

Lock Water & Other Contaminants Out of Your Gearbox Dodge Torque-Arm™ Products

When a standard filter breather is not enough for a humid environment, Dodge now offers the optional Hydra-Lock line of harsh duty desiccant breathers. These are designed to deliver maximum protection from humidity and contaminants. The breathers not only filter moisture, but also filter particles down to 3 microns. The benefit to the end user is maximum protection for maximum uptime.

Ideal For...

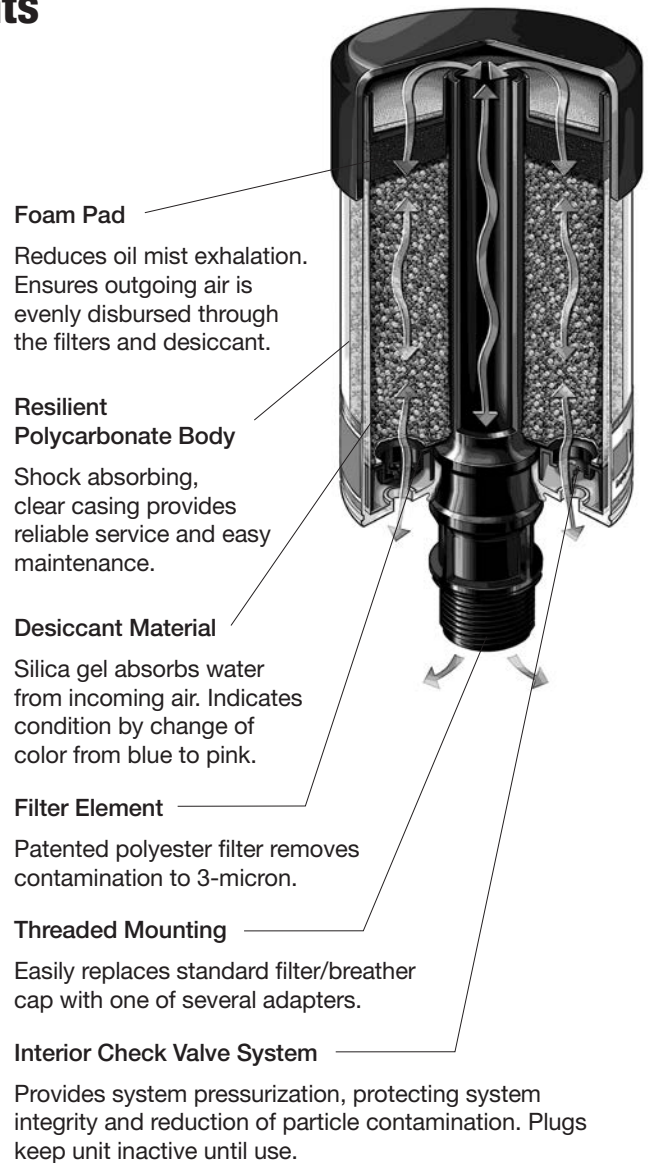
- Higher humidity environments
- Wash-down applications
- Gearboxes in storage
- A higher level of contaminant protection

Specifications:

- Integrated nylon standpipe
- Interior check valves create a nearly sealed system
- Clear polycarbonate casing allows for greater chemical compatibility and vibration resistance
- Multi-tiered filtration process

Benefits:

- Eliminates rust-forming condensation
- Prevents sludge deposits & water-contaminated oil
- Provides longer oil and filter life
- Reduces wear and tear on equipment, prolongs life



Product Specifications	HLO	HL1	HL2	HL3	HL4
Assembly part number	964372	964364	964366	964368	964370
Unit Height (in/mm)	3.90"/99.06 mm	5.31"/135 mm	6.125"/155.6 mm	8.125"/206.4 mm	10.125"/257.2 mm
Unit Diameter (width in/mm)	2.52"/64.01 mm	2.52"/64 mm	4"/101.6 mm	4"/101.6 mm	4"/101.6 mm
Adsorption Capacity (fl oz/ml)	0.79 fl oz/23.3 ml	1.68 fl oz/49.6 ml	4.00 fl oz/118.2 ml	7.45 fl oz/220.3 ml	11.3 fl oz/333 ml
Filtration	3μ absolute (β ₃ ≥200)	3μ absolute (β ₃ ≥200)	3μ absolute (β ₃ ≥200)	3μ absolute (β ₃ ≥200)	3μ absolute (β ₃ ≥200)
Operating Temp. Range (°F)	neg. 20 to 200	neg. 20 to 200	neg. 20 to 200	neg. 20 to 200	neg. 20 to 200
Operating Temp. Range (°C)	neg. 29 to 93	neg. 29 to 93	neg. 29 to 93	neg. 29 to 93	neg. 29 to 93
Thread Connection Size (NPT)	3/8"	3/8"	1"	1"	1"
Recommended for Dodge Reducer Sizes:	TA0107-TA3203; MTA2&3; TXT1-TXT4	TA4207-TA9415; MTA4-8; TXT5 - TXT9	TA10507-TA12608; TXT10-TXT12; TDT13-TDT15; MagnaGear 100-390	MagnaGear 525-920	MagnaGear Extreme Duty Applications

Dodge offers breathers for any application.

From a standard filter breather to a fully enclosed chamber breather. This allows the customer to pick their desired level of protection.

Standard Filter Breather

- An unconstrained filter element
- A screen below the filter and a cap over the filter
- A larger opening below the filter
- A taller overall height helps to avoid dust buildup around opening



Hydra-Lock Desiccant Breathers

- Internal check valve system creates a nearly sealed system
- Integrated nylon standpipe and clear Polycarbonate casing allow for greater chemical compatibility and vibration resistance
- Filter element captures particles at 3 micron absolute



40 Micron Filter Breather

- 40 micron ceramic filter
- Metal cap
- Corrosion resistant



Totally Enclosed Chamber Breather

- Totally enclosed metal breather
- Allows no outside air to enter the reducer
- Expands and contracts with pressure
- Good for high humidity/wet environments



Product Specifications	Std Filter Breather	40 Micron Ceramic	Hydra-Lock Desiccant	Enclosed Chamber
Assembly part number	900287 / 904287	430048 / 430049	964372 / 964364 / 964366	240050 / 240051
Filtration	N/A	40 μ ($\beta_3 \geq 200$)	3 μ absolute ($\beta_3 \geq 200$)	totally enclosed
Operating Temp. Range (°F)	N/A	N/A	neg. 20 to 200	N/A
Operating Temp. Range (°C)	N/A	N/A	neg. 29 to 93	N/A
Thread Connection Size (NPT)	3/8"	3/8"	1"	1"
Recommended for Dodge Reducer Sizes:	TA0-TA3: MTA2&3/TA4-TA12 : MTA4-8 TXT1-TXT4/TXT5-TXT12	TA0-TA3: MTA2&3/TA4-TA12 : MTA4-8 TXT1-TXT4/TXT5-TXT12	TA0-TA3 : MTA2&3/TA4-TA9 : MTA4-8/TA10-TA12 TXT1-TXT4/TXT5-TXT9/ TXT10-TDT15	TA0-TA3: MTA2&3/TA4-TA12 : MTA4-8 TXT1-TXT9/TXT10-TDT15

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