

## Product Safety Information

### Intended Use:

These Air Impact Wrenches are designed to remove and install threaded fasteners.

### For additional information refer to Product Safety Information Manual Form 04580916.

Manuals can be downloaded from [ingersollrandproducts.com](http://ingersollrandproducts.com)

## Power Management System

For models that include a power management system, the system allows operator reduction of maximum output power in either the forward or the reverse direction.

**For reduced power in the forward direction and full power in the reverse direction,** push the reverse valve inward on the right side of the tool and rotate the reverse valve until the notch on the right side aligns with the desired number on the right side. This provides reduced power in forward but full power in reverse when the reverse valve is pushed in the opposite direction. (See TPD1248 on page 2.)

**For reduced power in the reverse direction and full power in the forward direction,** push the reverse valve inward on the left side of the tool and rotate the reverse valve until the notch on the left side aligns with the desired number on the left side. This provides full power in forward but reduced power in reverse when the reverse valve is pushed the opposite direction. (See TPD1249 on page 2.)

**For full power in both directions,** rotate the Reverse Valve until the notch on either end of the Reverse Valve aligns with 5 on each side of the housing.

The power level indicators (See TPD1248 and TPD 1249) are for reference and **DO NOT** indicate a specific power. The power output can be further reduced in forward or reverse by using the variable throttle.

## Product Specifications

Model	Style	Drive		Impacts per min.	Recommended Torque Range ft-lb (Nm)	
		Type	Size		Forward	Reverse
231C	Pistol	Square	1/2"	1,200	25-300 (34-407)	25-350 (34-475)
231C-AP	Pistol	Square	1/2"	1,200	25-300 (34-407)	25-350 (34-475)
231HA	Pistol	Square	1/2"	1,150	25-300 (34-407)	25-350 (34-475)
231HA-2	Pistol	Square 2" extended	1/2"	1,150	25-300 (34-407)	25-350 (34-475)
244A	Pistol	Square	1/2"	1,300	40-350 (54-475)	40-350 (54-475)
244A-2	Pistol	Square 2" extended	1/2"	1,300	40-350 (54-475)	40-350 (54-475)