The Gyro-X: a free sample

A taste of the Gyro-X printables: precession explained, the start-up card and the sources compared.

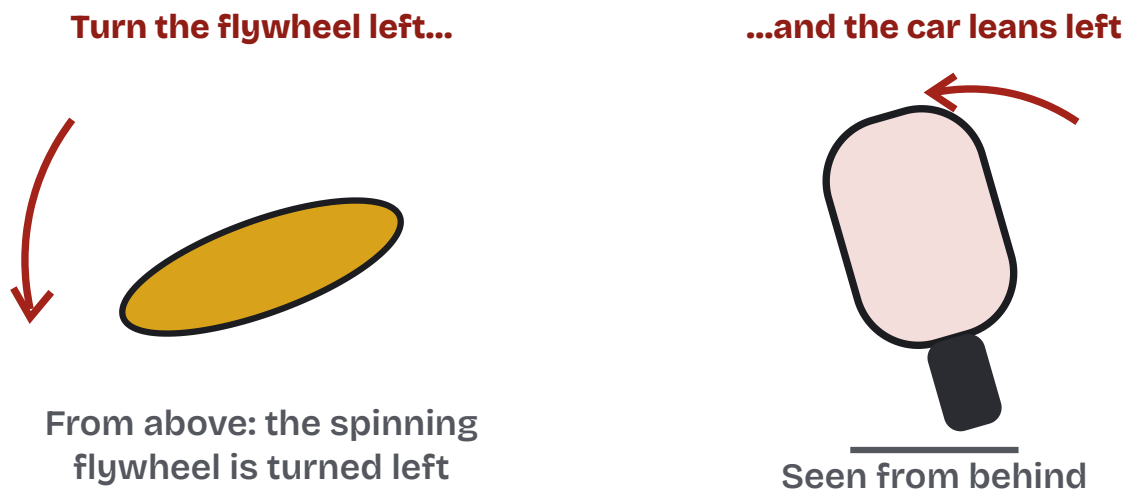


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SAMPLE DRAWING

Precession: turn it one way, lean the other

Excerpt from How the Gyro-X Balances



Simplified teaching drawing, not to scale. Our own work, labelled only with sourced facts.

Turning a spinning flywheel produces a push at right angles to the turn, called gyroscopic precession. So turning the Gyro-X's flywheel to the left made the car lean to the left, and turning it right made it lean right. OCTANE, 2026

A tilt sensor and control system kept adjusting the flywheel, like a tightrope walker with a pole, to hold the car upright. Fed with speed and steering, it could also lean the car into corners like a motorcyclist. OCTANE, 2026

Not a Ford. Alex Tremulis worked on the Ford Gyron concept of 1961 while at Ford, but the Gyro-X of 1967 was built by Gyro Transport Systems of Ridgecrest, California, from his and Thomas Summers's ideas. OCTANE, 2026 LANE MUSEUM

SAMPLE CARD

Starting the Gyro-X

Excerpt from How the Gyro-X Balances

1. **Choke and key** then a steady 2,000 rpm idle. OCTANE, 2026
2. **Control system on, then gyro on** OCTANE, 2026
3. **Wait about five minutes** for 3,000 rpm, about 400 psi and oil at 50 °C. OCTANE, 2026
4. **Park mode, raise the parking wheels** until the dash light turns green. OCTANE, 2026
5. **First gear, drive mode, pull away** OCTANE, 2026

Octane found that when everything goes smoothly it tracks straight, stays bolt upright and leans smoothly into corners, but gusts, bumps and sudden inputs bring twitches, lurches and wobbles. OCTANE, 2026

YOUR NOTES

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SAMPLE TABLE

Where the sources disagree

Excerpt from The Gyro-X Reference Guide

TOPIC	ONE SOURCE SAYS	ANOTHER SAYS
Engine power	80 hp LANE MUSEUM	76 bhp OCTANE, 2026
Original gyro size	22 in LANE MUSEUM	508 mm (about 20 in) OCTANE, 2026
Seats	side by side OCTANE, 2026	one behind the other WIRED, 2017
First on YouTube	2004 OCTANE, 2026	2009 LANE MUSEUM

THE FULL GYRO-X PRINTABLES

- **The Gyro-X Reference Guide** ($5.99): The people, the promises, the reality and the revival, with a who's who, glossary and source disagreements.
- **How the Gyro-X Balances** ($4.99): Own diagrams of the gyro, precession and control loop, a start-up card, energy maths and a plain-English patent guide.
- **Gyrocars Compared** ($4.99): The gyro family, claimed vs reported speeds, source vs source, the 1967 vs 2017 build sheet and the chain of owners.
- **The Gyro-X Files** ($4.49): Document cards, an annotated timeline 1909–2026, the restoration log and open questions.
- **Gyro-X Display Posters** ($3.99): Eight frame-ready posters with photos, own drawings and sourced facts.
- **Gyro-X Visit Notes & Self-Test** ($3.99): Notes for a Lane Motor Museum visit, a spotter's checklist, myths vs facts and a 30-question test.
- **The Complete Gyro-X Printables Bundle** ($12.99): all six packs plus a bundle guide.

Find them on the shop page at gyro-x.motoring.im.

Credits, licence & sources

The small print, kept short

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PHOTOS

FILE	AUTHOR	LICENCE	SOURCE PAGE
1967 Gyro-X Lane Motor Museum.jpg	TaurusEmerald	CC BY-SA 4.0	commons.wikimedia.org/wiki/File:1967_Gyro-X_Lane_Motor_Museum.jpg

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OUR DRAWINGS

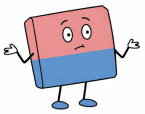
All drawings, charts, cards and layouts are REALLYBYTE's own work. Technical drawings are simplified teaching drawings, not to scale and not copied from any maker's drawing, unless a page says it is drawn to published dimensions. Calculations marked OUR MATHS are ours, worked from the sourced figures shown.

WHERE THE FACTS COME FROM (CHECKED 9 NOVEMBER 2026)

Every fact in this pack was written in our own words and checked against the source pages below on 9 November 2026; the small red labels in the text show which source each fact comes from. Where good sources disagree, we show each one rather than picking a winner. Things that can change, such as where a vehicle is displayed or museum opening details, are given with that date: check before you travel.

Octane, 2026 · Octane magazine: Gyro-X, Octane drives the two-wheeled vision ahead of its time (March 2026): www.octane-magazine.com/articles/gyro-x-octane-drives-the-two-wheeled-vision-ahead-of-its-time/
Lane Museum · Lane Motor Museum: Gyro-X, 1967: www.lanemotormuseum.org/collection/cars/item/gyro-x-1967/
WIRED, 2017 · WIRED: How this man brought the 1967 Gyro-X back to life (2017): www.wired.com/story/gyro-x-lane-motor-museum/

Not affiliated with or endorsed by the Lane Motor Museum, Agency Impianti, Ford Motor Company, Octane, WIRED, Hagerty or any photographer or publisher named here. The Gyro-X was built by Gyro Transport Systems of Ridgecrest, California, not by Ford; Ford's own gyro concept was the 1961 Gyron. Names are used only to identify the vehicles, people and organisations discussed.



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Free articles, myths vs facts and every source: gyro-x.motoring.im