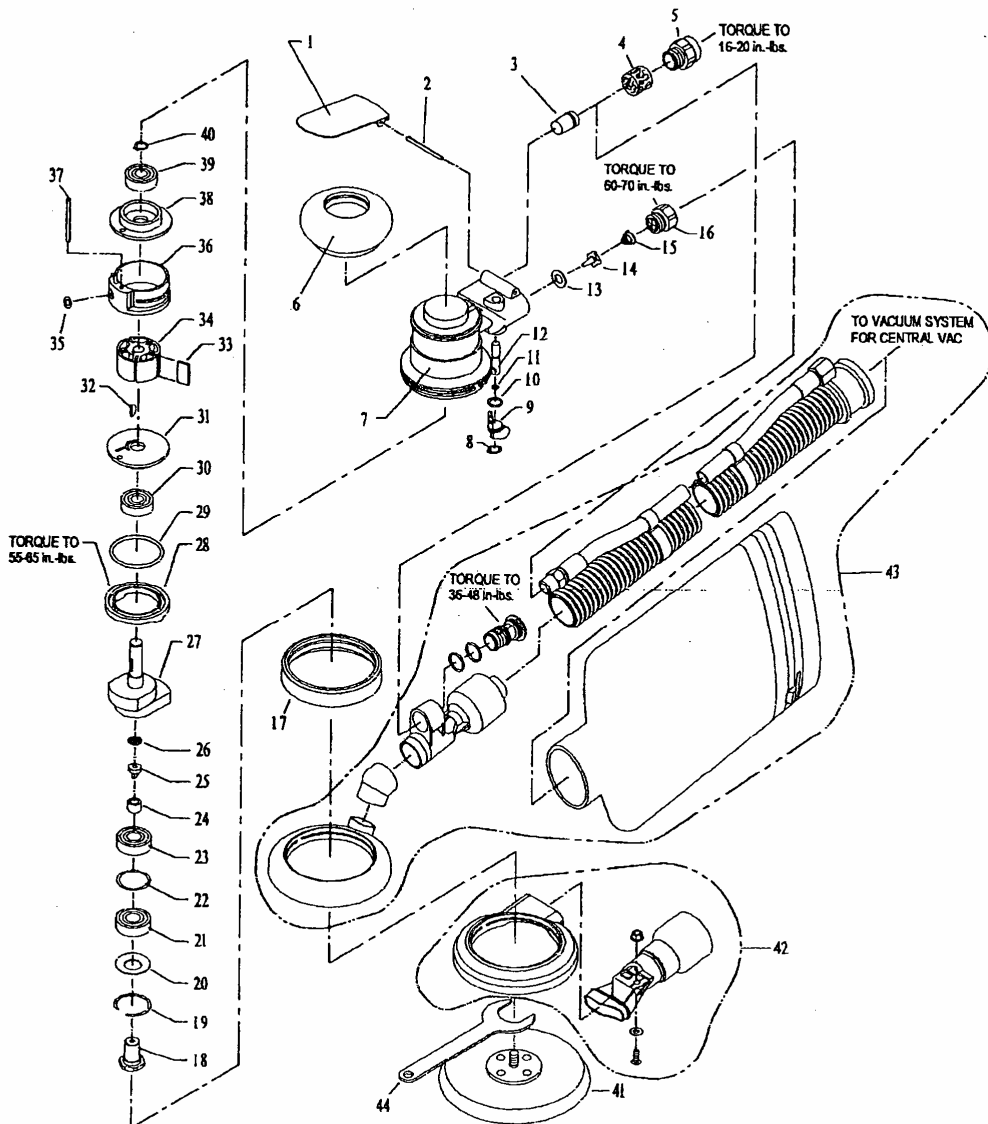


**AS413/AS415/AS416**  
**3"/5"/6" DUAL ACTION ORBITAL SANDER**



**MAC TOOLS, INC.**  
**4635 HILTON CORPORATE DRIVE**  
**COLUMBUS, OHIO 43232-0940**

# PARTS LIST

| No. | Part No.     | Description                                                | Qty.     |
|-----|--------------|------------------------------------------------------------|----------|
| 1   | AS413-15     | THROTTLE LEVER FOR AS413                                   | 1        |
| 1   | AS415-15K    | THROTTLE LEVER FOR AS415                                   | 1        |
| 1   | AS416-15K    | THROTTLE LEVER FOR AS416                                   | 1        |
| 2   | AS415-31     | PIN                                                        | 1        |
| 3   | AS415-54     | MUFFLER                                                    | 1        |
| 4   | AS415-68     | MUFFLER INSERT                                             | 1        |
| 5   | AS415-166    | MUFFLER HOUSING                                            | OPTIONAL |
| 6   | AS415-241    | 2 1/2 in. GRIP (65 mm)                                     | OPTIONAL |
| 6   | AS415-242    | 2 3/4 in. GRIP (70 mm)                                     | 1        |
| 6   | AS415-09R    | 3 in. GRIP (75 mm) STANDARD                                | 1        |
| 7   | AS415-26K    | HOUSING                                                    | 1        |
| 8   | AS415-39     | RETAINING RING                                             | 1        |
| 9   | AS415-14B    | SPEED CONTROL                                              | 1        |
| 10  | AS415-43     | O-RING                                                     | 1        |
| 11  | AS415-98     | O-RING                                                     | 1        |
| 12  | AS415-08     | VALVE STEM ASSEMBLY INCLUDES (11) O-RING                   | 1        |
| 13  | AS415-09     | VALVE SEAT                                                 | 1        |
| 14  | AS415-07     | VALVE                                                      | 1        |
| 15  | AS415-14     | VALVE SPRING                                               | 1        |
| 16  | AS415-13     | INLET BUSHING                                              | 1        |
| 17  | AS415-33R    | 3 in. NON-VAC SHROUD                                       | 1        |
| 18  | AS415-18B    | SPINDLE                                                    | 1        |
| 19  | AS415-18     | RETAINING RING                                             | 1        |
| 20  | AS415-17     | BELLEVILLE WASHER                                          | 1        |
| 21  | AS415-20     | BEARING                                                    | 1        |
| 22  | AS415-193    | BEARING SHIM                                               | 1        |
| 23  | AS415-35     | BEARING                                                    | 1        |
| 24  | AS415-120    | RETAINER                                                   | 1        |
| 25  | AS415-121    | VALVE                                                      | 1        |
| 26  | AS415-122    | FILTER                                                     | 1        |
| 27  | AS413-20     | 3-3 1/2 in. AirSHIELD™ SHAFT BALANCER 3/16 in. ORBIT (5mm) | 1        |
| 27  | AS415-72     | 5 in. AirSHIELD™ SHAFT BALANCER 3/16 in. ORBIT (5mm)       | 1        |
| 27  | AS416-73     | 6 in. AirSHIELD™ SHAFT BALANCER 3/16 in. ORBIT (5mm)       | 1        |
| 28  | AS415-01     | LOCK RING                                                  | 1        |
| 29  | AS415-45     | O-RING                                                     | 1        |
| 30  | AS415-19     | BEARING                                                    | 1        |
| 31  | AS415-64     | FRONT END PLATE                                            | 1        |
| 32  | AS415-41     | KEY                                                        | 1        |
| 33  | AS415-10     | VANE                                                       | 1        |
| 34  | AS415-05B    | ROTOR, VANES AND KEY SET                                   | 1        |
| 35  | AS415-42     | O-RING                                                     | 1        |
| 36  | AS415-66B    | CYLINDER ASSEMBLY, INCLUDES (37) PIN                       | 1        |
| 37  | AS415-04     | PIN                                                        | 1        |
| 38  | AS415-65     | REAR END PLATE                                             | 1        |
| 39  | AS415-21     | BEARING                                                    | 1        |
| 40  | AS415-40     | RETAINING RING                                             | OPTIONAL |
| 41  | AS413-00     | 3 in. NON-VAC VINYL FACE PAD                               | 1        |
| 41  | AS413-01     | 3 in. NON-VAC HOOK FACE PAD                                | 1        |
| 41  | AS415-00     | 5 in. NON-VAC VINYL FACE PAD                               | 1        |
| 41  | AS416-00     | 6 in. NON-VAC VINYL FACE PAD                               | 1        |
| 41  | AS415-00H    | 5 in. NON-VAC HOOK FACE PAD                                | 1        |
| 41  | AS416-00H    | 6 in. NON-VAC HOOK FACE PAD                                | OPTIONAL |
| 42  | AS415-101-VA | NV ROS TO 5 in. TE CV CONVERSION KIT, INCLUDES PAD         | OPTIONAL |
| 42  | AS416-101-VA | NV ROS TO 6 in. TE CV CONVERSION KIT, INCLUDES PAD         | OPTIONAL |
| 43  | AS415-102-DF | NV ROS TO 5 in. TE SGV CONVERSION KIT, INCLUDES PAD        | OPTIONAL |
| 43  | AS416-102-DF | NV ROS TO 6 in. TE SGV CONVERSION KIT, INCLUDES PAD        | OPTIONAL |
| 44  | AS415-22     | PAD WRENCH                                                 | 1        |