

LANDING GEAR STRUT SERVICE UNIT 8844B

The 8844B Strut Service Tool was developed to reduce the time and support equipment required to service single or dual chamber aircraft landing gear struts. This tool **eliminates the need to jack your aircraft**, while also allowing for a **single connection to remove and replace fluid and nitrogen** to the struts. It is estimated to **save over 20 labor hours** for each operation. Equipped with foam filled tires, a waste tank for used fluid, and a towbar, this unit can be **easily transported for use in the hangar or on the ramp.**



NO AIRCRAFT JACKING REQUIRED



SAVES +20 LABOR HOURS



**SINGLE CONNECTION POINT TO
REMOVE AND REPLACE NITROGEN
AND HYDRAULIC FLUID**

APPROVED AIRCRAFT APPLICATIONS

Airbus All Narrow Body & Wide Body Aircraft
Single or Dual Chamber Struts

Boeing All Narrow Body & Wide Body Aircraft
Single or Dual Chamber Struts

Gulfstream 450, 500, 550, 650 MLG, 700 MLG

THE MALABAR ADVANTAGE

Malabar Equipment is built to withstand harsh environmental conditions, rugged use and provide many years of continuous service. Our customers are guaranteed a quality product with each purchase and are assured of our continued product support whenever and wherever the need arises.



STANDARD FEATURES

- Intuitive Control Panel
- Towable Unit with Integrated Reservoir and Tubular Frame
- 3" Lunette Tow Ring
- Foam Filled Tires
- Intercylinder Baffles
- Dual Reservoir (8.5 Gallons for Clear Fluid and 7 Gallons for Waste Fluid)
- Fluid Sights
- Fill Cap
- Desiccant Breather
- Strut Vent System
- Drain Valve and Cleanout
- Air Operated Hydraulic Pump and Vacuum Degassing System
- Regulated Nitrogen and Air Connections
- Suction and Return Filtration
- Vacuum and Analog Pressure Gauges
- Two Service Hoses with Strut Safety Chucks on Hose Racks
- Skydrol Resistant Paint (White)
- 1-Year Standard Warranty

OPTIONAL FEATURES

- Two Retractable Hose Reels With 25' Service Hoses
- Return Fluid Sight
- Custom Paint Color

LANDING GEAR STRUT SERVICE UNIT

MODEL		8844B
DIMENSIONS	Length	28.5 in (723.9mm)
	Width	31.5 in (800.1 mm)
	Height	60 in (1524 mm)
	Weight (Dry)	265 lbs (184 kg)
	Weight (Wet)	405 lbs (184 kg)
SPECIFICATIONS	Reservoir Capacity	18 gallons (68 liters)
	Clean Reservoir Capacity	8.5 gallons (32 liters)
	Waste Reservoir Capacity	7 gallons (26 liters)
	Air Inlet	90-110 psig (6.3-7.7 kg/sq cm)
	Regulated Nitrogen Inlet	3,000 psig max (210 kg/sq cm)
	Service Hose (2 each)	25 ft (7620 mm)
	Hydraulic Fluid	MIL-PRF-5606 or equivalent
	Standard Finish	Skydrol resistant paint (white)
PERFORMANCE	Maximum Towing Speed	20 mph (32 kph)
	Hydraulic Bypass Relief Valve Setting	3,000 psig (210 kg/sq cm)
	Fluid Pump Air Consumption	56 scfm @ 100 psig
	Fluid Pump Nitrogen Consumption	62 scfm @ 100 psig
	Fluid Delivery Rate	2 gpm @ 1,500 psig
	Suction Fluid Filter	10 micron
	Return Fluid Filter	25 micron
Vacuum Degassing System	20 in Hg	

COMPLETE YOUR GSE FLEET

To operate the 8844B, a charged nitrogen bottle and an external source of air via a generator or shop air is needed. Luckily, we have you covered!

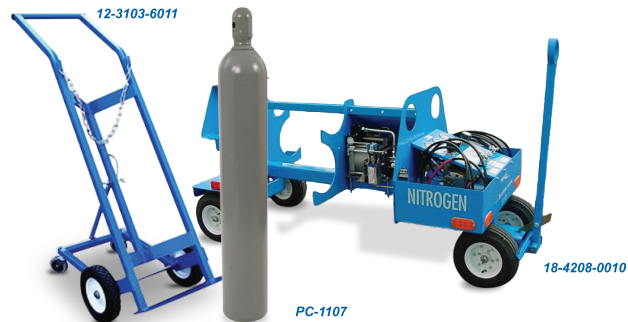
Nitrogen Transport Cart

Chain provided to secure bottles to cart
Tilt-back positioning to stabilize load

Nitrogen Bottle

Nitrogen Cart with Booster

High Pressure Regulator 25 to 4,000 psi
Low Pressure Regulator 0 to 500 psi
Holds four 9 in diameter Nitrogen Bottles



Tronair.com
Malabar.com
sales@tronair.com
1.800.426.6301
1 Air Cargo Parkway East
Swanton, Ohio 43558

SOLD & SERVICED BY:



The Most Trusted Name in GSE



REV. 3.13.24