

Nitro 900 Nitrogen Tire Inflator

2072



4037
(0-100 PSI)

4058
(-30-100 PSI)

4029
(0-160 PSI)

4029
(0-160 PSI)

4058
(-30-100 PSI)

4037
(0-100 PSI)

4093



4059



4093

4062

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4062

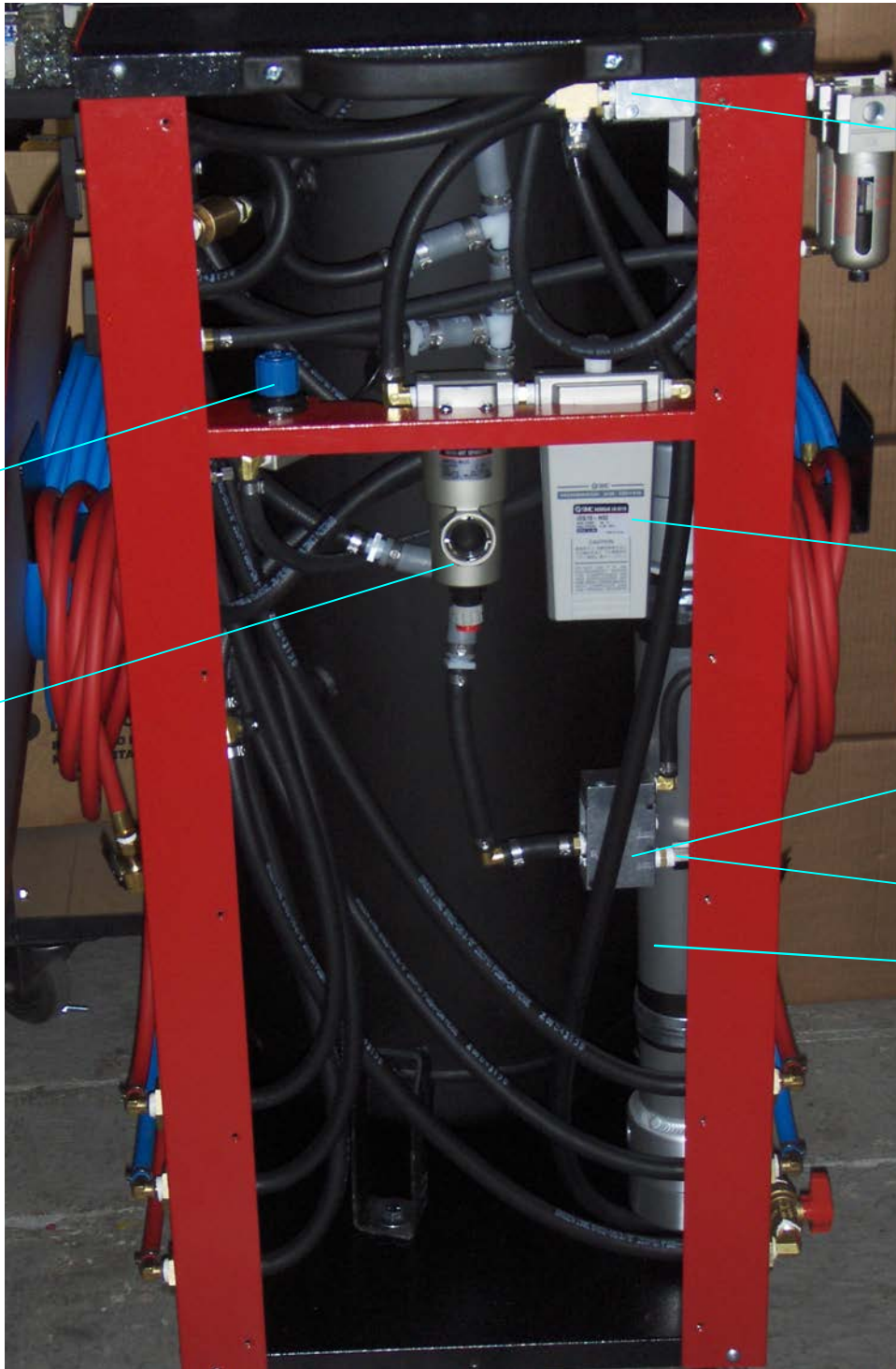
2003



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4019

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4019

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1) Hook up shop air (the machine should be hooked up to shop air at ALL times).
2) Attach hoses to all four tire valves and open valves rear, front & spare if used on side of machine.
3) Turn valve #1 to deflate tires. When deflated turn valve #1 to OFF position & #2 to VACUUM position for approximately 1 minute.
4) Set tire pressure regulator to desired pressure by turning valve #1 to CHECK TIRE PRESSURE and valve #2 to N2 INFLATE position.
5) Inflation the tires with N2 by turning valves #1 and #2 to N2 INFLATE position.
6) To check tire pressure turn valve #1 momentarily to CHECK TIRE position.
7) Disconnect hose from tires and check tire pressure with tire gauge.
N2 TEST PORT ANALYZER OPTIONAL, ALWAYS KEEP THIS PORT CLOSED.

OPERATION INSTRUCTIONS	
STEP	VALVE #1
1.	DEFLATE TIRES
2.	TO CHECK TIRE PRESSURE TURN VALVE #1 MOMENTARILY TO CHECK TIRE PRESSURE POSITION
3.	VACUUM TIRES WHEN TIRE PRESSURE IS AT 0 PSI PER TIRE
4.	SET N2 TIRE PRESSURE WITH REGULATOR
5.	INFLATE TIRES WITH N2
6.	TO CHECK TIRE PRESSURE TURN VALVE #1 MOMENTARILY TO CHECK TIRE PRESSURE POSITION

REAR TIRE OFF ON

FRONT TIRE OFF ON

SPARE TIRE OFF ON

4068

4042

4072
1/4" Blue Hose

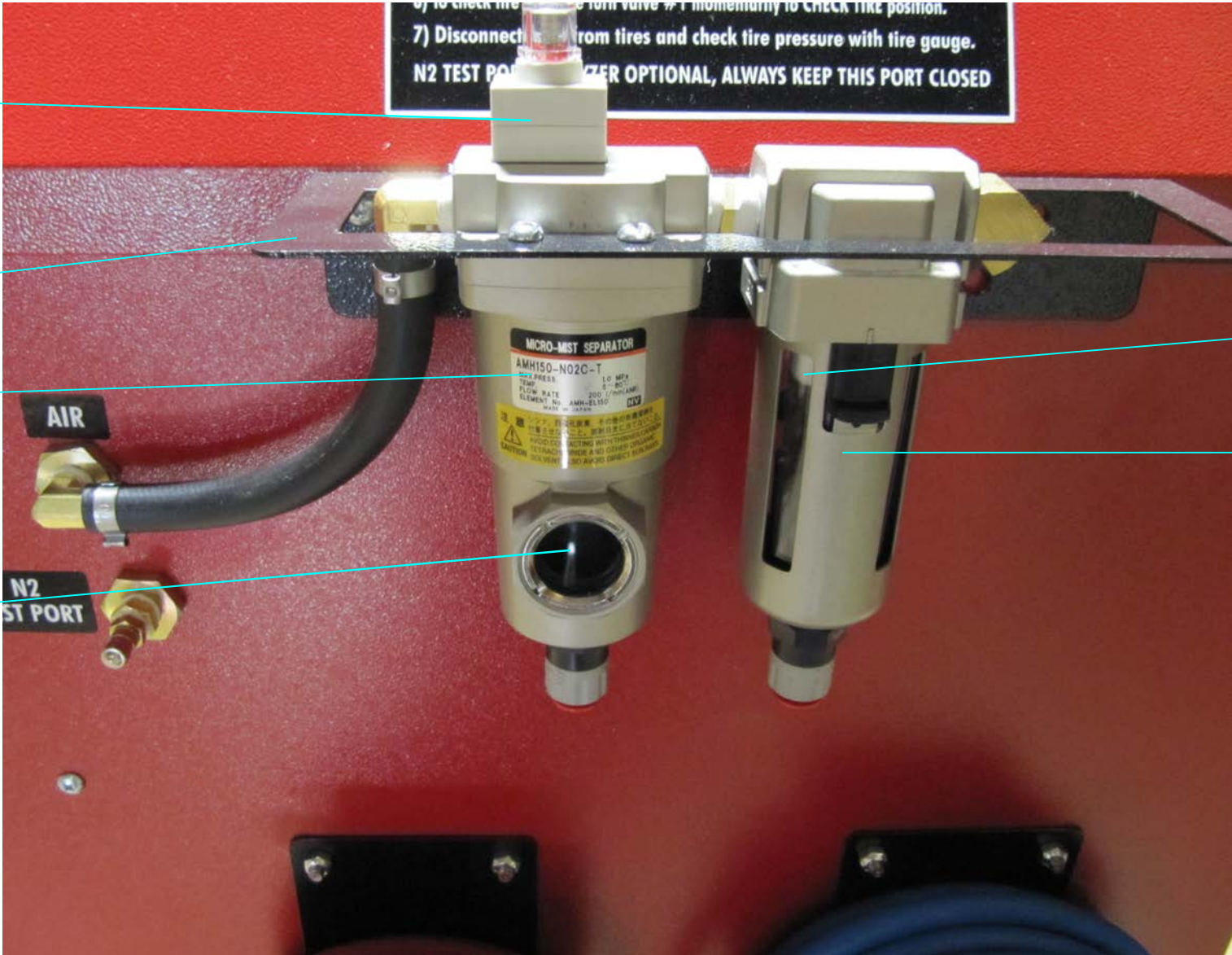




4071
1/4" Red Hose

2013

2012



4049

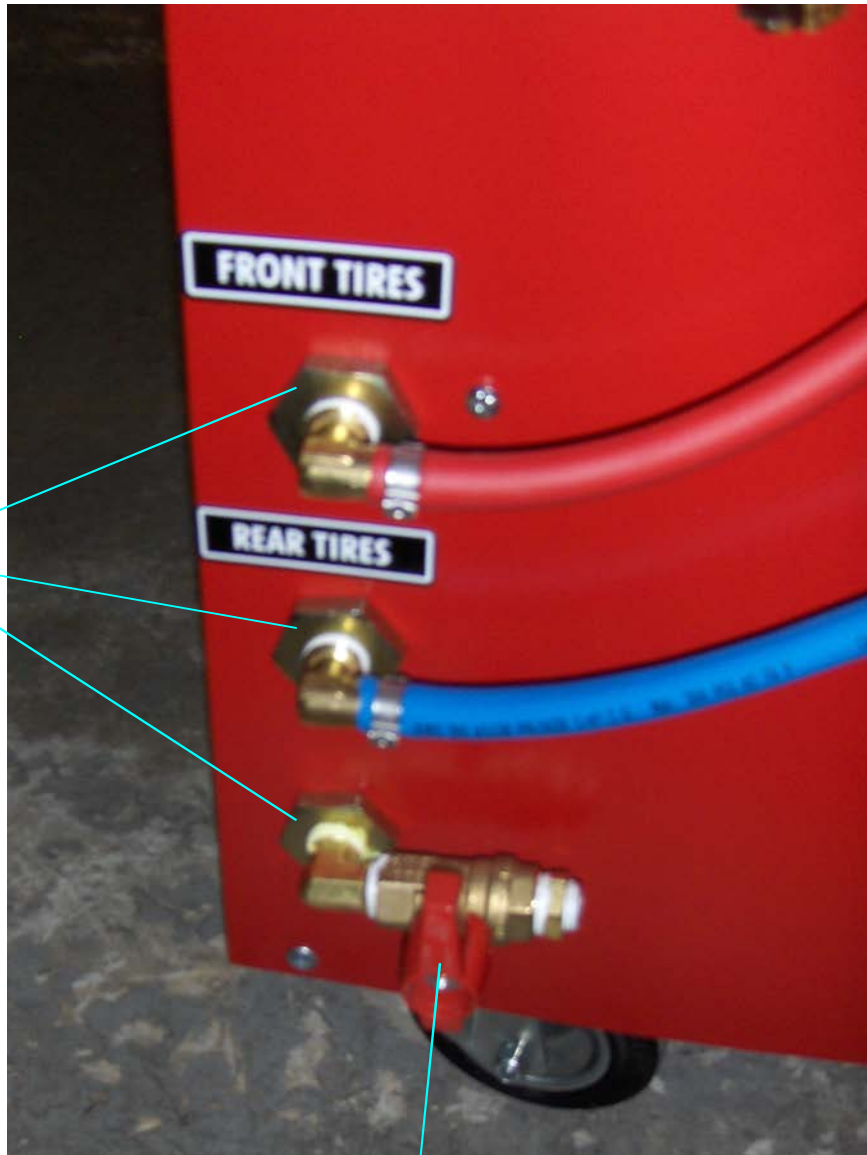
4054
Assembled

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6036

6028

Calibration

On initial start up with a new sensor, allow the unit to stabilize for about 10 minutes before proceeding to the next step.

With the chuck exposed to air press and hold O key down until the LCD shows “CAL” and starts to count down from 3 to 0. Release the O key and wait for the LCD to read 79.1 (calibration point) plus or minus 0.1. Excluding factors such as temperature, humidity and traces of other gases, the air we breathe contains 78.084% Nitrogen, 20.946% Oxygen, 0.934% Argon and 0.033% Carbon Dioxide.

Excess Nitrogen in the sensing head during calibration will lead to low readings during sampling. For best results, calibrate the instrument each day before sampling begins. This will ensure the sensing head is exposed to air for accurate calibration. If calibration is needed during normal use, leave the sensing head exposed to air for about 10 minutes or until the readings stabilize before commencing with the calibration.

Gas Sampling

Press and hold chuck onto the valve stem and allow the gas to flow until a stable reading is achieved. Depending on the tire pressure, sample time is about 10 seconds. Repeat the sampling process as needed

Turning the unit OFF

To switch off immediately, press and release the O key. To extend battery life, the unit has an auto-off function after 5 minutes.



N2 900 Nitrogen Tire Inflator

Hardware

CO5A	Nitrogen Tank
2012	Rigid Casters 5"
2013	Swivel Casters 5"
2028	Handle on Front of Door
2072	N2 900 Decal Kit

Fittings

6028	Ball Valve / Rub Gas 3/8" Wedge
6036	Steel Bulk Head Coupling

Plumbing

4019	Pneumatic Valve
4020	Vacuum Pump
4025	Speed Control Regulator
4029	Gauge (0-160) PSI
4037	Gauge (0-100) PSI
4049	Pressure indicator
4052	Filter Housing for N2 Machine
4053	Filter Housing for N2 Machine P-AF30-N02C-Z & P-AMH150-
4054	N02C-T with bracket
4055	Replacement Element Mist Separator
4056	Filter Element (AF/AW30)
4058	Gauge (-30-100)PSI
4059	Precision Regulator
4062	3 Way Ball Valve 3/8
4063	Regulator
4064	Mist Separator
4065	Dryer 200L
4067	Nitrogen Module
4068	90 Degree 3 Way W/1/4FPT
4093	Dual Control Valve 180deg 5 Port

Assembled

Parts

4071	¼" Red Poly-Air Hose 11 ft
4072	¼" Blue Poly-Air Hose 23 ft
4073	¼" Red Poly-Air Hose 11 ft Assembled
4074	¼" Blue Poly-Air Hose 23 ft Assembled
4074-1	¼": Red Poly-Air Hose 26 ft Assembled