



LOCAL MOTORS™

DESIGN

MAKE

SHOWCASE

DISCOVER

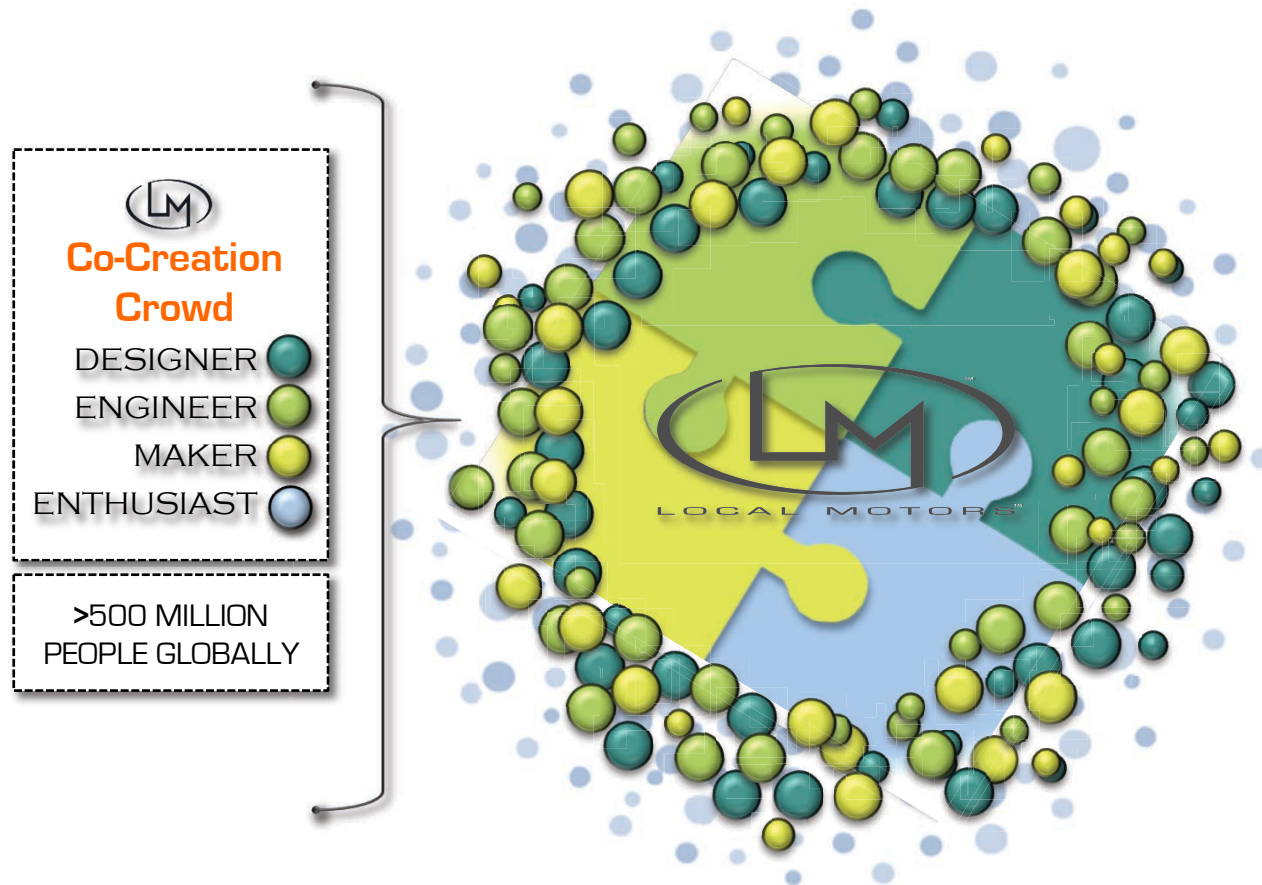
...THE VEHICLES AND ACCESSORIES THAT MOVE YOU

 @localmotors

 Local Motors

The Local Motors “Crowd”

Craftsmen gather online at LocalMotors.com, the world’s only vehicle co-creation platform and marketplace.



There are 45 million individual designers, engineers and makers globally.
There are 10x that number of vehicle enthusiasts.



"Local Motors is a portal to the future of American manufacturing." **WIRED**





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Local Motors Empowers Individuals to Create Vehicles of the Future

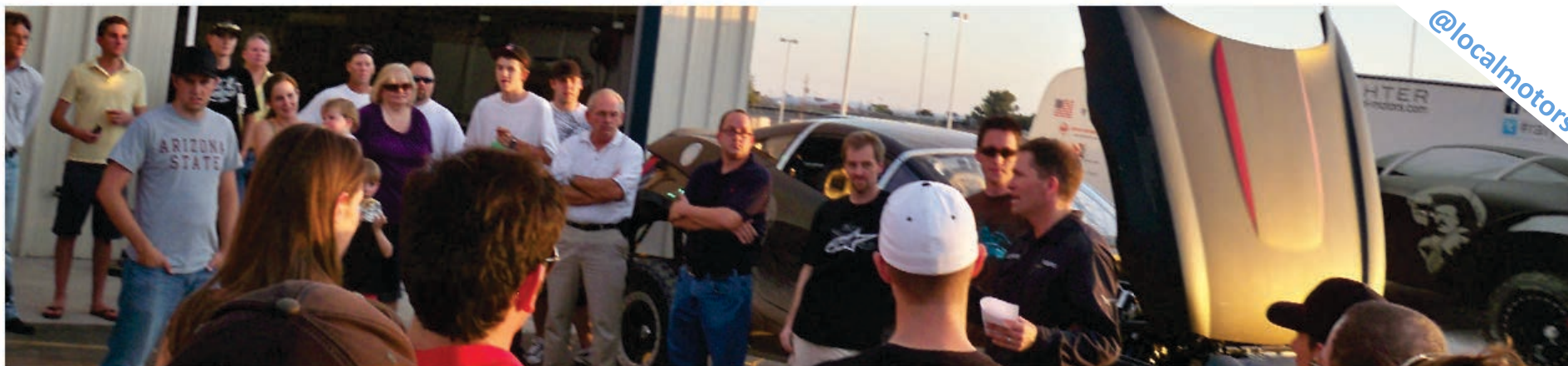
5x's Faster

100x's less capital



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CREATE IT

Portfolio & Profile: See and be seen; create a personal LM profile including your portfolio of car designs. It's fun and it's free.

Checkup: Vote, comment and collaborate on "Checkup" designs to help improve the new concepts. The highest rated checkups could be built. This section is for designers, engineers and enthusiasts.

Creative Commons License: Collaborate with confidence - all designs are protected with a Creative Commons license to promote collaboration while protecting original ownership.

Competitions: Whether designing a hunting truck for Texas, a desert racer for the American Southwest, or an electric commuter for Boston, the competitions will challenge you to create a car concept for a specific group of people. The community votes to choose the winner.

DEVELOP IT

Design Process: Design Concepts with the most votes move into the "Design Process" section where the designer gets to work directly with the Local Motors team. This is where we assess feasibility in an open pre-development process.

Development Process: The design has been chosen, then proven as feasible in Design Process. What's next? We design and engineer a new vehicle with a unique chassis and body, and we do it together in an open process. 80% of LM vehicles are composed of off-the-shelf parts from top manufacturers. The community gets to be a part of the team, helping to choose everything from powertrain to tail lights.

Component Competitions: Aspects of each vehicle are custom-designed through competitions. You have the opportunity to design and choose parts that will either become part of production vehicle design or accessory parts available to owners. The community votes to choose, and the winner will see their creation come to life.

BUILD IT

Build It: Now it gets real. When you buy a Local Motors car you get to build it. The Build Experience is one of the joys of building, and no matter your skill level you can participate. On the last day you leave with your new car.

The Rally Fighter is the first product offering from Local Motors. It is built in the Phoenix, Arizona MicroFactory with customer participation.

The Microfactory is a Service Station. Other Service Stations exist through Local Motors Partnered Mechanics. Local Motors vehicles are built using off-the-shelf parts from top companies, simplifying repair and replacements.

MOD IT

Mod It: No two Rally Fighters will look the same. You will have all the resources you need to mod it, track it and personalize your ride.

Custom Car Skin: Prior to your build you get to choose your car "Skin". Help design your own, host a competition challenging the community of designers to design a skin for you, or you can choose from the LM library. The "Skin" is vinyl, it is easier to replace and more sustainable.

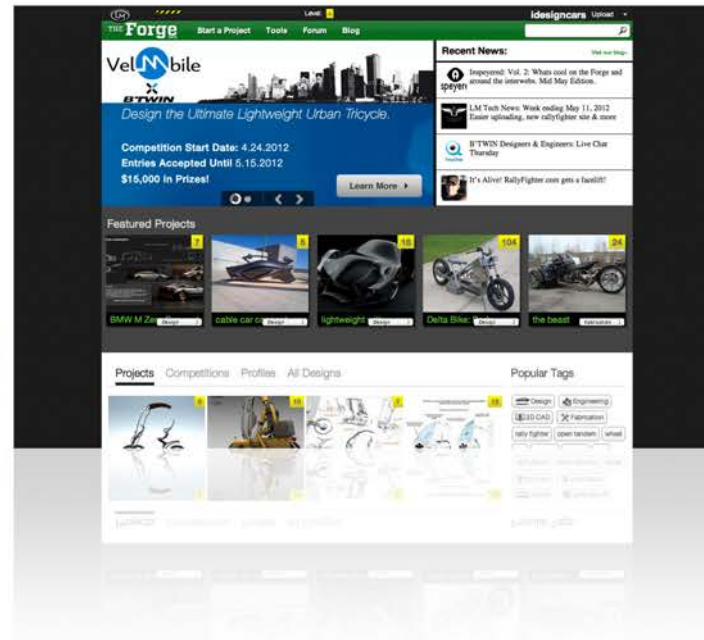
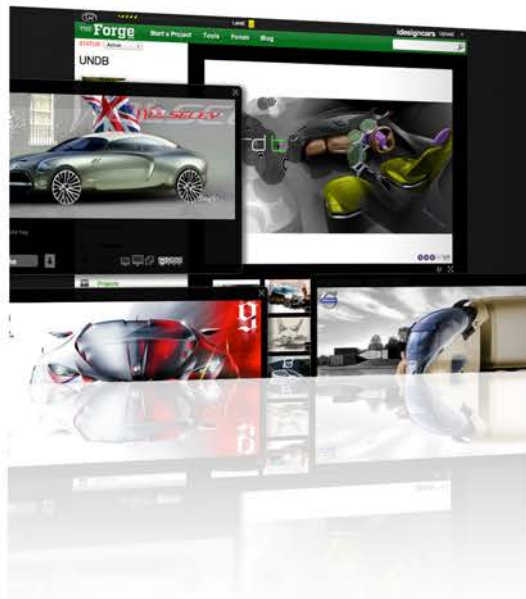
Aftermarket Support: Local Motors will host a virtual marketplace to connect with accessory designers & manufacturers. We will work with aftermarket suppliers to offer our owners the best options.

Open Source: Unlimited Possibilities. All of the Rally Fighter is available for download at www.localmotors.com. If you can't find the lightbulb, steering wheel or...



THE Forge

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What is The Forge? The world's first open-source community of car designers and fabricators. [Sign Up Now!](#)

[Login](#) [Register](#)

THE **Forge**
beta

[Start a Project](#)

[Tools](#)

[Forum](#)

[Blog](#)



Solid Edge

Design1

3D CAD to Create Anything!
Only \$19.95/month



Download Your Free Trial Today



www.local-motors.com/Design1

How it works

- Download for online and offline use.
- Own all files created.
- CAD when you need it - cancel anytime.

Features

- Professional grade for businesses and individuals.
- Fully Synchronous parametric CAD.
- 2D & 3D formats + import from DXF, DWG, STA, IGES & more.

Tutorials

- Professional Tutorials.
- Community access to professionals.
- Solid Edge & Local Motors Support.

More CAD Options

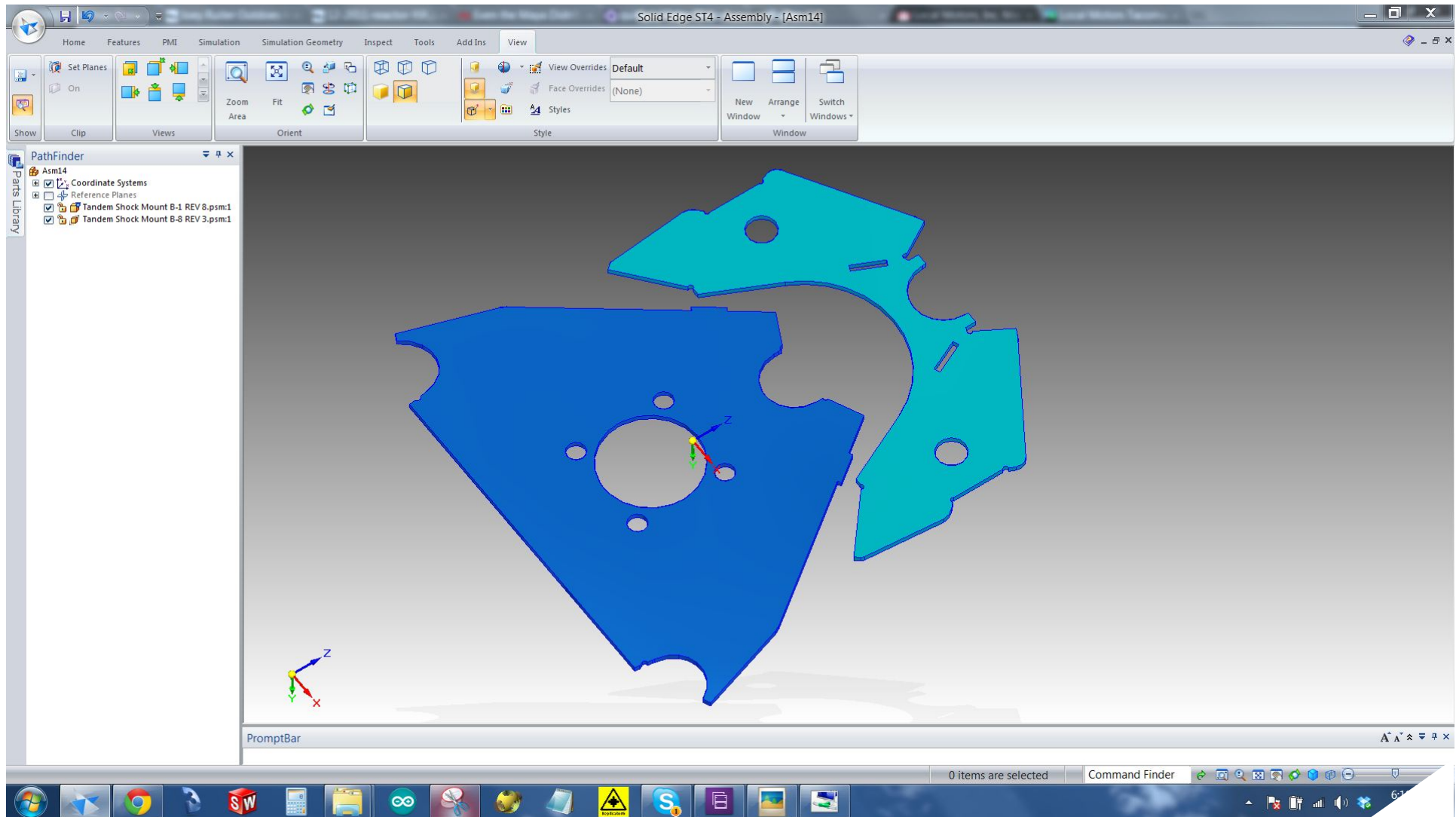
- Online CAD Viewer - Free.
- 30-day Free Trial
- Design & Drafting - \$99/mo.
- Foundation - \$179/mo.
- Classic - \$229/mo.
- Premium - \$299/mo.





Solid Edge Design1

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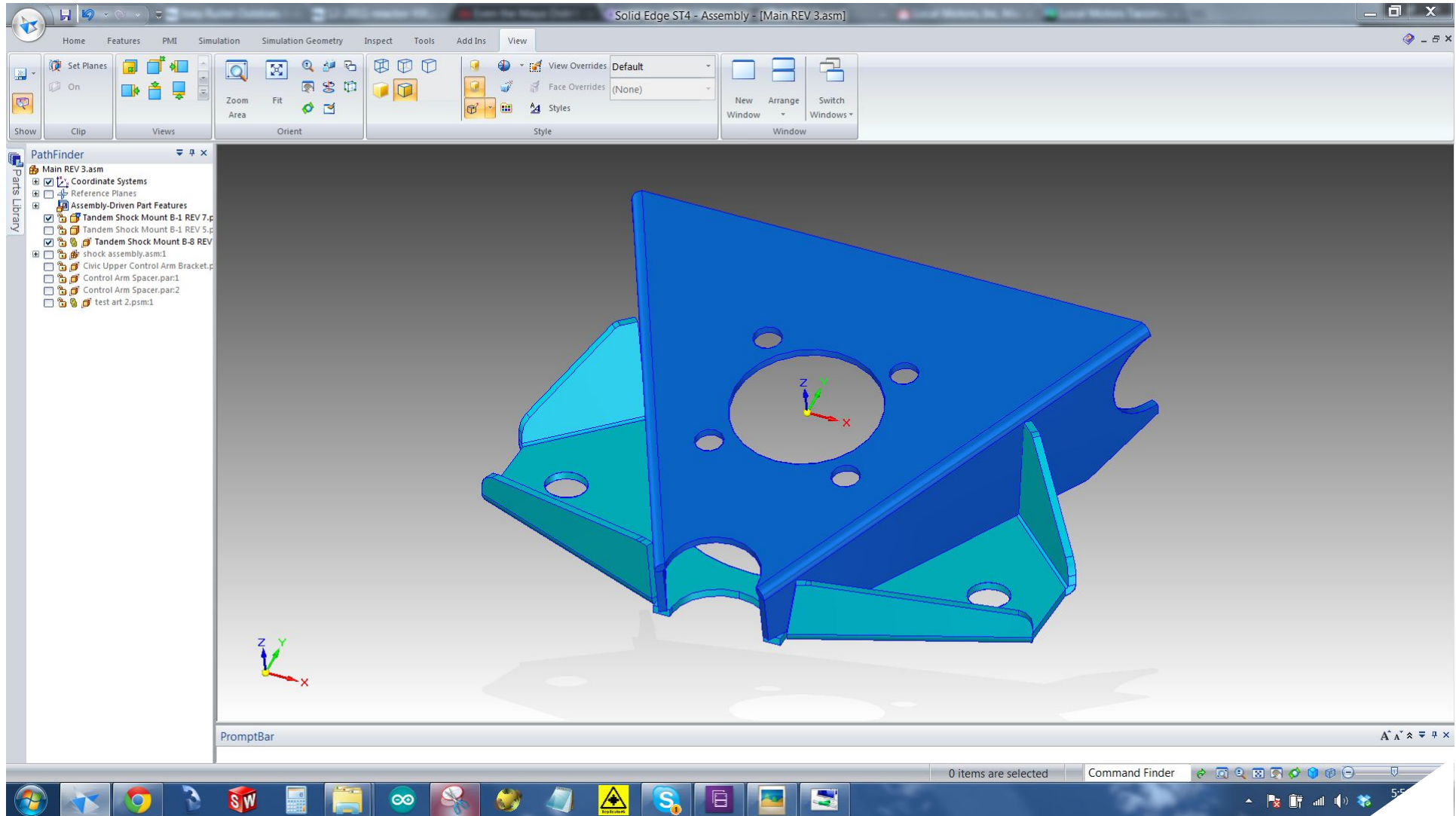




Solid Edge

Design1

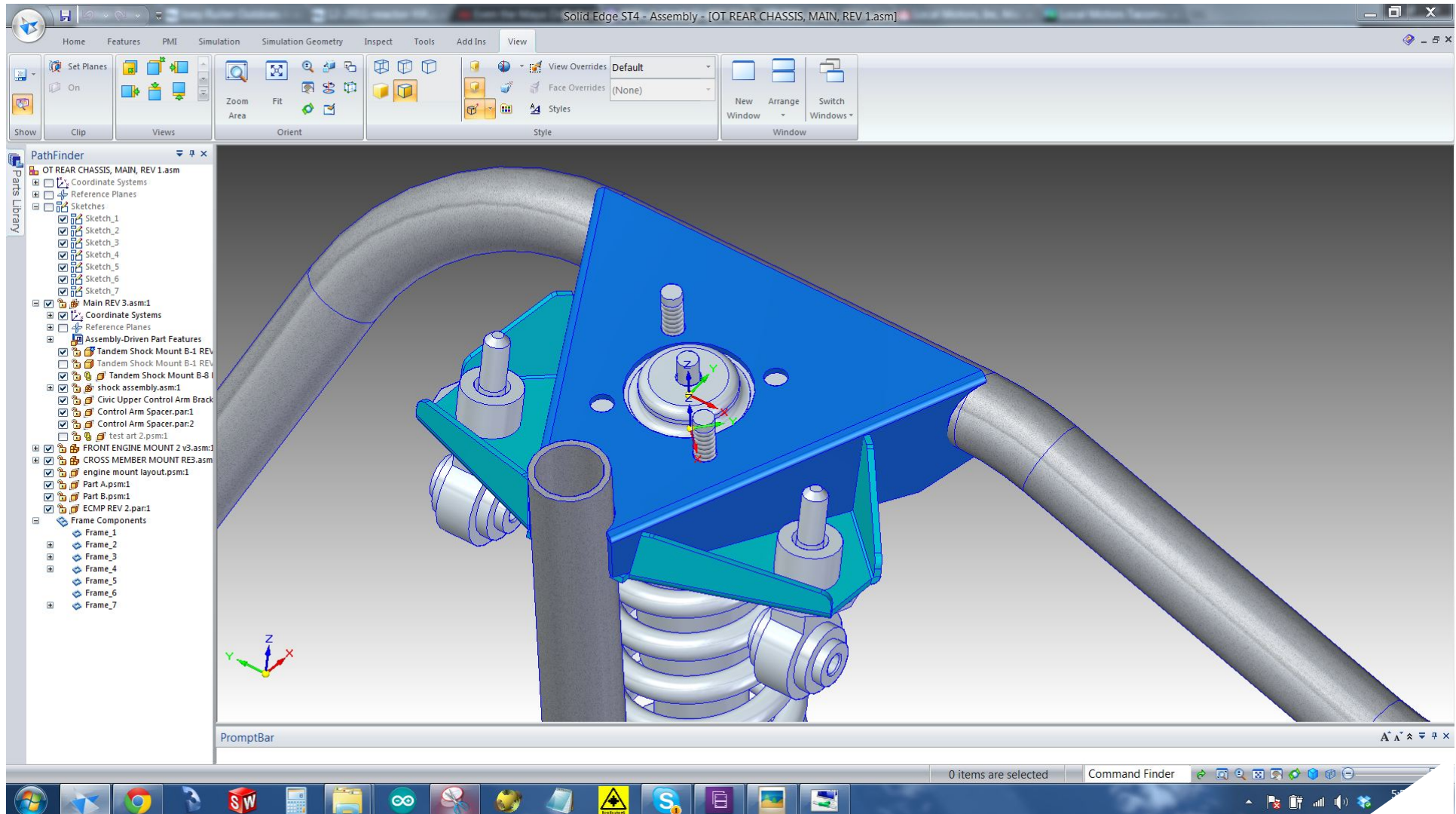
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Solid Edge Design1

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LM Fab Shop

forge.local-motors.com/pages/makelt.php#selectFiles

Level: ■ jprobst21 Upload

THE Forge [Start a Project](#) [Tools](#) [Forum](#) [Blog](#)

LM FAB SHOP

Step 1: Select Files
Step 2: Materials
Step 3: Address
Step 4: Purchase

Drop files here from your palette that you want fabricated

inches Select units of measurement for your design(s)

Designs ready to purchase (0)

☐ I have read the agreement and own the rights to these files

PROCEED TO STEP 2

Note: Only .dxf files are supported at this time. Files must be exported using blue lines only.

[t](#) [f](#) [g+](#)

Newsletter signup **SIGN UP**

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News
Team
Careers

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Contact us or Visit the Microfactory!
1-888-256-2028

LM

Design Engineering 3D CAD Fabrication Other

Upload To Your Palette

LM



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LM Fab Shop

forge.local-motors.com/pages/makelt.php#materials

Level: 1

jprobst21 Upload

LM FAB SHOP

Step 1: Select Files

Step 2: Materials


Step 3: Address

Step 4: Purchase

THE Forge

Start a Project Tools Forum Blog

Select Materials

Item	Material	Quantity	Cost
REMOVE		2' x 2' Aluminum 6061 0.375 1	\$102.20
shock & upper control arm mount, rev 4.dxf			

PROCEED TO STEP 3

Newsletter signup

SIGN UP

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1-888-256-2028

LM

Design Engineering 3D CAD Fabrication Other

Upload To Your Palette



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LM Fab Shop

forge.local-motors.com/pages/makelt.php#purchase

Level: jprobst21 Upload

THE Forge

Start a Project Tools Forum Blog


LM FAB SHOP

Step 1: Select Files
Step 2: Materials
Step 3: Address

Credit Card Info

Card Number:* 444444444444
Expiration Month:* March
Expiration Year:* 2015
Card Type:* Visa

Order Summary

File	Material	Qty	Unit Cost	Total Cost
shock & upper control arm mount, rev 4.dxf 	2' x 2' Aluminum 6061 0.375	1	\$102.20	\$102.20

Materials Total: \$102.20
UPS Ground: \$16.89
Taxes: \$10.78
Order Total: \$129.87
Est. Time To Ship: 5 days

Purchase Cancel

Design Engineering 3D CAD Fabrication Other

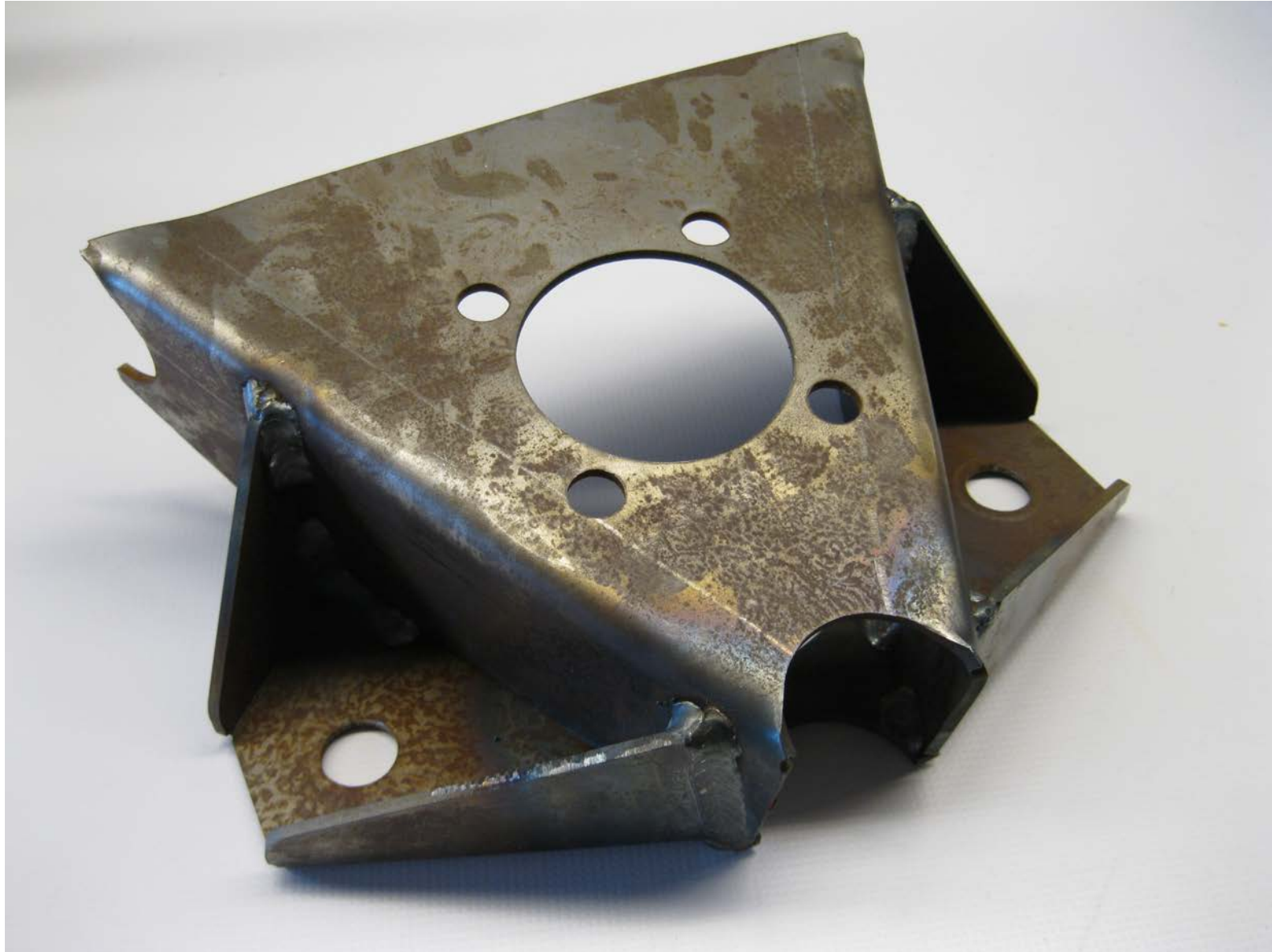
Upload To Your Palette

Feedback

LM



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RALLY FIGHTER

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RALLY FIGHTER

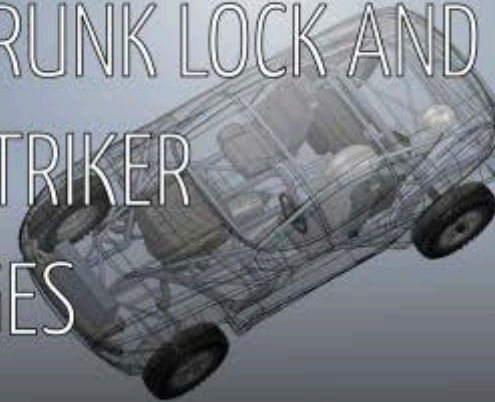
[HOME](#) [SPECS](#) [GALLERY](#) [BUY A RALLY FIGHTER](#) [EVENTS](#) [PRESS](#) [CONTACT](#) [NEWS](#) [GUMBALL 3000](#)

CAD DOCUMENTS

BODY
IGES



TRUNK LOCK AND
STRIKER
IGES



REAR UPPER
CONTROL ARM
SOLIDWORKS



REAR UPPER
CONTROL ARM
IGES





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navigation

- [Main Page](#)
- [Community portal](#)
- [Current events](#)
- [Recent changes](#)
- [Random page](#)
- [Help](#)

search

toolbox

- [What links here](#)
- [Related changes](#)
- [Special pages](#)
- [Printable version](#)
- [Permanent link](#)

[page](#) [discussion](#) [view source](#) [history](#)

LOCAL MOTORS RALLY FIGHTER BUILD WIKI

Welcome to Local Motors Manuals!

Local Motors is a new American car company that has set an exciting and sustainable course to design, manufacture, and sell cars. Local Motors has the world's largest community of car designers and engineers embracing open collaboration and developing innovative cars for under-served car-loving communities. Local Motors cars are built in regional Micro-Factories, which will be a groundbreaking fusion of advanced, small-volume manufacturing and amazing ownership experiences.

2011 Rally Fighter

- [Building the Rally Fighter: Rally Fighter Customer Build Manual](#)
- [Modding the Rally Fighter: RF Owner Submitted Modifications](#)
- [Rally Fighter Sub-Assembly: Rally Fighter Sub-Assembly Build Manual](#)

2012 Rally Fighter

- [Building the Rally Fighter: 2012 Rally Fighter Customer Build Manual](#)
- [Modding the Rally Fighter: 2012 RF Owner Submitted Modifications](#)
- [Rally Fighter Sub-Assembly: 2012 Rally Fighter](#)

Local Motors Links

- [Local Motors main site](#)
- [Forums](#)
- [Blog](#)

Wiki Development

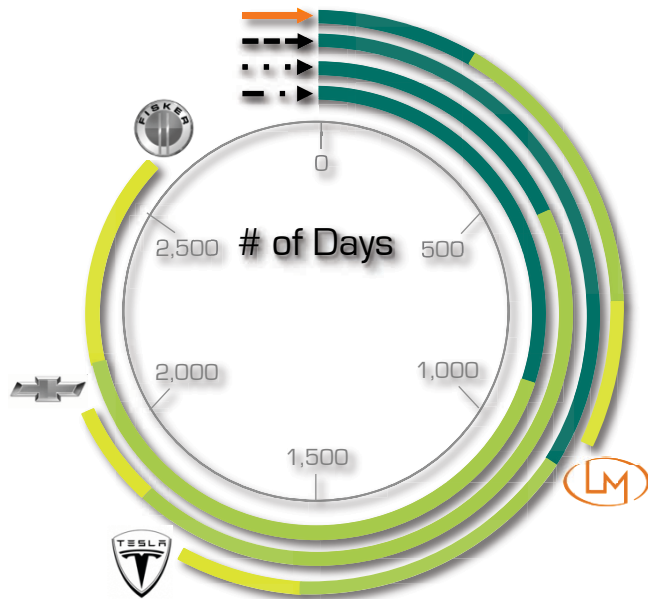
- [Wiki Log](#)
- [Category:Depreciated Pages](#)
- [Category:Templates](#)
- [New Page Formatting Templates](#)
- [Category:Works in Progress](#)
- [Rally Fighter build photo log](#)
- [RF-SA Photo Log](#)
- [List of Unloaded Files](#)

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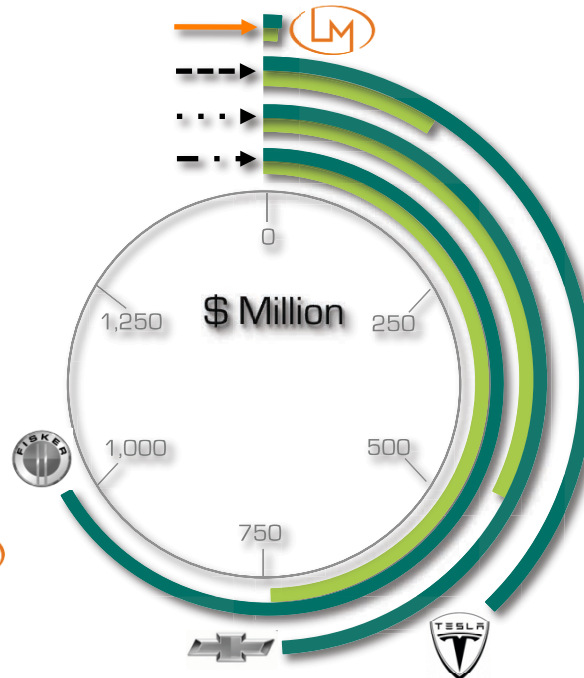


An Example of the Local Motors Edge: We innovate...

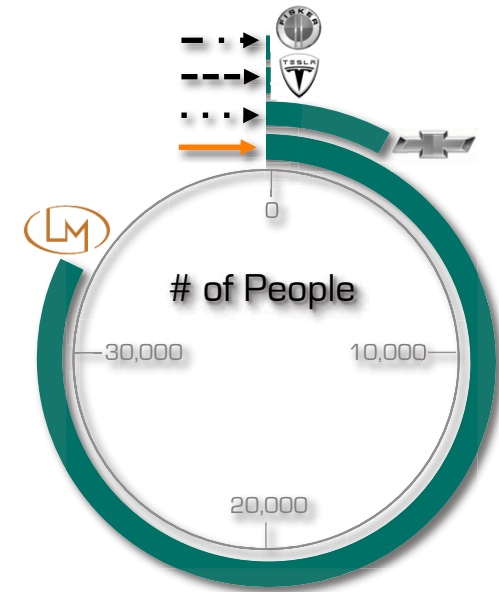
...FASTER...



...AT LESS COST...



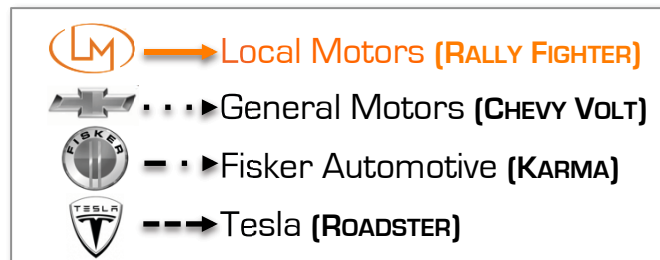
...WITH MORE BRAINPOWER.



█ Announcement to Model Unveiling
█ Model Unveiling to 1st Customer Delivery
█ 1st to 25th Customer Delivery

█ Cost of Vehicle Development
█ Capital Raised Prior to Delivery of 1st Vehicle

█ Size of Development Team



WORLD'S FIRST OPEN-SOURCE PRODUCTION VEHICLE...



RALLY FIGHTER





THE ULTIMATE DELIVERY VEHICLE PROJECT



A Domino's  project in partnership with Local Motors

Russell Weiner

[illegible]

WORLD'S FIRST CO-CREATED OEM VEHICLE...



"Extraordinarily well managed program with an enjoyable group to work with that make Local Motors a creative and responsive partner. I have not seen this level of service from a partner for the past 10 years and I have worked with a lot of them."

James A. Gossard

Director, Product & Marketing Strategy - Peterbilt



WORLD'S FIRST CO-CREATED LOCAL ENERGY SOLUTIONS...



“Through this [Local Motors] contest, we can plant the seed for innovative ways to address the unique mobility and energy resource challenges each of these locations face. We also want to encourage creative thinking among engineers who could potentially come to work at Shell some day.”

Russ Conser
Manager, Shell Gamechange



WORLD'S FIRST CO-CREATED ELECTRIC BICYCLE...



“We agree with the community on the members of the podium and we will surely use certain elements of these projects to influence the evolution of the Velocity project.”

Sylvain Venant
Innovation Manager, B'TWIN



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Regina Dugan - Director, DARPA (Former)



LM Reebok

Michael Schaefferr
Global Creative Director, Reebok



A FEW OF THE 100,000+ PROJECTS THE LOCAL MOTORS CROWD IS WORKING ON RIGHT NOW...

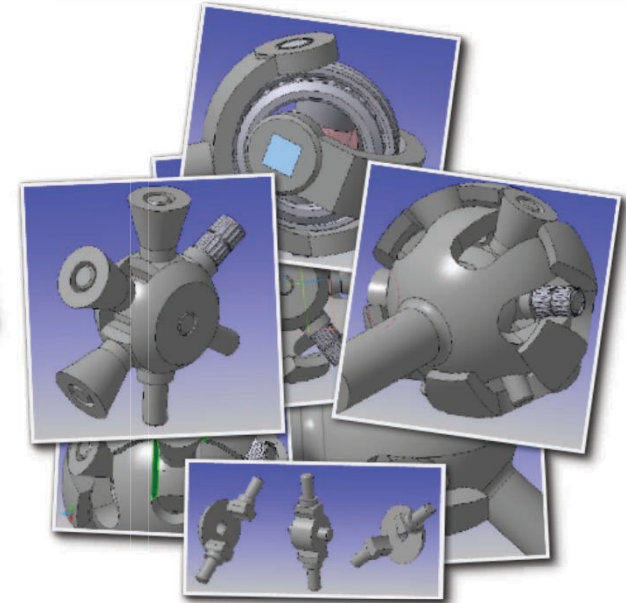
MULTI-UNI-CYCLE (M.U.C.)
BY @CHAVITO (SPAIN)



GSR
BY @APOLLINAR (MEXICO)



CV JOINT
BY @EVOX_86 (RUSSIA)



CATERHAM TRACK CAR
BY @CRAZYMOTIONRIDE (UK)



WILLOW RUNABOUT
BY @BOTZEN (USA)



F458 WHEEL
BY @HUSSIEN (SAUDI ARABIA)



A FEW OF THE 100,000+ PROJECTS THE LOCAL MOTORS CROWD IS WORKING ON RIGHT NOW...

B7 ELECTRIC SUPERCAR
BY @FILSKI (AUSTRALIA)



EXTENSOR
BY @SIXTEN (USA)



INDIAN GORILLA
BY @VASILATOS (ROMANIA)



SPEEDY BUGGY
BY @NLLANOS (ARGENTINA)



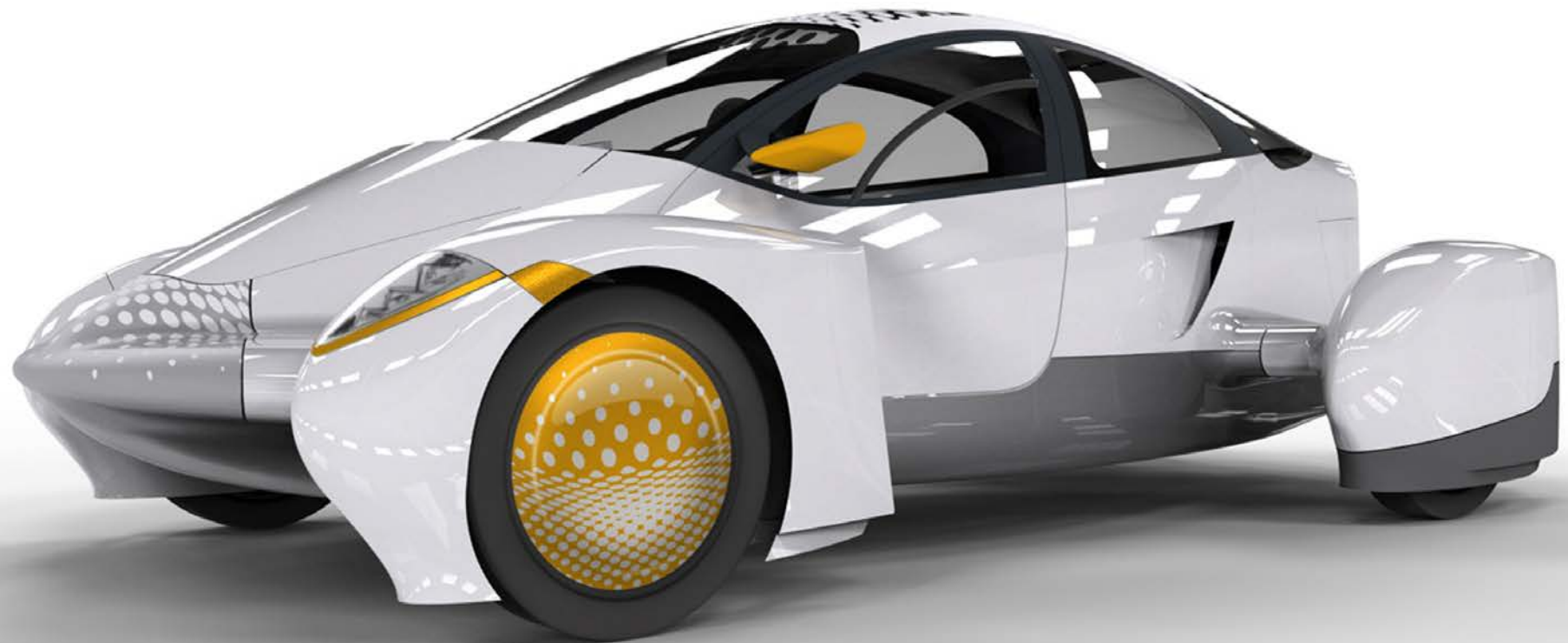
OPEN-SOURCE TANDEM
BY LM COMMUNITY (GLOBAL)



ELECTROJET
BY @CRAZYMOTIONRIDE (UK)



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Edison2

INTRODUCING THE VERY LIGHT CAR

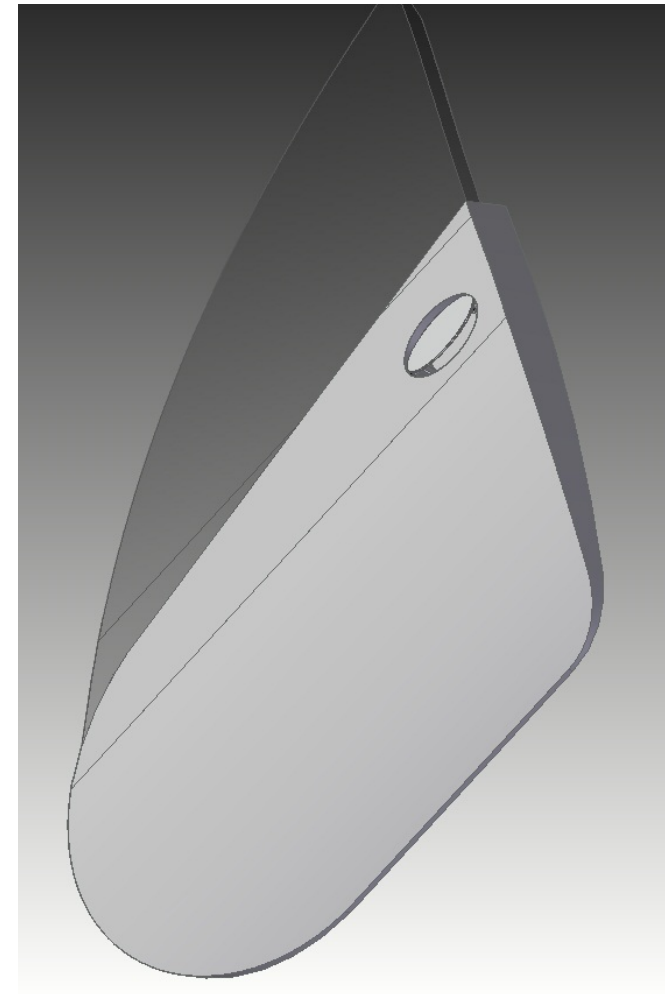
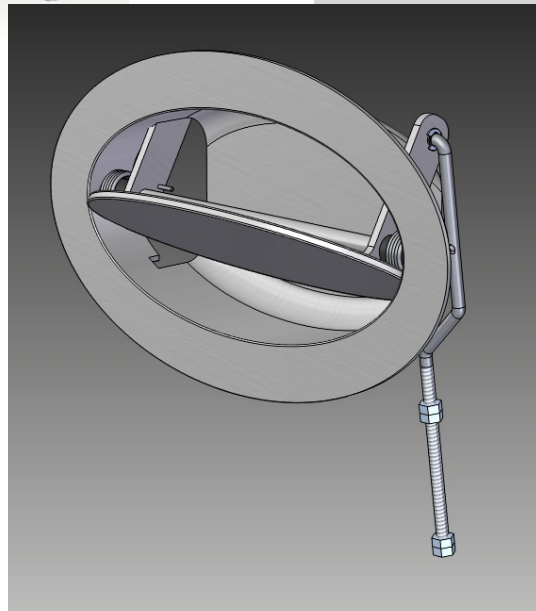
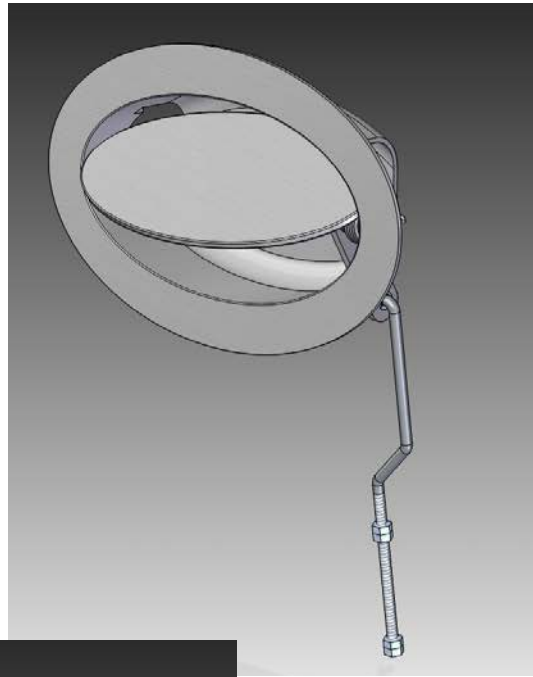
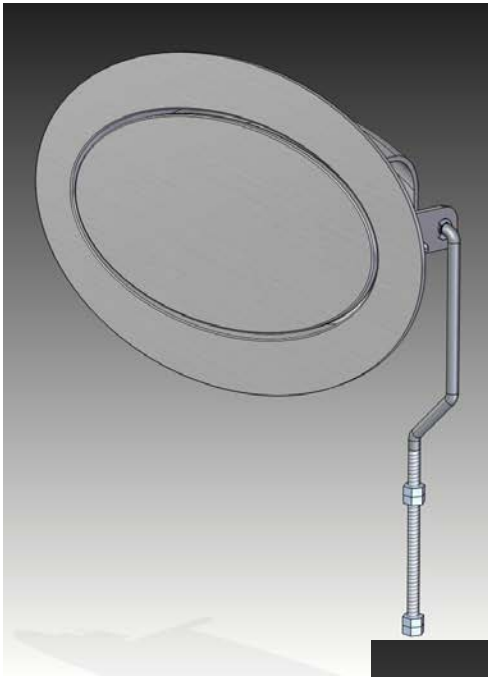
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Edison²



Challenge



Edison²



Challenge

Txt'ng Gut Check

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T H E R A L L Y F I G H T E R

*** MADE BY YOU IN AMERICA ***



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Jim
L.



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PICTURES 18.02

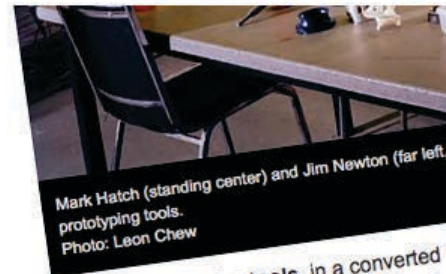
Atoms Are

A cleaner-size storefront in an Wareham, Massachusetts, an hour might not look like a portal to the an manufacturing, but it is. This is s of [Local Motors](#), the first open pany to reach production. Step office reveals itself as a mind-blowing power of micro-factories.

Local Motors will officially release the [Rally](#) 3,000 off-road (but street-legal) racer. was crowdsourced, as was the selection of the shelf components, and the final ill be done by the customers themselves emby centers as part of a "build ." Several more designs are in the nd the company says it can take a new m sketch to market in 18 months, about takes Detroit to change the specs on . Each design is released under a

In the New Bits

By Chris Anderson January 25, 2010 | 12:00 pm | [Wired Feb 2010](#)



Mark Hatch (standing center) and Jim Newton (far left), prototyping tools.
Photo: Leon Chew

It all starts with the tools. In a converted engineers are making the first sub-\$1,000 out ink, this printer builds up objects by sq years ago, you couldn't get anything like t

During a visit in late November, 100 boxes to go out the door (as a customer, I'm th these 3-D printers have been sold, and tools to make them even better. For exa head can hold a rotating cutter, turning control, which simply means that the r icing, for desserts.

Out of the box, the MakerBot product Download a design and print it out yo researcher at the University of Cam file by rotating the object in [SketchUp](#) software fr new physical ob



The Cameron Effect

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- 30K tweets in the first 8 hours +
- 26K followers
- =New Era for Exploration

- This Picture was transmitted instantly 9,000 km away



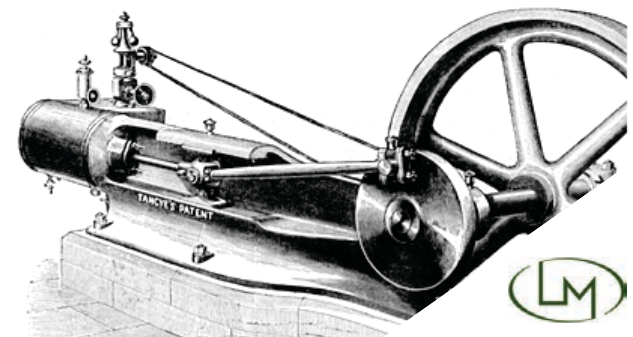
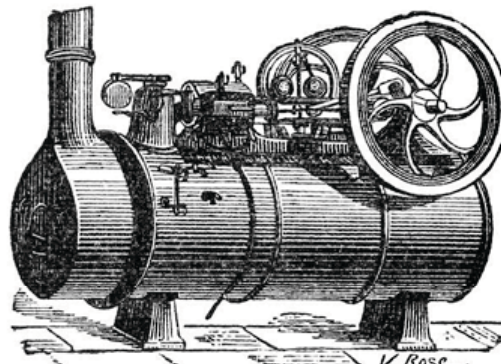
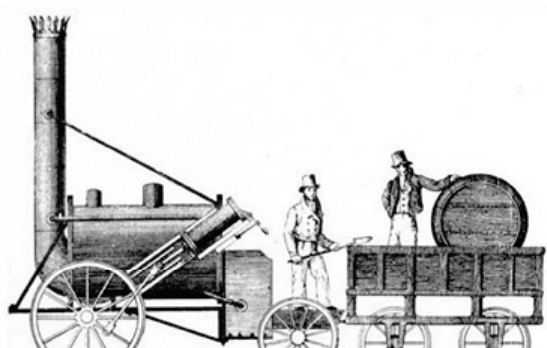
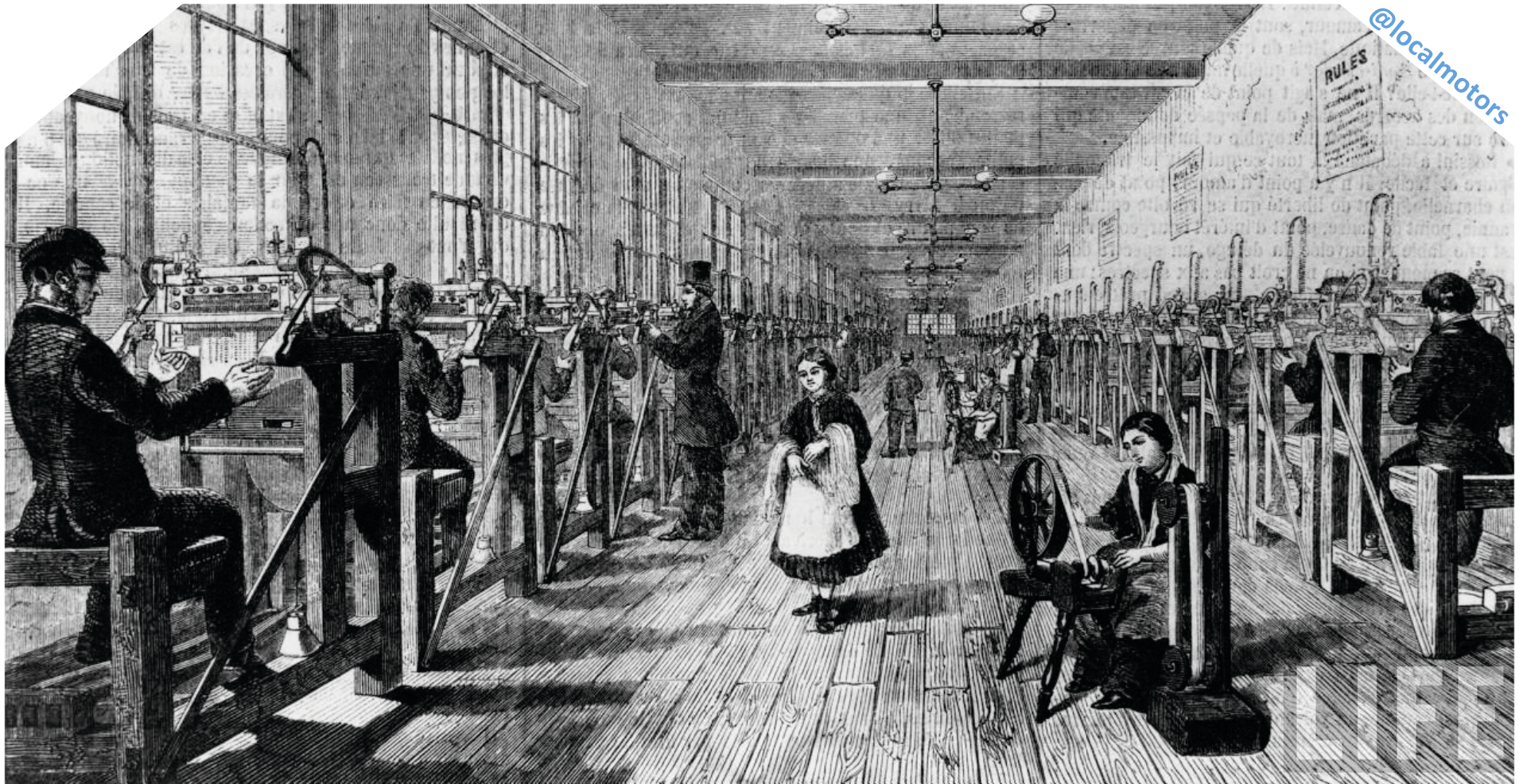
Joy's Law Haunts Most Innovation Efforts

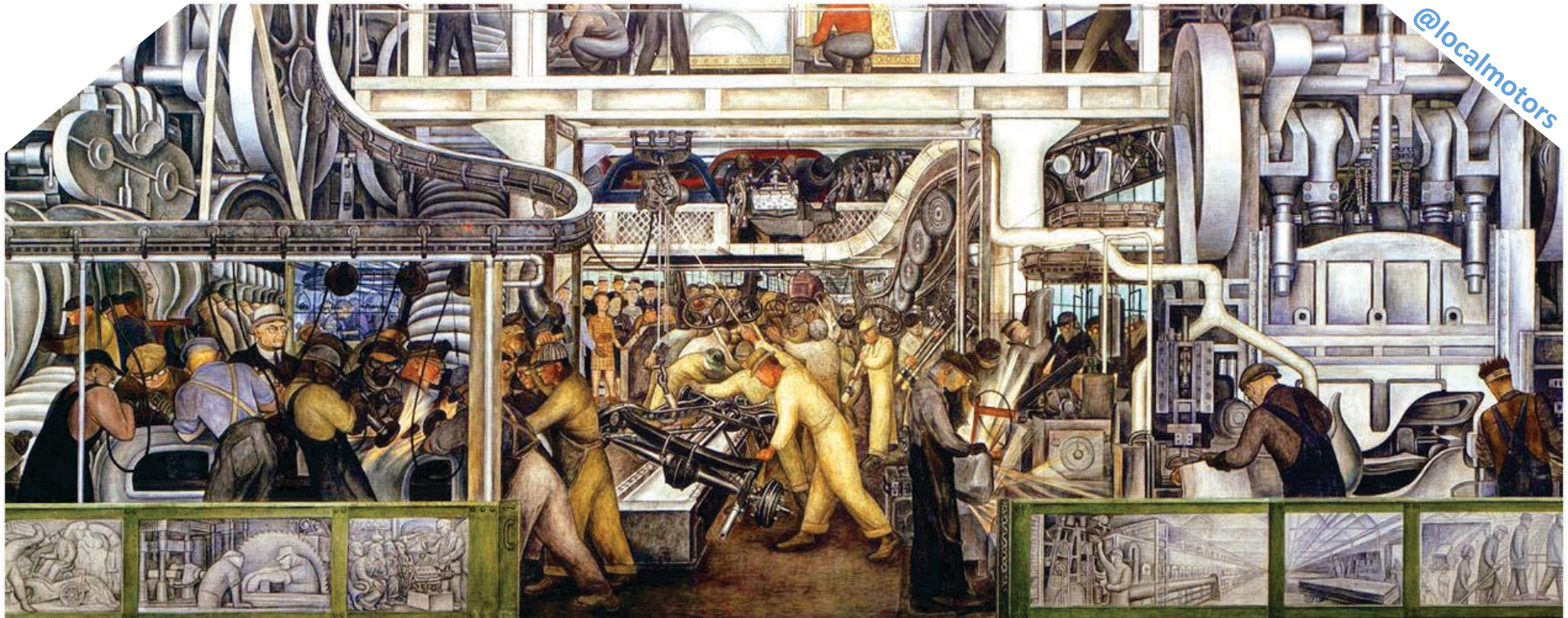
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“No Matter Who You Are, Most of the Smartest
People Work for Someone Else”

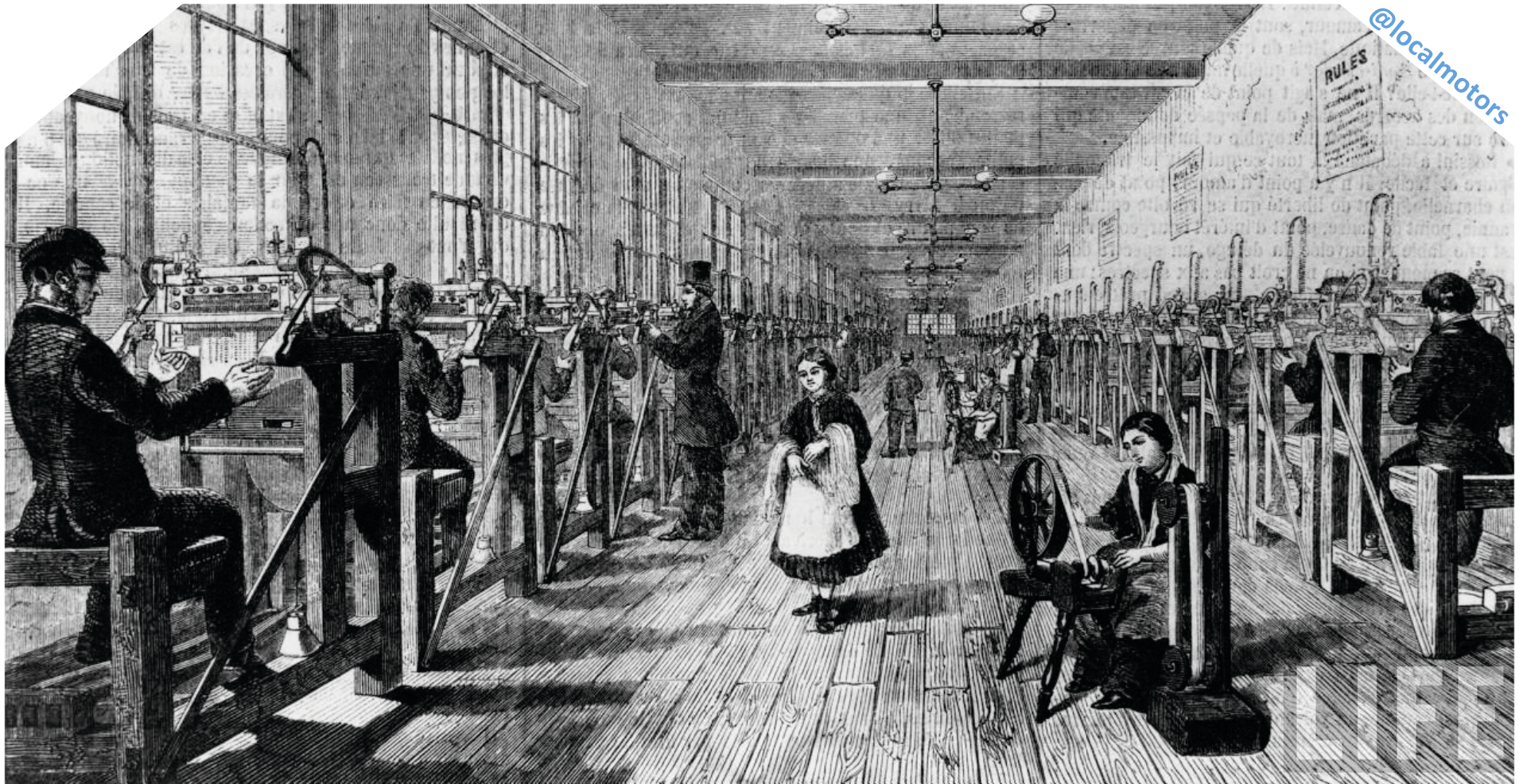
Bill Joy, Cofounder Sun Microsystems



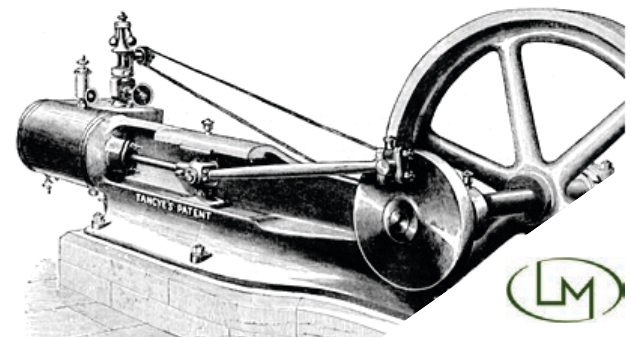
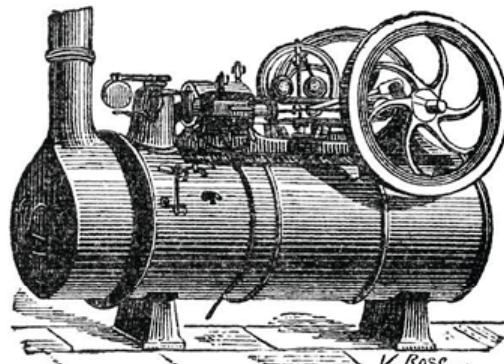
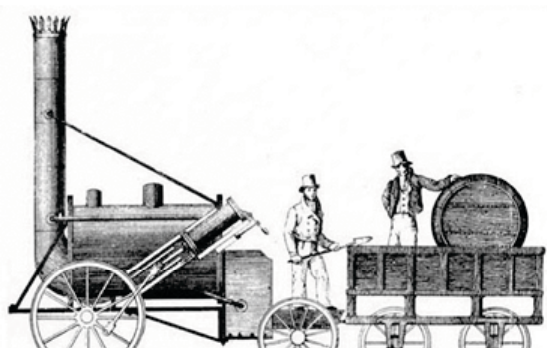


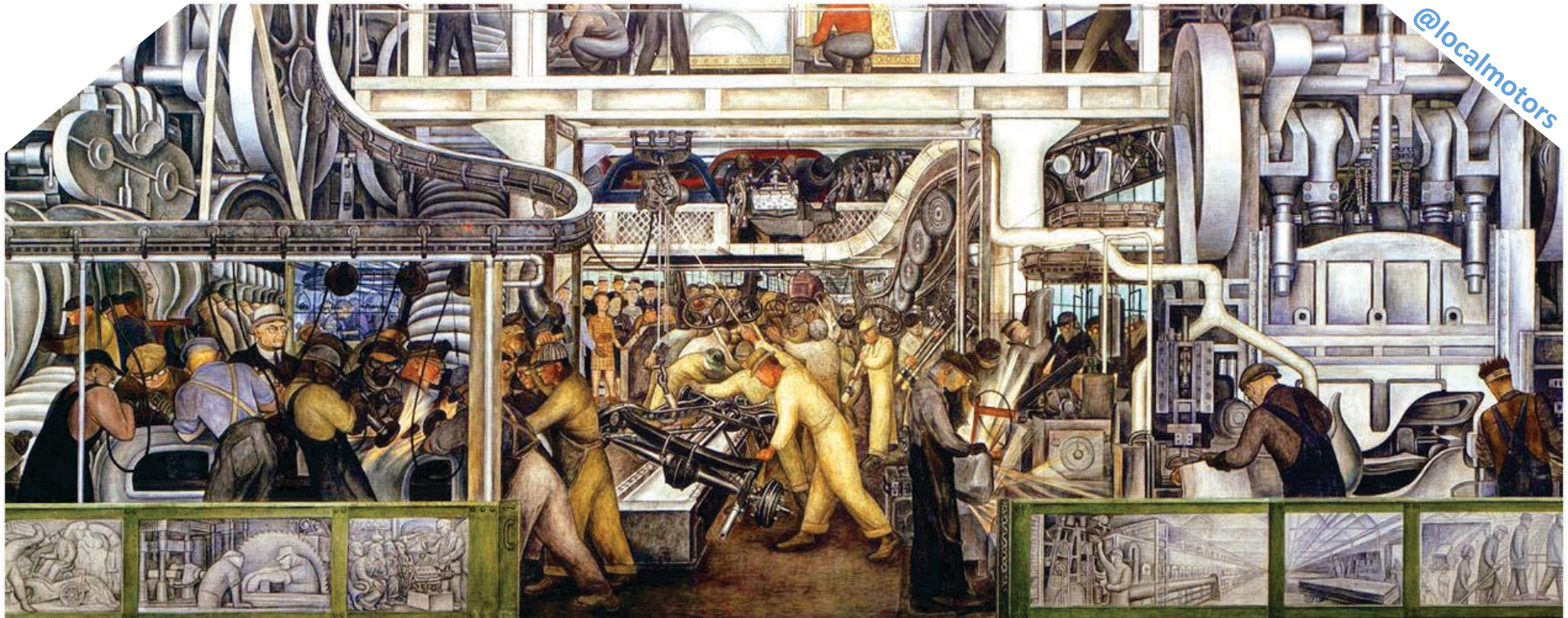






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(The Economist April 21, 2012. Image Credit: Brett Ryder)



The Causal Explanation for Joy's Law

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- Knowledge is **unevenly distributed** in society - Fredrich von Hayek (1945)
- Knowledge is **sticky** - Eric von Hippel (1994)



Open Hardware Innovation “How To”

4 Ideas

- Leadership
- Organization
- Respect
- Engagement



Open Innovation “How To”

4 Ideas

- Leadership – Crafting a Vision
- Organization
- Respect
- Engagement



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Open Innovation “How To”

4 Ideas

- Leadership
- Organization
- Respect – For People. Find the Winner Faster.
- Engagement



Open Innovation “How To”

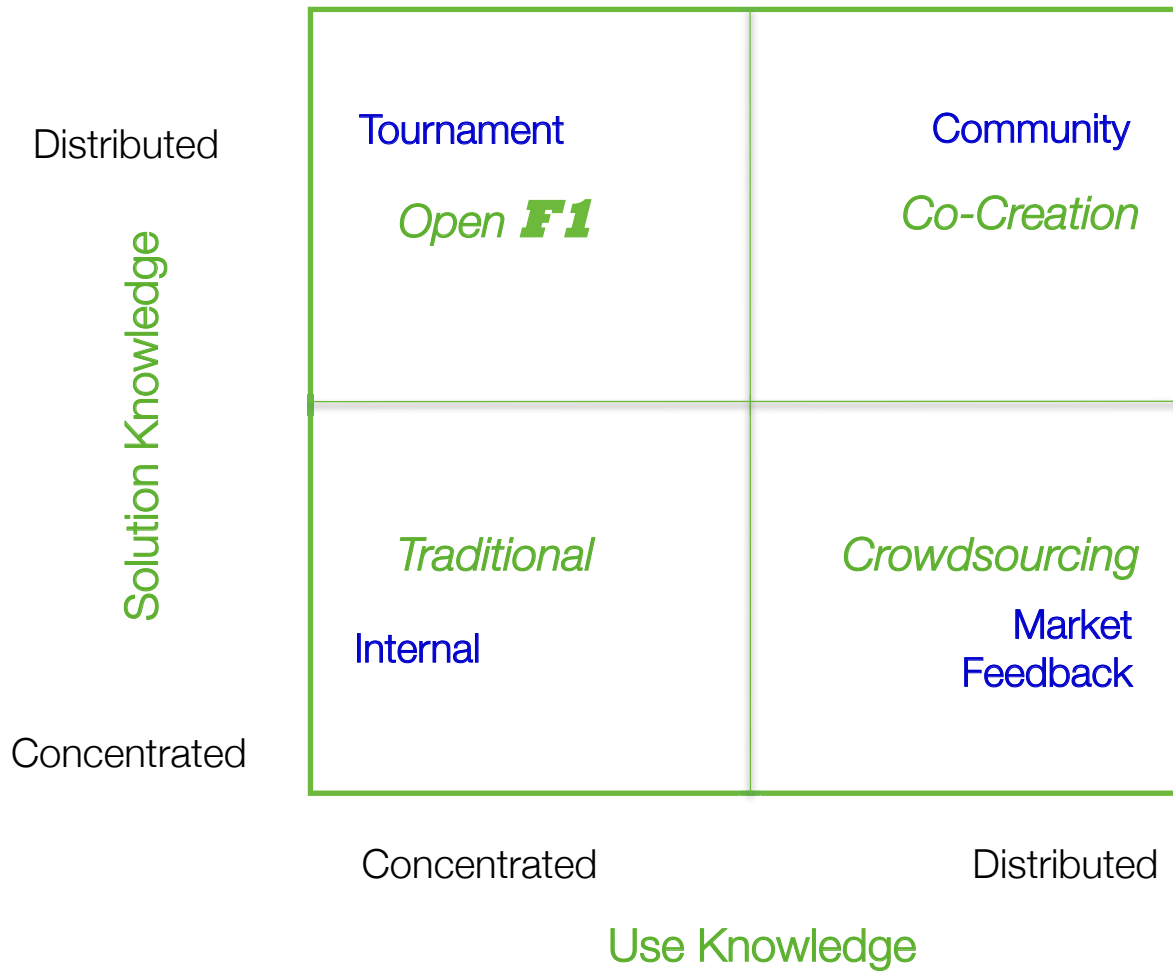
4 Ideas

- Leadership
- Organization
- Respect
- Engagement – This is the new currency. You must be present. Celebrate Achievement and Failure equally



What type of Engagement is Right? When?

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Hardware Innovation - Why Now

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- Broad Band Communication
- Development of Open Innovation Legal Protections
- Decrease in the Cost of Professional Tools



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CORVETTE HUNTING



DRIVEN BY DESIGN™

Empowering a World of auto-MAKERS

engineexpo2012
Novi, Michigan 



October 23-25, 2012 | The Suburban Collection Showplace | Novi, Michigan



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 Local Motors

Open Innovation “How To”

4 Ideas

- Leadership
- Organization – Managing the Items that our Community Cannot/Will Not do for themselves
- Respect
- Engagement

