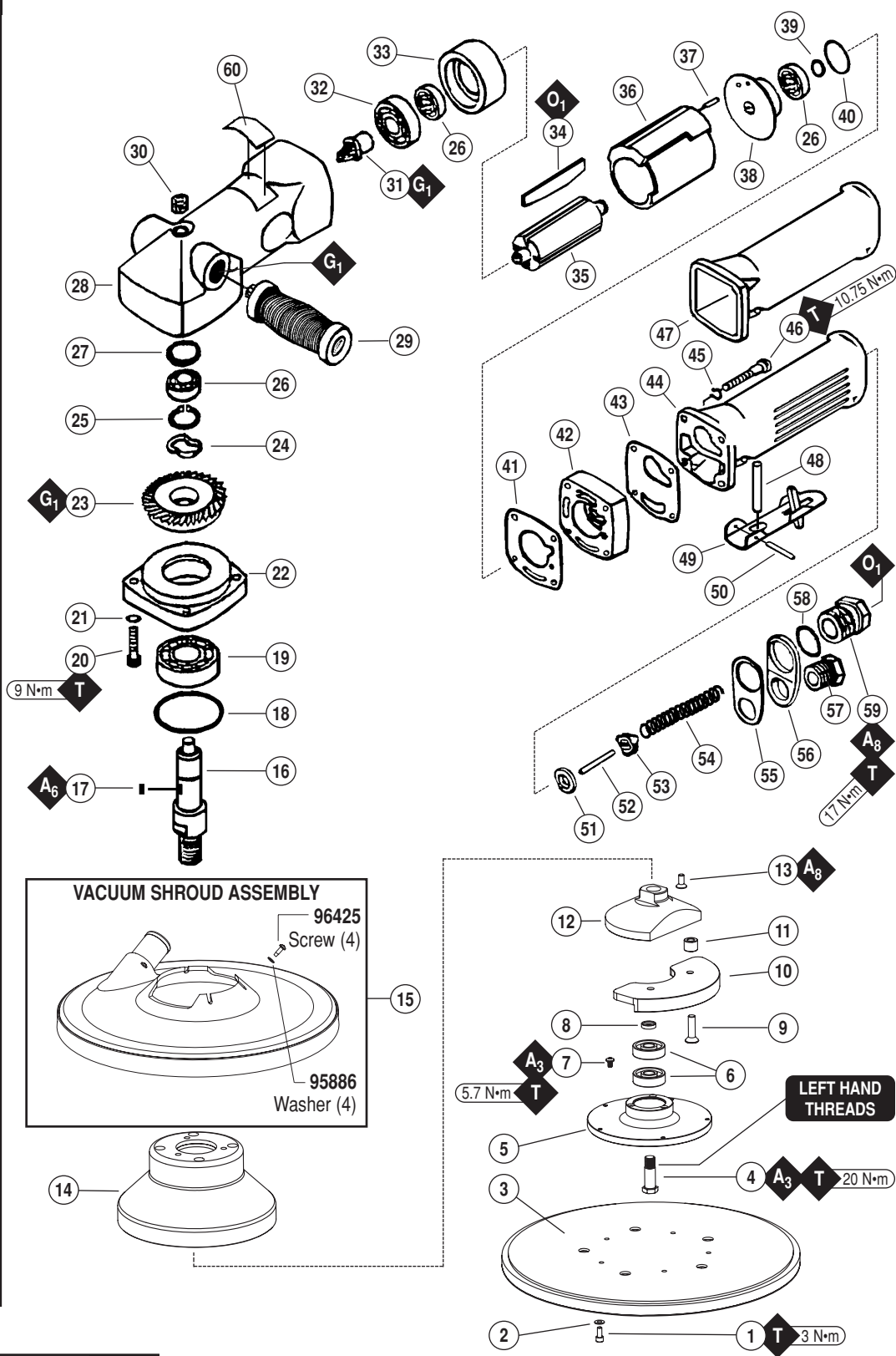


# 11" Random Orbital Sander Complete Assembly

## Index Key

| No. | Part # | Description                               |
|-----|--------|-------------------------------------------|
| 1   | 95178  | Screw (5)                                 |
| 2   | 95886  | Washer (5)                                |
| 3   | 56231  | Pad<br>(Optional Pads Pg.8)               |
| 4   | 61355  | Bearing Shaft                             |
| 5   | 61353  | Mount Plate                               |
| 6   | 54520  | Bearing (2)                               |
| 7   | 96118  | Screw (3)                                 |
| 8   | 94914  | Spacer                                    |
| 9   | 96557  | Screw (2)                                 |
| 10  | 61352  | Counterweight                             |
| 11  | 61354  | Spacer (2)                                |
| 12  | 61351  | Adapter                                   |
| 13  | 95344  | Screw (3)                                 |
| 14  | 61356  | Guard Assembly                            |
| 15  | 61360  | Vacuum Shroud Assy.<br>(Model 58485 Only) |
| 16  | 18564  | Spindle                                   |
| 17  | 18563  | Key                                       |
| 18  | 18562  | Retaining Ring                            |
| 19  | 18561  | Bearing                                   |
| 20  | 18560  | Screw (4)                                 |
| 21  | 18559  | Washer (4)                                |
| 22  | 18902  | Spindle Cap                               |
| 23  | 18593  | Bevel Gear                                |
| 24  | 18557  | Wave Washer                               |
| 25  | 18556  | Retaining Ring                            |
| 26  | 18555  | Bearing (3)                               |
| 27  | 18554  | Spacer                                    |
| 28  | 18552  | Housing                                   |
| 29  | 18553  | Handle                                    |
| 30  | 18551  | Plug                                      |
| 31  | 18594  | Pinion Gear                               |
| 32  | 18568  | Bearing                                   |
| 33  | 18569  | Front Bearing Plate                       |
| 34  | 18570  | Blade (4/pkg.)                            |
| 35  | 18595  | Rotor                                     |
| 36  | 18571  | Cylinder                                  |
| 37  | 18572  | Pin                                       |
| 38  | 18573  | Rear Bearing Plate                        |
| 39  | 18567  | Retaining Ring                            |
| 40  | 18574  | O-Ring                                    |
| 41  | 18576  | Gasket                                    |
| 42  | 18577  | Spacer                                    |
| 43  | 18578  | Gasket                                    |
| 44  | 18579  | Valve Housing                             |
| 45  | 18559  | Washer (4)                                |
| 46  | 18580  | Screw (4)                                 |
| 47  | 61363  | Grip                                      |
| 48  | 18581  | Valve Stem                                |
| 49  | 18582  | Safety Throttle Lever                     |
| 50  | 18583  | Pin                                       |
| 51  | 18584  | Valve Seat                                |
| 52  | 18585  | Valve Pin                                 |
| 53  | 18586  | Valve                                     |
| 54  | 18587  | Valve Spring                              |
| 55  | 18588  | Gasket                                    |
| 56  | 18589  | Exhaust Retainer                          |
| 57  | 18592  | Exhaust Bushing                           |
| 58  | 18590  | O-Ring                                    |
| 59  | 18591  | Inlet Bushing                             |
| 60  | 18604  | Label - Mdl 58480                         |
|     | 18605  | Label - Mdl 58485                         |



## KEY

- O** Oil: O<sub>1</sub> = Air Lube    **G** Grease:  
G<sub>1</sub> = Lubriplate 630 AA
- A** Adhesive: A<sub>3</sub> = Loctite #242    A<sub>8</sub> = Loctite #567  
A<sub>6</sub> = Loctite #380
- T** Torque: N·m x 8.85 = In. - lbs.