| Ref # | Part Number | Qty | S/P/F | Description                   |
|-------|-------------|-----|-------|-------------------------------|
| 1     | 684-0008    | 1   | S     | Arm Shift                     |
| 2     | 684-0022    | 1   | S     | Crank Chute                   |
| 3     | 684-0033A   | 1   |       | Panel Handle                  |
| 4     | 684-0036    | 1   | S     | Handle Grip - R.H.            |
| 5     | 684-0037    | 1   | S     | Handle Grip - L.H.            |
| 7     | 710-0276    | 1   | /P    | Bolt - Carriage               |
| 8     | 710-0451    | 1   | /P    | Bolt - Carriage               |
| 9     | 710-0896    | 4   | /P    | Screw                         |
| 10    | 710-1003    | 2   | /P    | Screw                         |
| 11    | 711-0653    | 1   | /P    | Pin, Clevis                   |
| 12    | 712-0116    | 1   | S     | Nut, Lock                     |
| 13    | 712-0267    | 7   | S     | Nut, Hex                      |
| 14    | 712-3068    | 1   | S     | Nut, Lock, Hex                |
| 15    | 714-0507    | 3   | S     | Pin, Cotter                   |
| 16    | 715-0138    | 1   | S     | Roll Pin                      |
| 17    | 720-0201A   | 1   | /P    | Knob, Chute Crank             |
| 18    | 720-0232    | 1   | S     | Knob, Shift                   |
| 19    | 720-0284    | 1   | S     | Knob                          |
| 20    | 726-0100    | 1   | S     | Cap, Push                     |
| 21    | 731-0921    | 1   | S     | Chute, Upper                  |
| 22    | 731-1300A   | 1   | S     | Lower Chute                   |
| 23    | 731-1575    | 1   |       | Panel, Handle                 |
| 24    | 732-0145    | 1   | /P    | Spring                        |
| 25    | 732-0193    | 1   | /P    | Spring                        |
| 26    | 732-0746    | 1   |       | Spring                        |
| 27    | 735-0199A   | 2   | S     | Bumper                        |
| 28    | 736-0105    | 1   | /P    | Washer - Bell                 |
| 29    | 736-0119    | 7   | S     | Washer - Lock                 |
| 30    | 736-0231    | 2   | S     | Washer                        |
| 31    | 736-0509    | 2   |       | Washer                        |
| 32    | 737-0133    | 1   | S     | Grease                        |
| 33    | 741-0475    | 1   | S     | Bushing, Plastic              |
| 34    | 747-0798A   | 1   | /P    | Rod, Shift                    |
| 35    | 747-0877    | 2   |       | Rod, Cam                      |
| 36    | 748-0362    | 2   |       | Cam Handle Lock               |
| 37    | 748-0363    | 1   | S     | Pawl Handle Lock              |
| 38    | 749-0908A   | 1   | S     | Handle - R.H.                 |
| 39    | 749-0909    | 1   | S     | Handle - L.H.                 |
| 40    | 784-5619    | 1   | S     | Handle Shift                  |
| 41    | 784-5679    | 1   | S     | Bracket Handle Supt. - L.H.   |
| 42    | 784-5680    | 1   | S     | Bracket Handle Supt. - R.H.   |
| 43    | 784-5681    | 1   | /P    | Bracket Handle Supt. - L.H.   |
| 44    | 784-5682    | 1   | S     | Bracket Handle Supt. - R.H.   |
| 45    | 731-0851A   | 3   | /P    | Chute Flange Keeper           |
| 46    | 712-3027    | 8   | S     | Hex L-Nut 1/4-20 Thd.         |
| 47    | 710-0851    | 8   |       | Hex Bolt 1/4-20 x 3/4" Lg.    |
| 48    | 710-1250    | 4   | /P    | Carr. Bolt 5/16-18 x 1.5" Lg. |
| 49    | 736-0242    | 4   | /P    | Bell-Wash. 5/16" I.D.         |
| 50    | 784-5599    | 2   | S     | Handle Tab                    |
| 51    | 710-3180    | 2   | /P    | Hex Bolt 5/16-18 x 1.75" Lg.  |
| 52    | 710-0538    | 2   | /P    | Hex Bolt 5/16-18 x 5/8" Lg.   |
| 53    | 711-0677    | 1   | S     | Ferrule                       |
| 54    | 714-0104    | 2   | S     | Hairpin Clip                  |

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Handle Grip And Chute Crank

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| Ref # | Part Number | Qty | S/P/F | Description                 |
|-------|-------------|-----|-------|-----------------------------|
| 55    | 736-0271    | 1   | S     | Spr. Wash. 5/16" I.D.       |
| 56    | 736-0264    | 2   | S     | Fl-Wash. 5/16" I.D.         |
| 57    | 784-5678    | 1   |       | Upper Chute Crank Brkt.     |
| 58    | 710-0442    | 1   | S     | Hex Bolt 5/16-18 x 1.5" Lg. |
| 59    | 736-0140    | 2   | S     | Fl-Wash. 3/8" I.D.          |
| 60    | 714-0507    | 1   | S     | Cotter Pin                  |



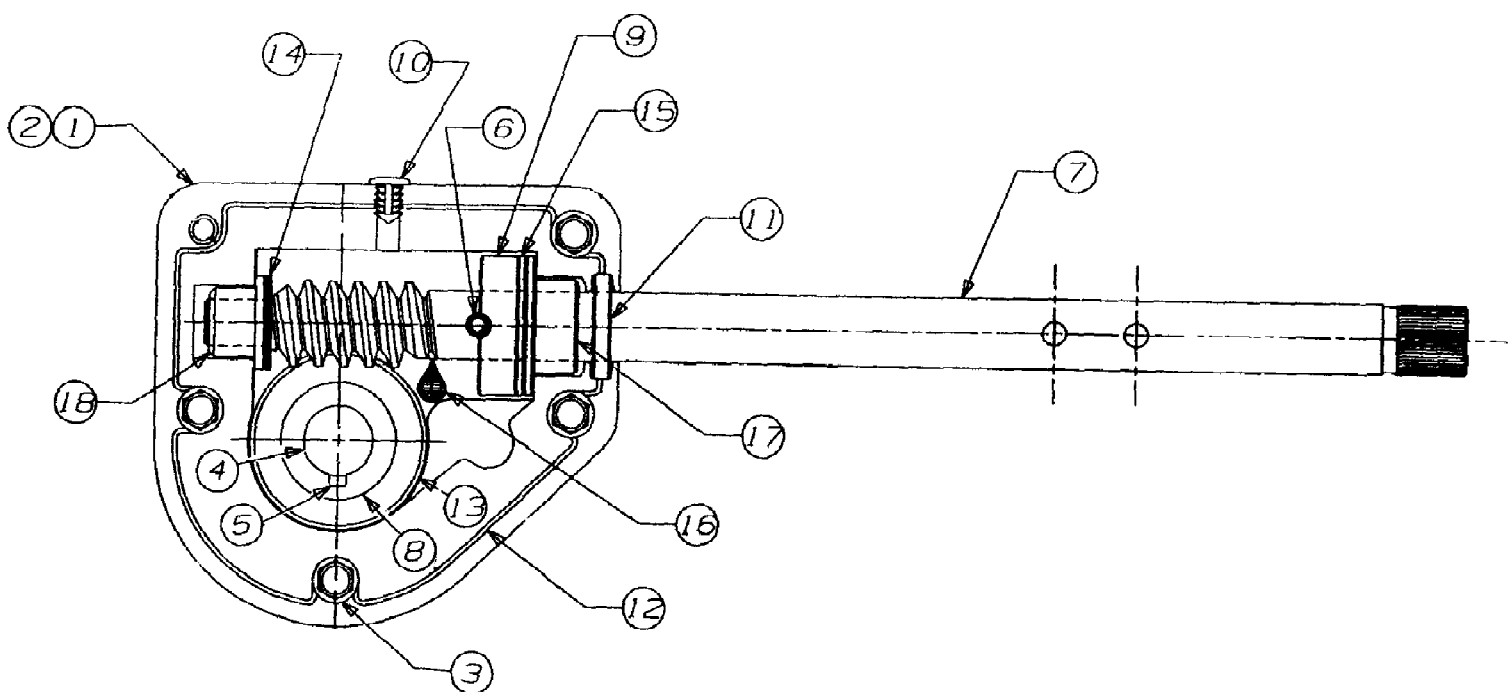
316-616E190 Snow Boss 500 (1996)  
Wheel Assemblies

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| Ref # | Part Number | Qty | S/P/F | Description                                        |
|-------|-------------|-----|-------|----------------------------------------------------|
| 1     | 734-1714    | 1   |       | Wheel Assembly Complete - 13 x 5 For model 616E    |
|       | 734-1709    | 1   |       | Wheel Assembly Complete - 16 x 4.8 For model 646F  |
|       | 734-1712    | 1   |       | Wheel Assembly Complete - 16 x 6.5 For model E666H |
| 2     | 734-1527    | 1   |       | Tire Only - 13 x 5 For model 616E                  |
|       | 734-1530    | 1   |       | Tire Only - 16 x 4.8 For model 646F                |
|       | 734-1525    | 1   |       | Tire Only - 16 x 6.5 For model E666H               |
| 3     | 734-0255    | 1   | S     | Air Valve For models 616E, 646F & E666H            |
| 4     | 734-1713    | 1   |       | Rim Only - 13 x 5 For model 616E                   |
|       | 734-1708    | 1   | S     | Rim Only - 16 x 4.8 For model 646F                 |
|       | 734-1711    | 1   |       | Rim Only - 16 x 6.5 For model E666H                |
| 5     | 741-0401    | 2   | S     | Sleeve Bearing For models 616E, 646F & E666H       |
| 6     | 714-0143    | 1   | S     | Klick Pin For models 616E, 646F & E666H            |

316-616E190 Snow Boss 500 (1996)  
Worm Gear And Shaft

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316-616E190 Snow Boss 500 (1996)  
Worm Gear And Shaft

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| Ref # | Part Number | Qty | S/P/F | Description              |
|-------|-------------|-----|-------|--------------------------|
| 1     | 618-0123    | 1   | S     | Housing - R.H.           |
| 2     | 618-0124    | 1   | S     | Housing - L.H.           |
| 3     | 710-0642    | 5   | /P    | Screw                    |
| 4     | 711-1024    | 1   | S     | Axle, Spiral 30" (E666H) |
| 4     | 711-0909    | 1   | S     | Axle, Spiral 26" (E646F) |
| 4     | 711-0908    | 1   | S     | Axle, Spiral 24" (616E)  |
| 5     | 714-0161    | 1   | S     | Key, Hi-Pro              |
| 6     | 715-0143    | 1   | S     | Pin, Spiral              |
| 7     | 717-0526    | 1   |       | Worm, Shaft              |
| 8     | 717-0528    | 1   | S     | Gear, Worm               |
| 9     | 718-0186    | 1   |       | Collar, Thrust           |
| 10    | 721-0325    | 1   |       | Plug                     |
| 11    | 721-0327    | 1   |       | Seal, Oil                |
| 12    | 721-0328    | .45 |       | Loctite 5699             |
| 13    | 736-0351    | 2   | S     | Washer - Flat            |
| 14    | 736-0369    | 4   | S     | Washer - Flat            |
| 15    | 736-0445    | 1   | S     | Washer - Flat            |
| 16    | 737-0168    | 1   | S     | Grease                   |
| 17    | 741-0376    | 1   | S     | Bearing Flange           |
| 18    | 748-0108    | 1   | S     | Bearing Flange           |