

STAY CSA COMPLIANT

A GUIDE FOR OPERATING TIPS, TROUBLESHOOTING, INSTALLATION & TRAMEC SLOAN PART NUMBERS

WHY IS A CAT'S EYE TIRE PRESSURE SYSTEM NEEDED?

- 5 psi** - Difference between dual tire pressure = major scuffing & scraping of both tires
- 13 ft.** - Distance per mile the tire is dragged (with 5 psi difference between duals)

WHAT'S THE VALUE OF LINK CAT'S EYE?

20% More tire life, longer tread wear, less cost

- Installs in minutes
- Single check and air-up point
- Fills and equalizes both tires
- Attaches to dual's hub or lug bolt
- 6 month payback
- Internal check valve prevents both tires from deflating during "blow out" or cut hose

SAVE TIME

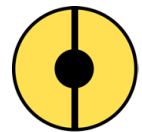
- Check pressure in a "glance"
- Inflate duals at a single point
- Only 44% of all tires are within 5 PSI of their target pressure

SAVE MONEY

- 25% of all dual wheel assemblies have tires that differ in pressure by more than 5 PSI - dragging the smaller tire 13 ft. per mile, on 35,000 miles a year the smaller tire would be dragged 86 miles!
- Proper tire inflation reduces tire cost 10 - 13%
- Save 2- 4% in fuel with proper inflation

SAFETY

- Under inflation causes tire failure



Normal Pressure



Slow Leak



Severe Air Loss



By using the Link® Cat's Eye® you can reduce the amount of CSA violation points you receive from under inflated tires by catching low pressure problems *before* they become an issue.

OPERATING TIPS



- The torque limit on the Cat's Eye mounting bolt is 15 FT-LBS. Damage or leaks can occur if mounting bolt is over tightened.
- Bubble test to insure correct installation.
- Valve stems must be in good condition to operate the Cat's Eye.
- Always insure that hoses are installed with minimal bending or "kinking".
- Do not use acid wheel wash. This will void the Cat's Eye warranty.
- When installing new or used tires, the inside of the tire must be clean and free of all materials, including wheel balancing compounds.
- The Cat's Eye is not recommended for steer axles.

TROUBLESHOOTING GUIDE

PROBLEM	INSPECT	CORRECTIVE ACTION
Air Leaks	Bubble Test	<ol style="list-style-type: none"> 1) Bubble test to locate the leak. 2) If the leak is located at one of the hose end fittings: <ol style="list-style-type: none"> a) First remove the fitting and inspect the tire stem for damage or debris. Repair or replace as necessary. b) Inspect the seal material (inside the fitting) for damage. Replace seal or hose if necessary. 3) If the leak is located at the base of the gauge remove the hose or air inlet valve and apply thread sealant liberally to the threads and replace. 4) If the leak is located at one of the hose crimps return the hose to Link for repair or replacement. 5) If the leak is located at the Cat's Eye central airing point, replace the valve core or order a replacement air inlet valve.
"Eye" Does Not Close When Tires Are at Correct Pressure	Check Pressure with Gauge	<ol style="list-style-type: none"> 1) Check to see that the Cat's Eye gauge is the correct pressure rating for your application. 2) Remove the fitting from the tire stems and check the air pressure in each tire. 3) Inspect both tire stems by depressing the valve core to ensure that there is no air blockage. 4) Inspect tire stem threads for imperfections. Repair the threads with thread repair tool.
"Eye" Does Not Open When Tires Have Lost Pressure	Depress the Valve Core at the Central Airing Point and Check for "Eye" Movement or Remove the Hose End Fitting from the Outside Tire	<ol style="list-style-type: none"> 1) Check to see that the Cat's Eye gauge is the correct pressure rating for your application.

INSTALLATION INSTRUCTIONS

STEP 1

Fill out and return the warranty card included with your Cat's Eye® system.

Confirm that the pressure rating of the Cat's Eye is correct for your application.

STEP 2

Check the valve stems to insure that:

- They are located 180° apart.
- Threads are clean and in good condition.
- Valve core is working properly and free of debris.
- No extenders are being used.

If there is any damage to the valve stems or valve cores, repair or replace as necessary.

STEP 3

Inflate both tires before installing the Cat's Eye.

STEP 4

Select the correct bracket for your wheel or hub installation.

STEP 5

Select an appropriate mounting point, either lug or hub bolt.

Position the straight hose end to the inside tire and the bent hose end to the outside tire stem.

- For wheel mounting, attach the bracket to the selected lug bolt, and then attach the Cat's Eye gauge to the bracket.
- For hub mounting, attach the Cat's Eye gauge to the bracket, and then attach the bracket to the selected hub bolt.

STEP 6

Attach the straight hose end to the inside tire by threading the hose fitting on the tire

stem. Failure to connect the inside tire first will cause air to release from both tires.

Finger tighten the fittings until snug. Leaking sound should stop noticeably before a wrench is necessary.

STEP 7

Attach the bent hose end to the outside tire in the same manner. Give each fitting a half turn with a 1/2" wrench.

Do not over tighten! Over tightening can cause permanent seal damage.

STEP 8

Inflate tires through the Cat's Eye valve stem until yellow "eye" closes. Confirm the pressure with an accurate tire pressure gauge.

STEP 9

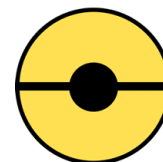
Check for leaks in the system by bubble testing.

STEP 10

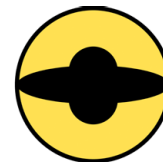
Install the included Cat's Eye frame decal on the vehicle to assist operators in understanding gauge indications.

HOW TO READ THE GAUGE

When the "eye" is completely closed, the tires are within the recommended pressure range and are equalized. As pressure begins to drop the "eye" opens, indicating a slow leak or severe under inflation.



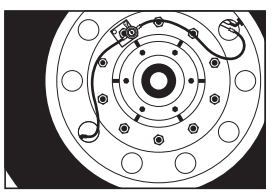
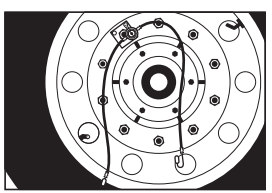
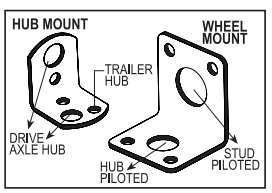
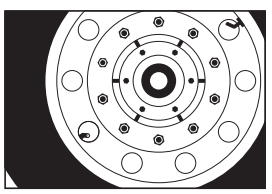
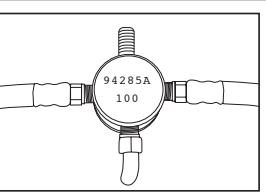
**Normal
Pressure**



**Slow
Leak**



**Severe
Air Loss**



STAY CSA COMPLIANT

TRAMEC SLOAN PART NUMBERS

P/N	DESCRIPTION
3910	2 Pack Cat's Eye Rubber Hose 95PSI
3911	2 Pack Cat's Eye Rubber Hose 100PSI
3912	2 Pack Cat's Eye Rubber Hose 110PSI
3913	2 Pack Cat's Eye Steel Braided Hose 95PSI
3914	2 Pack Cat's Eye Steel Braided Hose 100PSI
3915	2 Pack Cat's Eye Steel Braided Hose 110PSI
3916	4 Pack Cat's Eye Rubber Hose 95PSI
3917	4 Pack Cat's Eye Rubber Hose 100PSI
3918	4 Pack Cat's Eye Rubber Hose 105PSI
3919	4 Pack Cat's Eye Rubber Hose 110PSI
3920	4 Pack Cat's Eye Steel Braided Hose 95PSI
3921	4 Pack Cat's Eye Steel Braided Hose 100PSI
3922	4 Pack Cat's Eye Steel Braided Hose 105PSI
3923	4 Pack Cat's Eye Steel Braided Hose 110PSI
3934	Steel Hose Straight
3935	Steel Hose 180
3936	Rubber Hose Straight
3937	Rubber Hose 180
3938	Replacement Seals 24 CT.
3940	Point of Purchase Display



P/N 3940



P/N 3917