

General Specification & Application Data

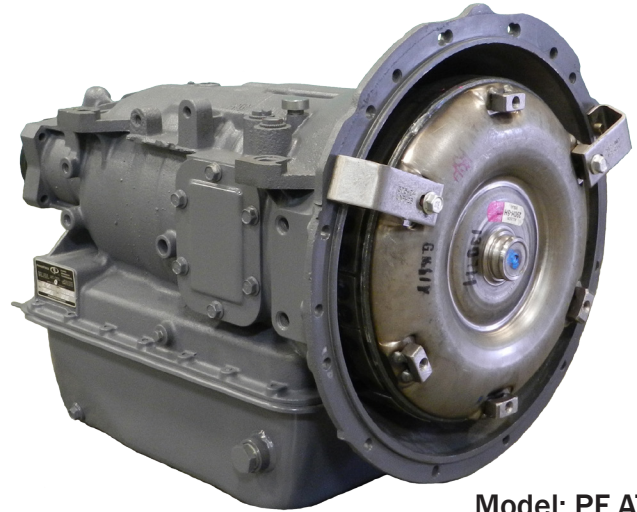
**POWERFORCE® - A Premium Brand for Power and Drive Remanufactured Transmissions:**

POWERFORCE® is the premium brand offered by Central Power Systems & Services. With the expertise to produce, in volume, a quality, durable, reliable, and price competitive remanufactured Allison transmission.

All POWERFORCE® transmissions are completely remanufactured.....  
.....NOT rebuilt!

By using proprietary factory specifications, lean manufacturing procedures, genuine OEM parts, state-of-the-art test equipment, and proper final calibrations, POWERFORCE® transmissions guarantee the highest quality and best value for our customers.

As an Allison Distributor since 1953, it's our #1 goal to ensure quality first. All POWERFORCE® Allison transmissions are remanufactured back to the original factory specifications. With up-to-date training and factory certified overhaul specialists, it's our pleasure to offer you POWERFORCE® the most dependable remanufactured product available.



Model: PF AT 545

Model shown is a remanufactured POWERFORCE® At 545

Power Ratings	Unit	Diesel	Gasoline
Max Net Input Power Range	HP	150-235	150-235
Max Net Input Torque Range	lb ft	310-445	310-445

**General Rating:**

Application ratings vary significantly from general ratings. Contact Central Power Systems & Services for specific vocational ratings.

Transmission Model and Applications	
Original Manufacturer	Allison
Allison Series	AT
Allison Model Number	AT 545
Remanufacturer	POWERFORCE®
POWERFORCE® Model Number	PF AT 545
Applications	Emergency Vehicle
	P & D Truck
	Airport Shuttle
	Street Sweeper
	Flat Bed Truck
	Tanker
	Utility Truck
	Stepvan
	Motor Home
	School Bus
Other Applications Available	
Transmission Specifications	
Full Load Governed Speed Diesel	2400-4000 rpm
Full Load Governed Speed Gasoline	3200-4400 rpm
Engine Mounting	SAE#3 Flywheel Housing Additional Adaptation Required
Oil Pan Options	5.1 Inch
Fluid Type	TES™ 295 Approved Fluid

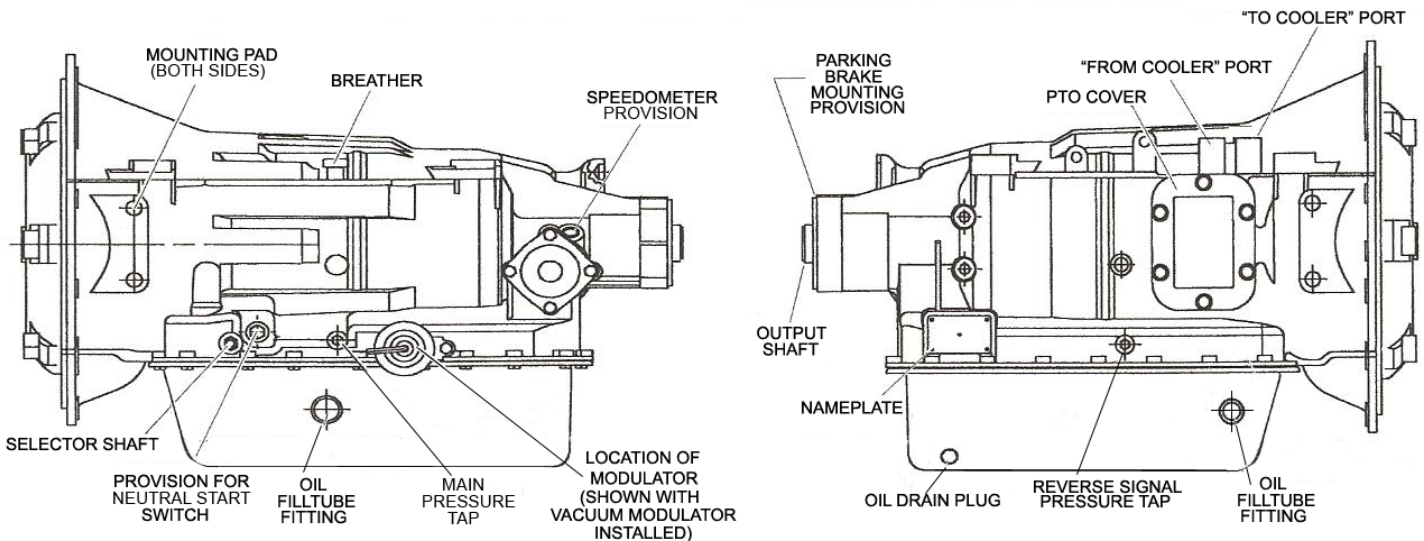
Torque Converter Options		
Ratios	TC 275 (1.96:1), TC 290 (1.72:1)	
Gear Ratios		
(Gear ratio does not include torque converter ratio)	1st Range	3.45:1
	2nd Range	2.25:1
	3rd Range	1.41:1
	4th Range	1.00:1
	Rev. Range	-5.02:1
Power Take-Off Gear Ratings		
Turbine Driven	250 lb ft Intermittent Operation	
	200 lb ft Continuous Operation	
Engine Driven	Not Applicable in AT Models	
Shift Sequence		
Lockup	(D) 1C-2C-3C-4C	
	(3) 1C-2C-3C	
	(2) 1C-2C	
	(1) 1C	
Second Gear Start Option	Option Available	
C= Drive through the torque converter; L= Drive with Lockup engaged		

Operators of the transmissions remanufactured by the POWERFORCE® team are assured a quality unit that considerably enhances the life of the equipment. The following below summarizes why it's wise to select POWERFORCE®. A Premium Brand For Power and Service:

- Remanufactured....not rebuilt or repaired
- Remanufactured back to the original factory OEM specifications
- A certified Allison transmission remanufacturing distributor
- All transmissions are dyno'd, pressure and leak checked, and load tested
- A custom built remanufacturing facility
- Large inventory for premium remanufactured swing transmissions
- 60 years of transmission experience as an Allison distributor
- Factory certified transmission specialists
- Established track record in performance and reliability
- Backed-up by the POWERFORCE® warranty

## Model: PF AT 545 Transmission

## Transmission Configuration Details



Fluid Specifications		Transmission Dimensions * (All dimensions are in inches)				
Initial Fill **	Fluid Type	L = Length	W = Width	H = Height	Weight lbs	
20 US Quarts	TES™ 295 Approved Fluid	27.25	20.70	20.20	Base Model	With PTO
					267	275

\* All measurements are approximate and for estimation purposes only.

\*\* The amount of transmission fluid shown in the following chart does not include the amount required to fill external circuits

### POWERFORCE® Transmissions comply with applicable codes and standards

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