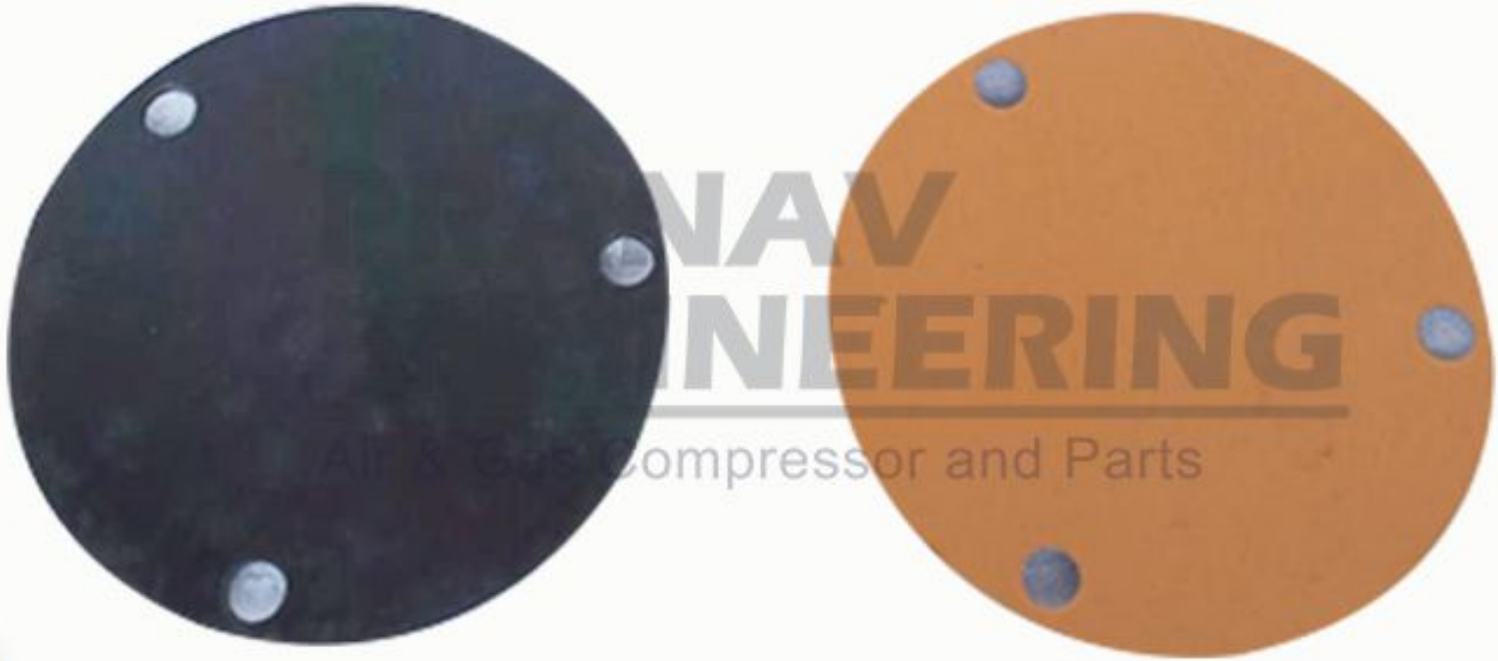
NAV
INEERING
Air Compressor and Parts

DIAPHRAGM 1616582400

If you’re maintaining or repairing industrial or heavy-duty pneumatic systems, the Diaphragm 1616582400 is a crucial component. This diaphragm is commonly found in actuators, valves, and other air-operated mechanisms that require a precise seal and smooth motion. Over time, the original part can wear out — leading to air leaks, inconsistent performance, or complete failure. That’s where aftermarket replacements come in.

Steps for Replacement

Signs You Need to Replace the Diaphragm
Air or fluid leaks around the actuator or valve
Reduced system pressure or inconsistent movement
Visible cracks or stiffness in the rubber
Slow or jerky actuator motion
Installation Tips
Ensure all components are clean and free of debris.
Inspect housing surfaces for scoring or corrosion.
Lubricate lightly (if manufacturer-approved).

TECHNICAL SPECIFICATION

Parameter	Typical Value / Range
Material:	Typically rubber (can be EPDM, PTFE, or similar elastomers depending on application).
Application:	Suited for use with inert, corrosive, or gaseous media, capable of withstanding dynamic pressure fluctuations
Pressure Resistance:	Designed for use in air compressors that handle pressures from 10 to 16 bar (general range for standard diaphragms)
Temperature Performance:	Operational range typically between -30°C to +150°C, with variations based on material (EPDM or PTFE membranes).
Function:	Maintains system balance, prevents leakage, and supports compressor safety by regulating pressure zones.
Industry Usage:	Utilized in industrial air compressors and related pneumatic equipment.

Technical support 24/7

We offer 24/7 technical support to ensure quick assistance whenever needed. Our team is always ready to help with product setup, troubleshooting, and urgent service requests.

Consultation

Need help choosing the right product? We provide expert consultations to guide you through selection, technical compatibility, and project-specific requirements.
Warranty

Product Warranty

All parts come with a minimum 6-Month warranty against all manufacturing defect. We guarantee the quality and reliability of every product supplied.

Order now:

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