

May-June 1996



LEGO MANIA Magazine

THE OFFICIAL MAGAZINE OF THE LEGO CLUB

MANIACS

Start Your Engines!

RACE



CHECK OUT THE CONTEST ON PAGE 3!

Members Only Offer

See Back Page!

FREE Aquashark Poster On Page 8!



new
Possible Builds

A Whole Lot of Racing Going On!

ALL NEW!
RACE

INDY LEMANS
 HERE... CALL ME
 INDY FOR SHORT.

RACERS
 ON YOUR MARK,
 GET SET...

#6334 Wave Jump Racers

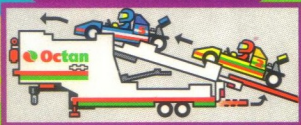
"These super shredding Wave Jump Racers get you off to a big air rolling start," says Indy. "It's cool hearing people cheer from the stands when you finish. But after hours of blasting waves, I'm beat. So I just load my water jet on the trailer, put my all-terrain vehicle in overdrive, and cruise home."

#6546 Slick Racer 4

"I give it the checkered flag," says Eddie Octane. "With it's big engine, super slick tires and adjustable spoiler, I get the best lap times on the circuit."



Lower the ramp,
 load the racers and
 raise it up when you're
 ready to roll!



A third car
 fits underneath too!

Cool
 Chrome
 exhausts

Handy storage cabinet
 keeps tools and tires
 at your fingertips,
 making last minute
 repairs a snap!

AND
 THE WINNER
 IS...
**TURBO
 CHARGER!**

#6335 Indy Transport

Mandy the Mechanic says, "The Indy Transport is tops. All my tools and spare slick tires store slickly in the storage area. Hauling cars is easy, too. They just roll right up the ramp."

HEY
 MANDY, CAN I
 BORROW THE
 JACK?

Climb the
 Winners
 Stand!



UP CLOSE & PERSONAL

Mandy the Mechanic

MANDY IS THE FASTEST BUILDER AND MECHANIC IN THE PITS. WHEN SHE GETS CRANKING, THE TOOLS FLY. SOMETIMES PRETTY FAR. AFTER A PIT STOP, SHE SPENDS MOST OF THE RACE LOOKING FOR THE TOOLS SHE'S TOSSED. MANDY AND THE CREW RELAX BY PLAYING ROCK MUSIC WITH THEIR TOOLS.

FAVORITE TV SHOW: TOOL TIME
 FAVORITE INSTRUMENT: ELECTRIC GUITAR (GIBSON FLYING V)
 FAVORITE SNACK: LUG NUTS



Yes, this tool counts!

WHERE'S THAT AQUASHARK? I'LL SHOW HIM SOME REAL WAVE-JUMPING!

#6517 Water Jet 3

According to Indy LeMans, "This is the best water jet ever made. Sometimes I launch so high, I need oxygen."



No repair is too tough for Mandy the Mechanic. The pit stop has tons of tools, tires and a working jack!

Raise and lower the winch.

#6337 Fast Track Finish

"This is my favorite course. After the flag is dropped, you really slingshot out of the curves," says Turbo Charger. "My car is in the pit a lot and this one has the tools to keep it running." Five flags guide you to a fantastic finish.






Find the TOOLS & Pick up a Prize!

You could WIN this set plus, your choice of a NEW LEGO Race or Space Puzzle!



It only takes 16 seconds for a good crew to refuel a race car and change its tires. After a real quick pit stop, Mandy the Mechanic left her tools all over the magazine.

See how many wrenches, hammers and screwdrivers you can find throughout the magazine!

-  **Screwdriver** - Tighten dzus buttons. These spring-loaded screws hold parts of an Indy car to the body. The parts pop off during a crash, making it safer for the driver.
-  **Open-end Wrench** - Adjust the wing or spoiler to keep the car running fine and fast.
-  **Box Wrench** - Easily tighten engine bolts in hard to reach places.
-  **Hammer** - Pound sticking tires onto their rims or loosen really tight nuts.
-  **Air or Power Wrench** - Blast lug nuts off and back on in 5 seconds for lightning-fast tire changes.

The first 10 randomly selected entries with the correct number of tools will win a LEGO set of their choice (up to \$100 value) and their choice of a LEGO Race or Space Puzzle.

Entries must be postmarked by July 27, 1996 and received by July 31, 1996. Winners will be notified by mail by Aug. 21, 1996. Offer void where prohibited or restricted by law. Employees of LEGO Systems, Inc. and members of their immediate families are not eligible to participate. Entries will be judged by LEGO Systems, Inc. on the basis of accuracy. ©1996 LEGO Group.

How to Enter:

- Fill out the entry form below.
- Cut Here and Mail by July 27, 1996 to:

Find the Tools Contest
 LEGO MANIA Magazine
 P.O. Box 1625
 Enfield, CT 06083-1625



I found _____ tools in the magazine. Find the Tools Contest

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone:(_____) _____ Age: _____

COOL

For Kids
By Kids

Pit Crew on Wheels

CREATIONS

There isn't any car this "Pit Crew on Wheels" can't fix. Just ask Raymond Huber, age 6, of California who inspired this Cool Creation.



1

It's not called the "Pit Crew on Wheels" for nothin', so go get some wheels, pronto!

2

Builders Hint:
As you build each step, you'll notice that pieces you have already built are faded so you can see the new pieces to add.

3

This is a good time to add some racks to hold your tools, like this one for the jack.

Tool Rack with Hinge

Top View

4

It's starting to look like a garage now

Your design could be featured in Cool Creations. Send your original model-making instructions to:

LEGO Club, "Cool Creations"
P.O. Box 1308
Enfield, CT 06083-1308

Club members featured will receive a free LEGO set of their choice (\$100 value).

Gas Pump

4a

4b

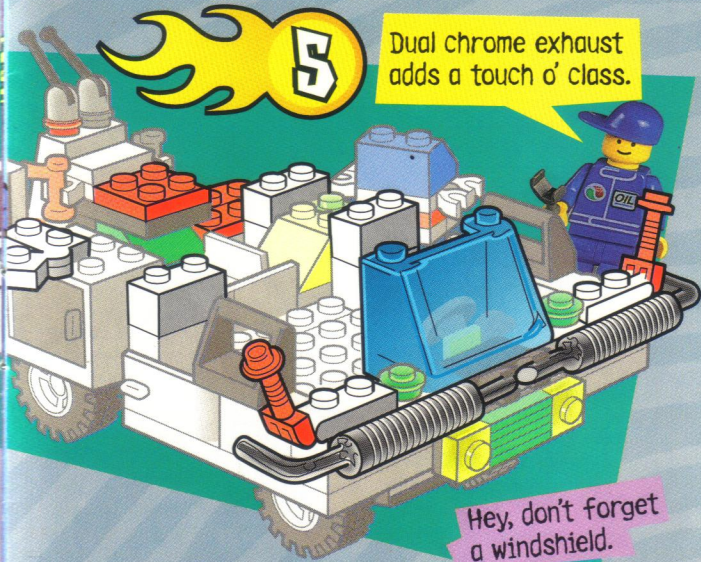
4

You can never have too many cabinets in a garage.



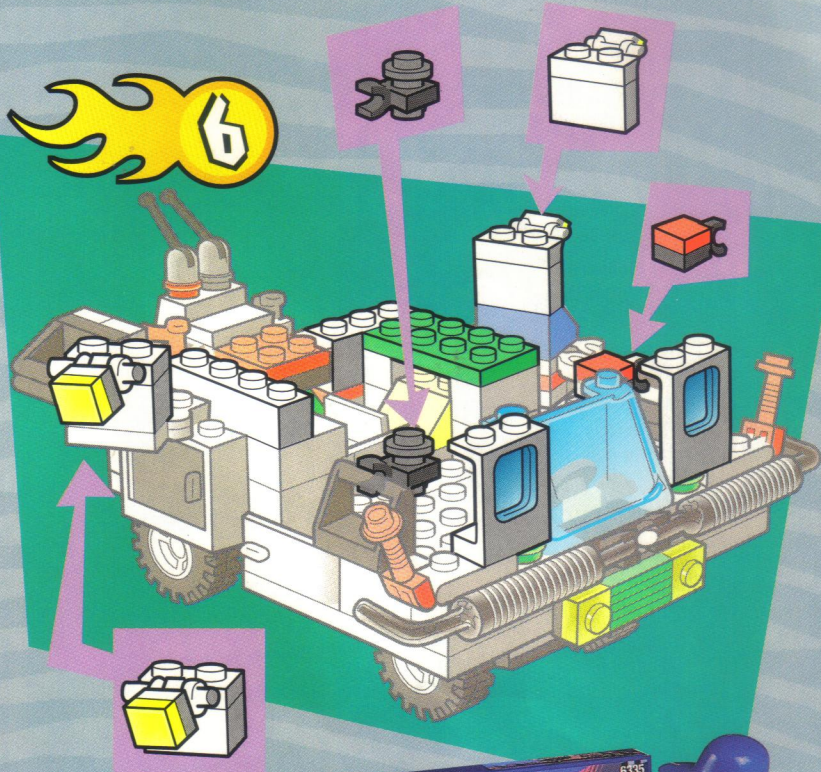
5

Dual chrome exhaust adds a touch o' class.

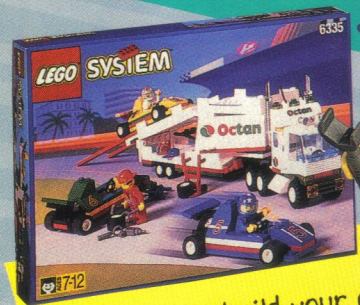
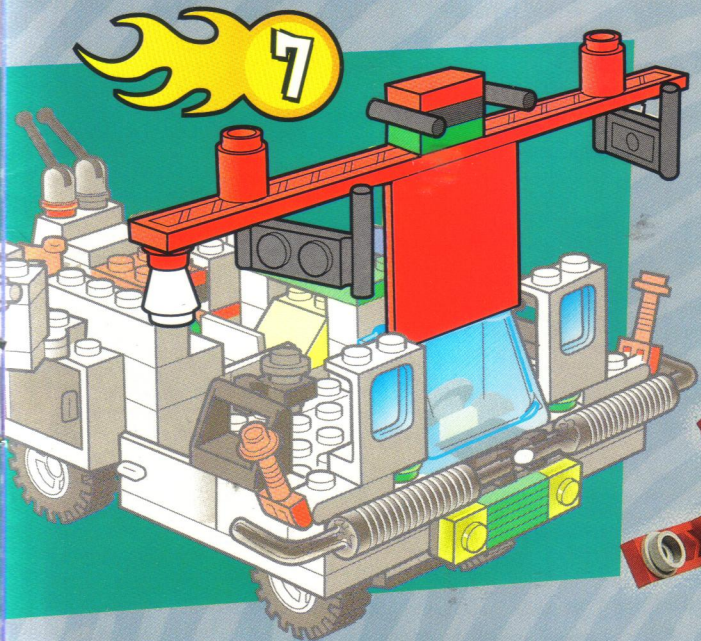


Hey, don't forget a windshield.

6



7



Hey, want to build your own "Pit Crew on Wheels"? Well, you can find all the pieces you need in #6335 Indy Transport or use pieces from your own LEGO collection.

8



This garage would not be complete without a sign. Put your name in lights and your ready for business.



5

Built for Speed

You're squeezed into the car, strapped in by six seatbelts. About all you can move are your arms and feet, but that's all you'll need to move for the next three hours. It's hot — about 150 degrees — where you're sitting. And it's loud. You're surrounded by 30 screaming turbo-charged racing engines. The green flag drops, and you're off at Indy!

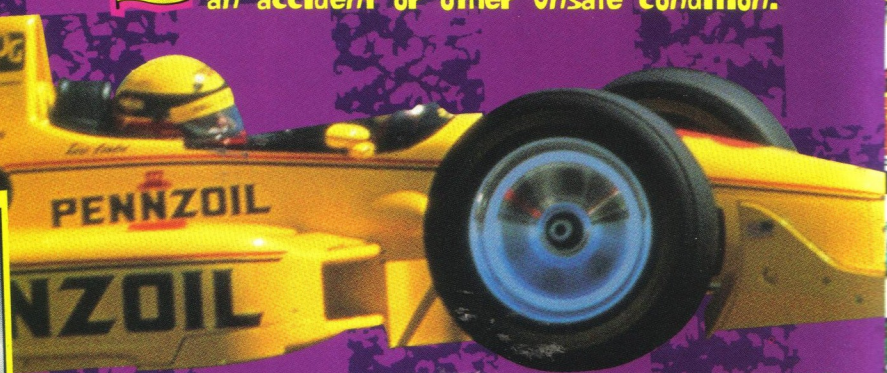
After two seconds, you're up to 60 mph. You accelerate through the first curve and shift into sixth gear on the straight-away. You hit 220 mph, fast enough to zoom across a football field in one second. You brake slightly into the next curve, turn the wheel sharply, and punch it. You're doing a Number Ten pedal (going full throttle). One lap down and 199 to go!

Indy cars, Formula 1 racers, and dragsters are just some of the popular cars you can race and build. And for a thrilling water race, try crashing the waves on a water jet!

Red flag means stop. There is a dangerous problem on the track.



Yellow flag means caution. Slow down for an accident or other unsafe condition.

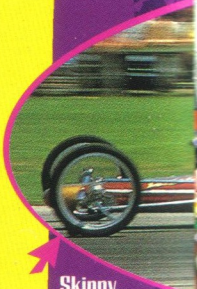


A spoiler (or wing) helps keep race cars on the track.



Indy Cars

If you take a look at a LEGO race car it looks like an Indy car or a Formula 1 racer. These cars have front and back wings that work like upside down airplane wings. Instead of making a car go up like an airplane, the car's wings help keep it on the ground. These cars also use large, bald tires called slicks. The sticky slicks help grip the track better in dry weather. Indy cars travel to races across the United States in a truck like the #6335 Indy Transport. Each transporter carries two cars, spare parts, and a machine shop for repairs.



Skinny front tires make the dragster extra light.

Formula 1 Racers

Formula 1 racers are similar to Indy cars, but they race all over the world. The cars race on odd shaped tracks filled with many turns and curves. Like the Fast Track Finish, a Grand Prix race (which means large prize) uses a green light to start the race. Formula 1 cars also race on regular highways that are blocked off for the race. One of these races runs through the streets of Detroit, Michigan.



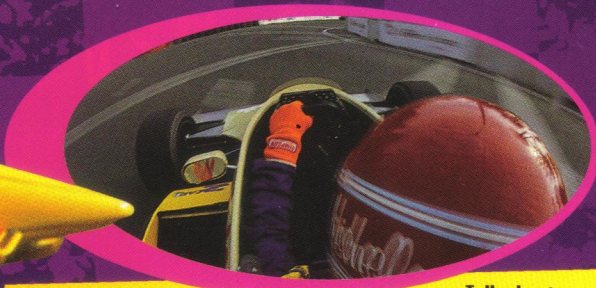
Yellow flag with red stripes means there's oil on the track. Look out!

Green flag means start the race. Go for it!



White flag means one more lap to go. You're almost there!

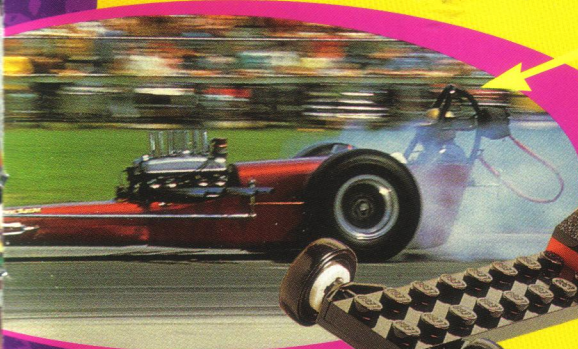
Black flag means hit the pits. You have to go into the pit right away.



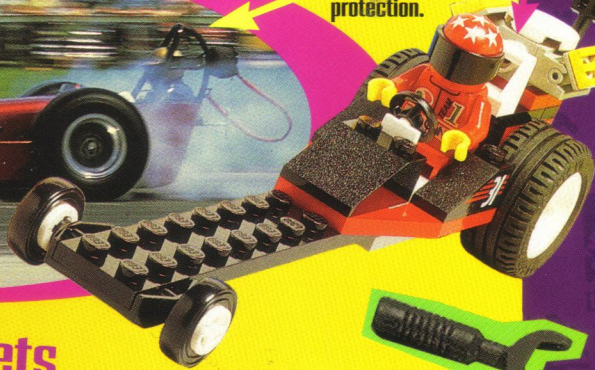
Dragsters

➔ Talk about a tight squeeze!

Don't blink or you may miss a drag race. One takes about six seconds. Dragsters are long narrow race cars that have front tires that look like bike tires. These speedsters look a lot like #6639 Raven Racer. Dragsters are the fastest race cars around. When the lights turn green, two dragsters fly down a short straight track, reaching speeds over 270 mph. They go so fast that they need a parachute (drag chute) to help them stop!



Rollcage for protection.



Speed Safely

Auto racing is a very dangerous sport. One wrong move and you could be history. When cars crash at an auto race, tires fly, cars flip, and smoke billows. But because of specially designed cars and protective gear, most times, drivers walk away from the worst crashes.

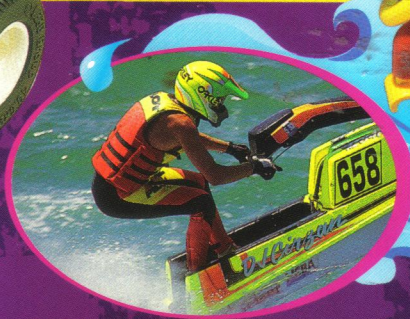
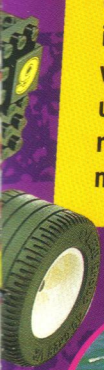
Today's race cars are made out of light but strong materials. The front and sides of the car absorb the impact of a crash, protecting the driver. Tires fly off a car to keep it from somersaulting. A tough rollover hoop behind the driver's head takes the beating if a car rolls over.

Everything a driver wears is fire resistant including a face mask, socks, and underwear. If a fire starts in a car, these clothes will protect him for about 30 seconds. Cars also come with a built-in fire extinguisher. The car's fuel is kept in fuel cells made out of a rubbery plastic that does not puncture in a crash.

A driver is tightly strapped into the car, so his body doesn't move much through the high-speed turns. It is such a tight fit that a driver can't even buckle his own seatbelt!

Water Jets

Water jets like the Wave Jump Racer are part snowmobile and part boat. You can stand, kneel, or sit on them. An impeller inside the water jet sucks water into the machine and then jets water out the back. The water jets move the mini boat at speeds up to 60 mph. Water jets race on water courses marked by buoys.



 Blue flag with a yellow stripe means move over, slowpoke, someone is trying to pass you.

Custom build your own awesome racing machines. Add some slick tires to one car and a spoiler to another. Then let 'em rip down a racing ramp (like the ramp in #1821) and see which car crosses the finish line first!



Checkered flag means the finish. You're the winner!

Enter if you DARE, Shark's

• Working compass keeps you on course.

• Secret panels in tail lift to stash stolen crystals heisted from Aquanauts.

UP CLOSE & PERSONAL

Thresher

THIS UNDERHANDED AQUASHARK SPENDS MOST OF HIS TIME PROWLING FOR HYDROLATOR CRYSTALS. THRESHER GETS HIS NAME FROM THE THRESHER SHARK BECAUSE HIS HOOK LOOKS LIKE THAT SHARK'S TAIL.

THRESHER IS A REAL SPORTS NUT. HIS FAVORITE SPORT IS UNDERWATER RODEO WHERE HE LIKES TO ROPE AND RIDE REAL SHARKS.

FAVORITE HOCKEY TEAM: SAN JOSE SHARKS
FAVORITE CARTOON: STREET SHARKS
FAVORITE SNACK: SHARK BITES



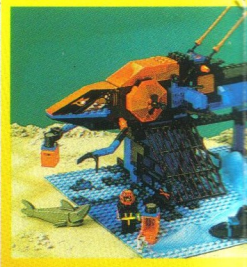
HEY THERE BUDDY, NICE HOOK!

• Cave dungeon opens. Get out before it closes.

Shark's Crystal Cave

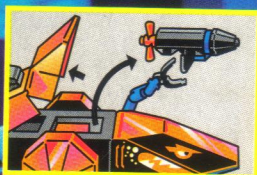
is the underwater hideout for a bunch of crystal-hungry Aquasharks and one really hungry shark. Use the working compass to follow the Shark's ship to the cave, but don't get too close. The cave has a secret cage for unwanted visitors. That's one shark cage you don't want to get in!

Shark's super ship Crystal Cave to create



Crystal Cave!

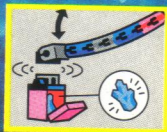
Launch mini-sub with flexible grabber arm!



Two front cockpits open for Aquashark pilots.

Sneaky side doors lift open.

Magnetic arm easily lifts crystal box off the ocean floor.



its on
ome base."

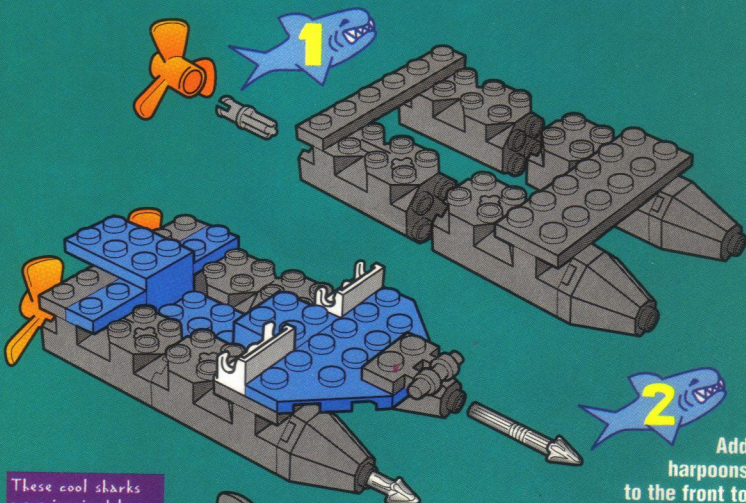


AQUASHARKS

COOL CREATIONS HOVER-SKI-SPY



We couldn't choose between Bryan Unbangluang's "Battle Tron" and Chris Rosenkrans' "Sea Mantis" so we asked our model designers to create a new model that combined the two. The result -- the cooler than cool, **HOVER-SKI SPY** -- a super vehicle that can fly, ski and dive! Thanks MANIACS!



These cool sharks were inspired by Ryan Matthew Holt Thanks Ryan!

Add harpoons to the front to protect you from the dangers of the deep sea.

Catch the sun with your secret hologram shield and your opponents will need more than sunglasses to stay on course.



Special gauges, hologram screen and turbo-charged engines will help you win any race!

You'll find all the pieces you need to build Hover-Ski-Spy in #6815 Hovertron and #6135 Spy Shark or use pieces from your own LEGO collection.



#6135 Spy Shark

#6815 Hovertron

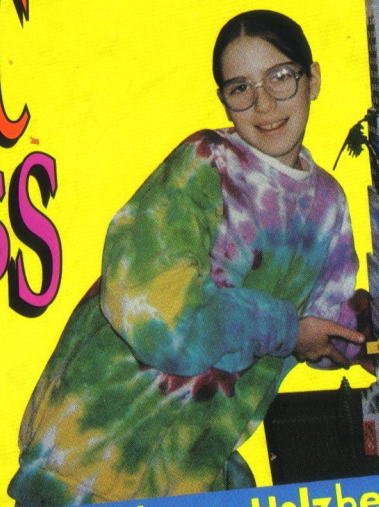


Send a Photo of Your Model to:

maniac madness

LEGO club
P.O. Box 1308
Enfield, CT 06083-1308

Remember to print your name, address, age and model name on the back of each photo. Pictures will not be returned, so take an extra photo for yourself!



Shoshana Holzberg-Pill Age 12,
Massachusetts "Radio Tower Skyscraper"

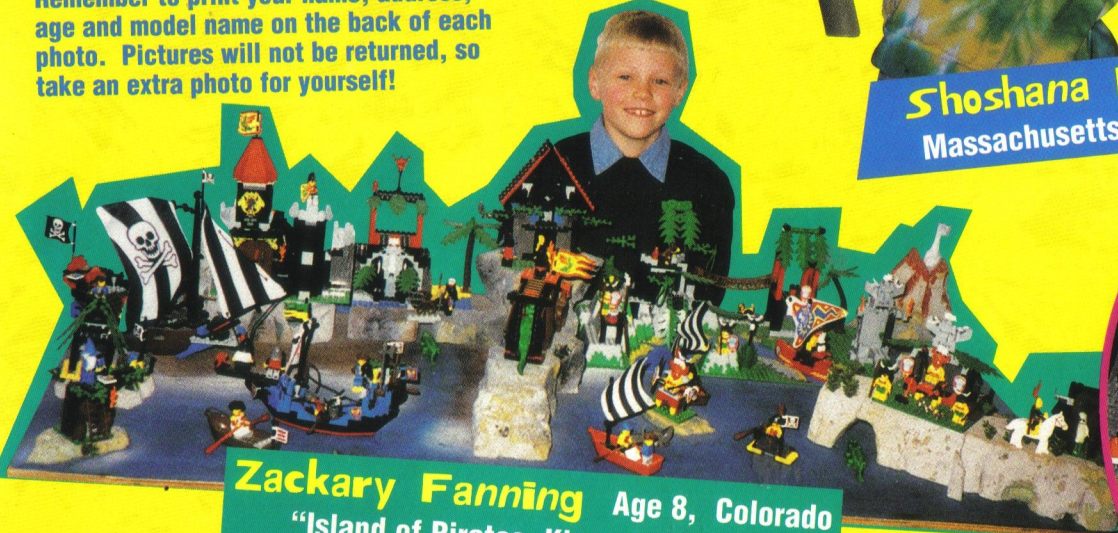
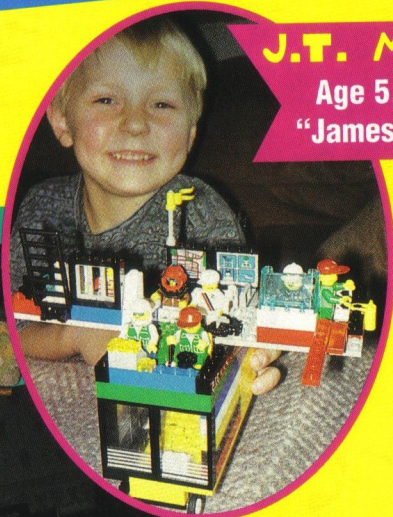


Stephen & Mike Brickman
Ages 6 & 9, New York "Dead Man's Domain"

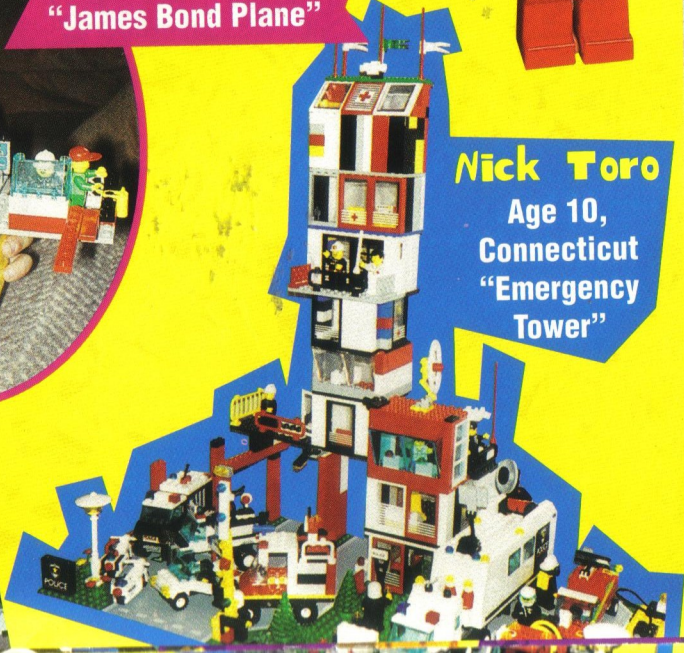
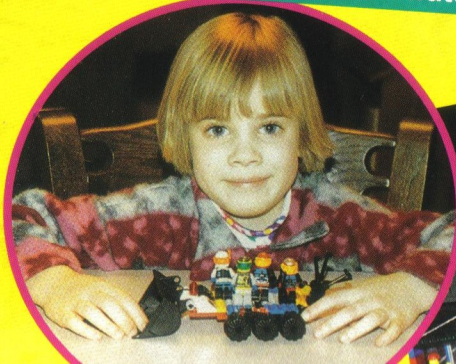
The Brickman Boys are real Brick-Men!



J.T. Mazalewski
Age 5, California
"James Bond Plane"



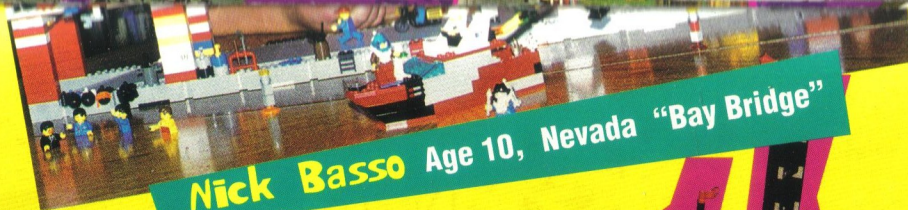
Zackary Fanning Age 8, Colorado
"Island of Pirates, Kings & Knights"



Nick Toro
Age 10,
Connecticut
"Emergency Tower"

Cassie Sargent

Age 6, Wisconsin
"Future Space Shovel"



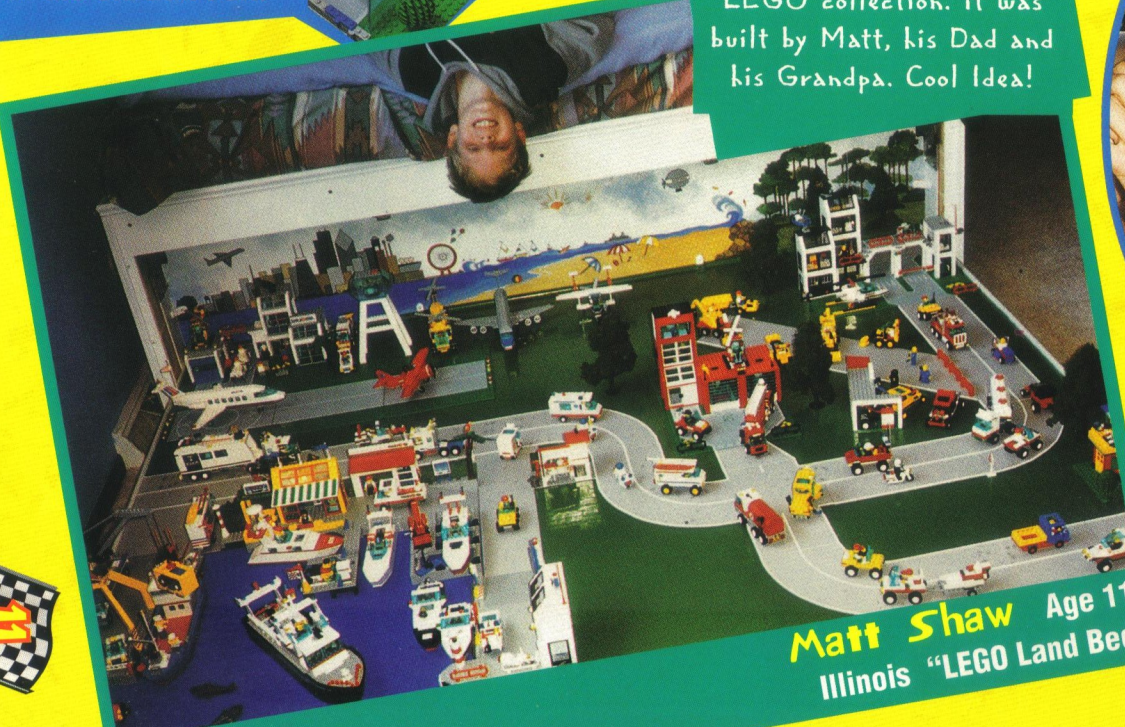
Nick Basso Age 10, Nevada "Bay Bridge"



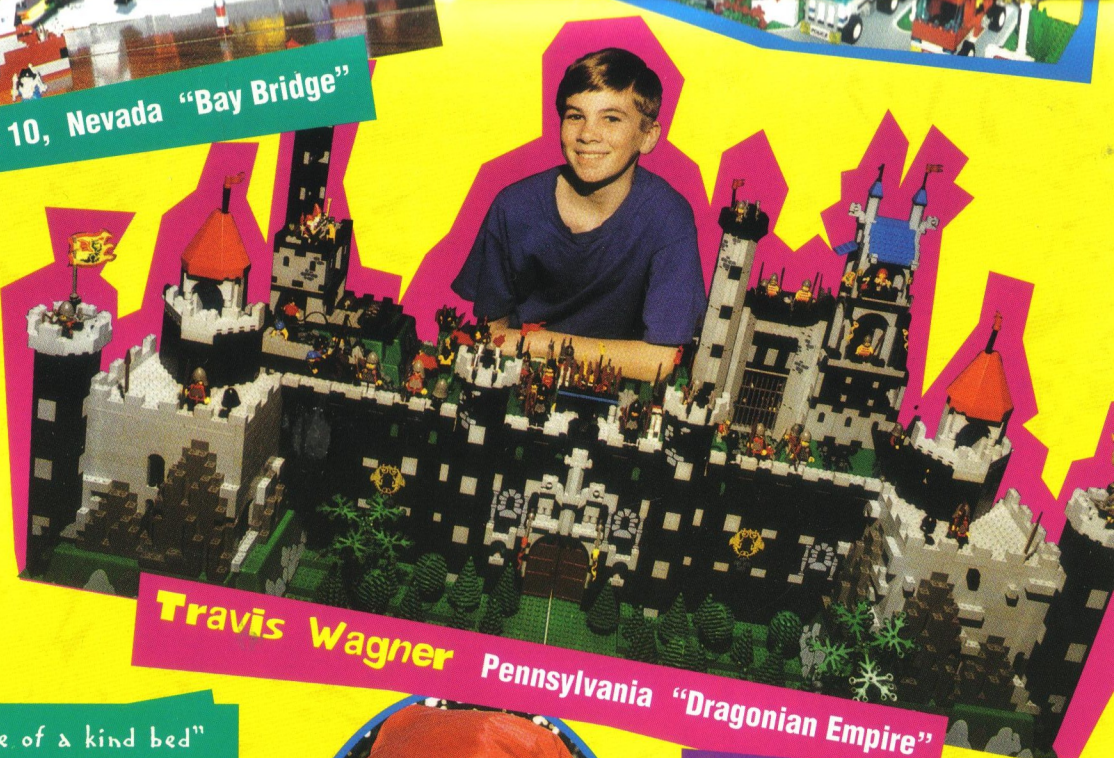
Henry Wilson

Age 10, Michigan
"At the Old Ball Park"

This "one of a kind bed" has a pull out drawer built into the bed to hold Matt's LEGO collection. It was built by Matt, his Dad and his Grandpa. Cool Idea!



Matt Shaw Age 11, Illinois "LEGO Land Bed"



Travis Wagner Pennsylvania "Dragonian Empire"



Griff Antley

Age 10, South Carolina
"Renegade Island"

Explorians Decoding Contest Winners

from January/February
MANIA Magazine

Brian Buran,
Age 11, Florida

Rydel Baum,
Age 8, New Mexico

Chris Pekelnicky,
Age 8, Pennsylvania

Stanley Boedeker,
Age 9, California

Dana Long,
Age 11, Michigan

Brian Alquist,
Age 8, California

Kyle Stokes,
Age 7, Wisconsin

Henry Fang,
Age 11, California

John Overcash,
Age 10, South Carolina

Jon Howell,
Age 9, Florida

the Adventures of the LEGO Maniac

IT'S THE FIRST ANNUAL LEGO LAND AND SEA RACE ORAMA.

RACERS, START YOUR WATER JETS!

SEE YA LOSERS AT THE FINISH LINE! HAI HAI!

HEY!

NO FAIR!

AND THEY'RE OFF!

WHOA!

TALK ABOUT A RADICAL LOG ROLL.

BETTER CHECK THIS OUT.

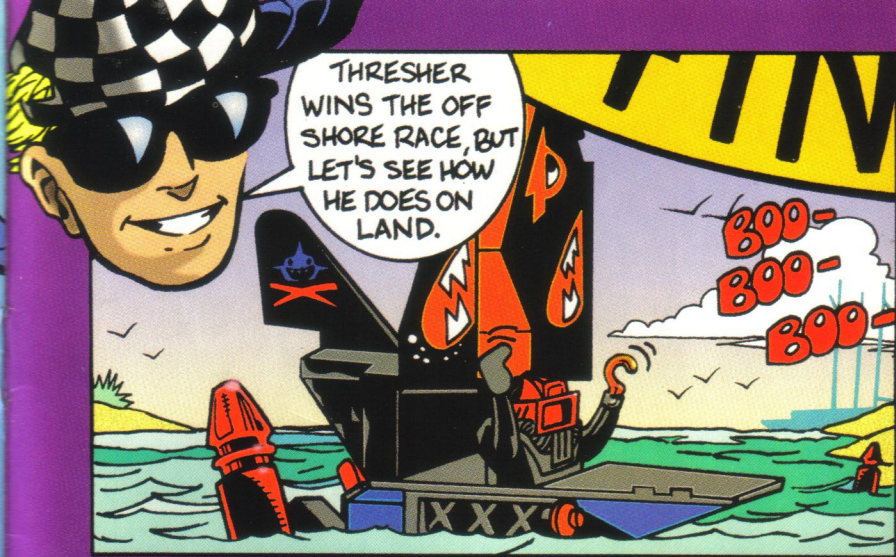
I'LL SHOW YOU ROOKIE SHREDDERS HOW TO CATCH SOME REAL AIR.

FINISH

HEY, NO FAIR.

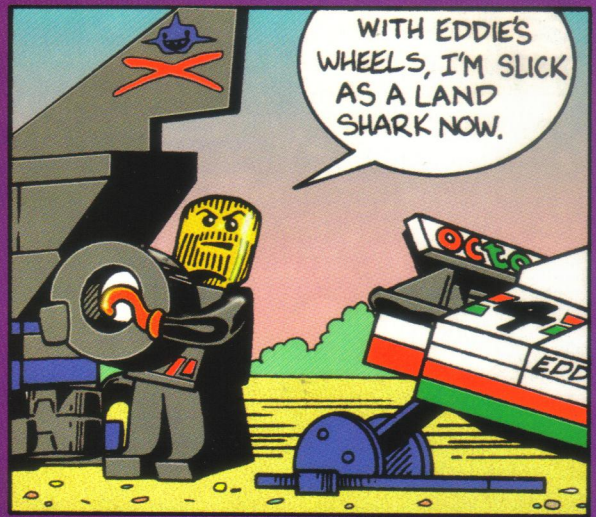
THRASHER AND HIS AQUA SHARK ARE CHEATING.

12

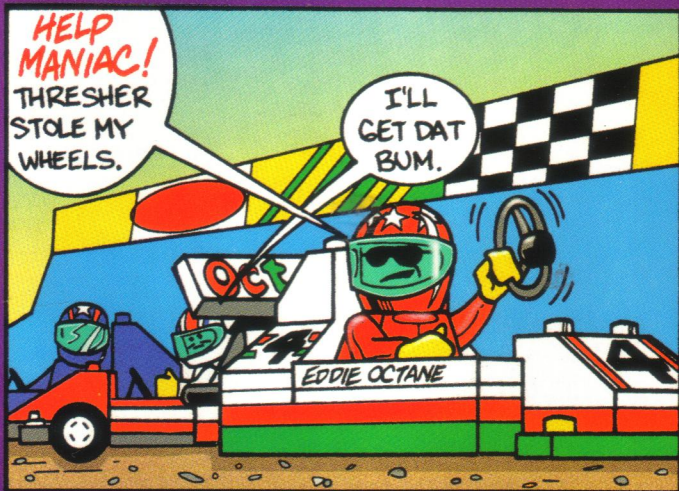


THRESH
ER WINS THE OFF
SHORE RACE, BUT
LET'S SEE HOW
HE DOES ON LAND.

BOO-
BOO-
BOO-

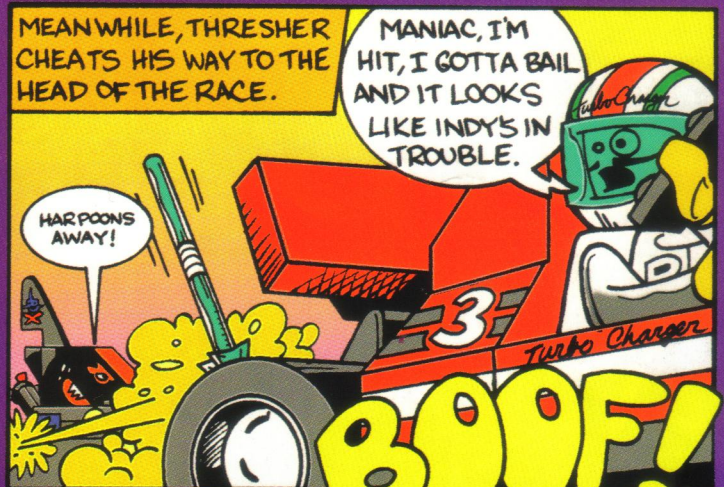


WITH EDDIE'S
WHEELS, I'M SLICK
AS A LAND
SHARK NOW.



HELP
MANIAC!
THRESH
ER STOLE MY
WHEELS.

I'LL
GET DAT
BUM.

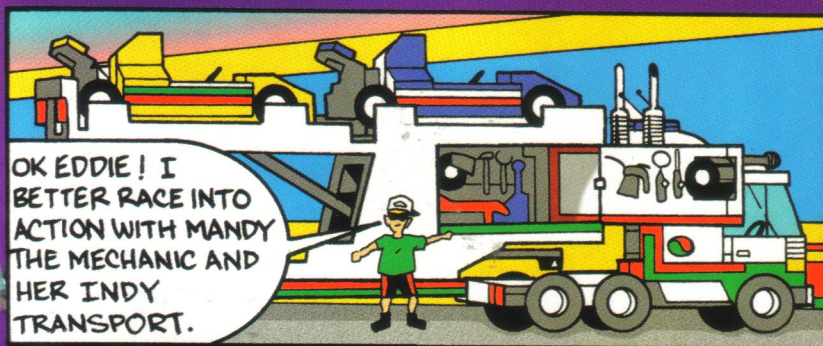


MEANWHILE, THRESH
ER CHEATS HIS WAY TO THE
HEAD OF THE RACE.

MANIAC, I'M
HIT, I GOTTA BAIL
AND IT LOOKS
LIKE INDY'S IN
TROUBLE.

HARPOONS
AWAY!

BOOF!



OK EDDIE! I
BETTER RACE INTO
ACTION WITH MANDY
THE MECHANIC AND
HER INDY
TRANSPORT.

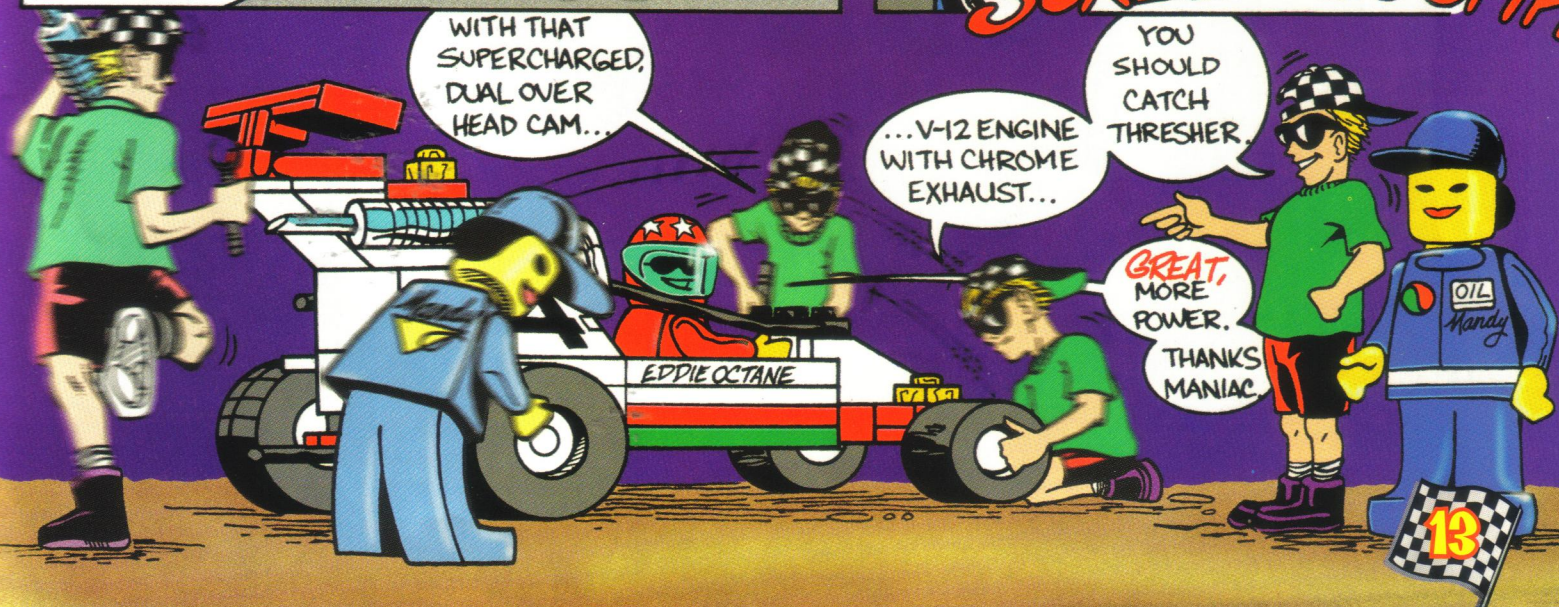


THRESH
ER'S
PROPELLERS
SHRED INDY'S
TIRES.

NOBODY
CAN CATCH
ME NOW.

I GUESS
NICE GUYS DO
FINISH LAST.

SCREEECCH



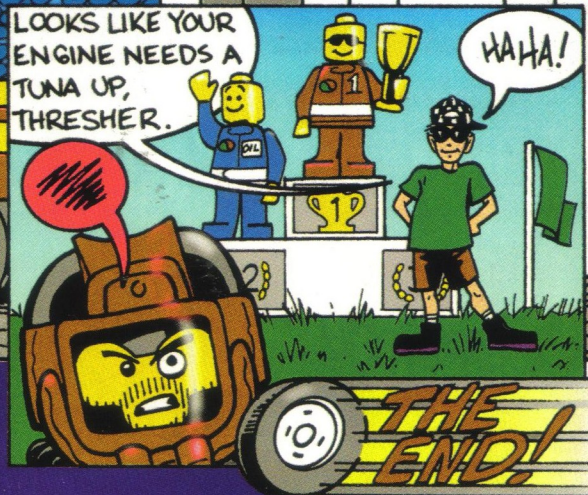
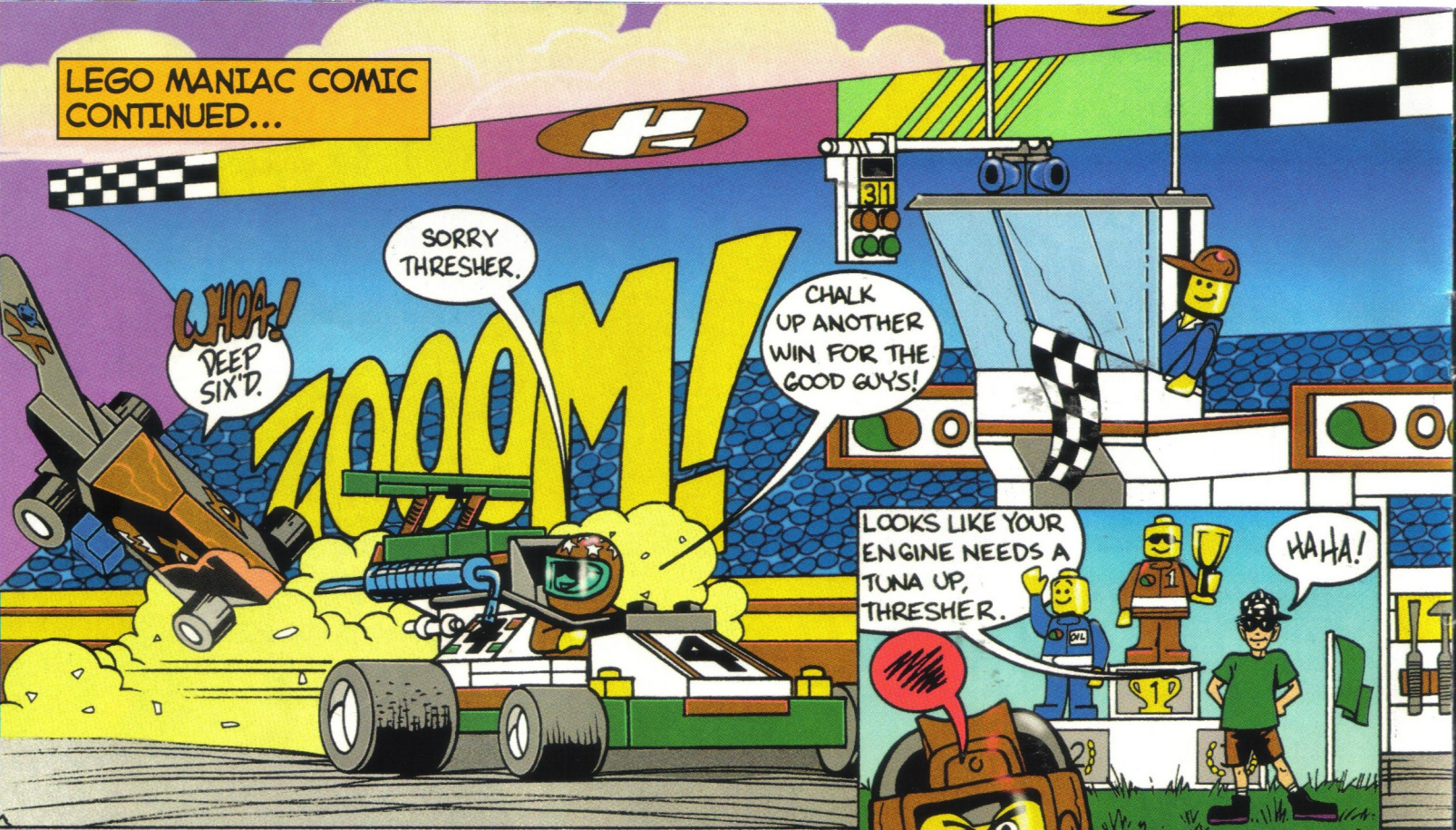
WITH THAT
SUPERCHARGED,
DUAL OVER
HEAD CAM...

...V-12 ENGINE
WITH CHROME
EXHAUST...

YOU
SHOULD
CATCH
THRESH
ER.

GREAT,
MORE
POWER.
THANKS
MANIAC.

13



TECH TIPS

Factoid: The U.S. Navy had a hydrofoil that went 57 miles an hour on water!



LEGO Technic

Hot Hydrofoil Racing Action!



Includes instructions to build 2 awesome models -- including a cool helicopter!



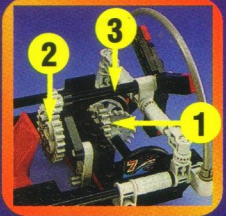
Steering wheel rotates.



Propeller spins when model rolls.



Steering wheel lifts so driver can get in.



Imagine the #8223 Hydrofoil cutting through the waves with its spinning propeller. It's easy -- just roll and go. So what makes the propeller turn? According to LEGO Model Designer, Allen, "The key is the crown gear -- the one with the pointy teeth that looks like a crown." **1** The crown gear sits on the axle at the back of the Hydrofoil. When you roll the Hydrofoil, the wheels turn the crown gear. **2** Then the crown gear turns a few other gears and axles **3** until the propeller shaft turns. And the faster you roll the Hydrofoil, the faster the prop spins. Allen says the propeller spins about three times faster than the wheels.

Instructions are also included to make a helicopter. The awesome copter model has a built-in crank to turn the blades, or if you get tired of cranking your whirlybird, you can add #8720 Power Pack (sold separately) to spin the blades for you.

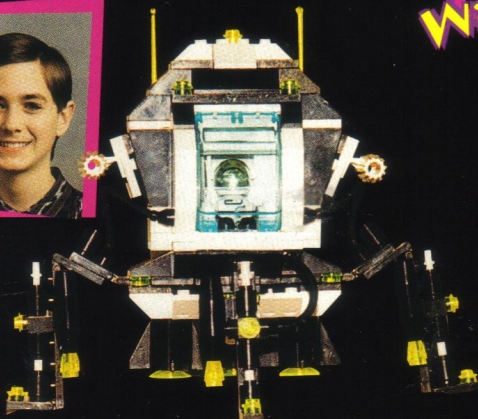
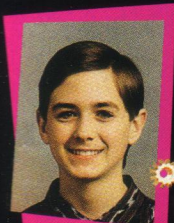




MANIACS!
Space is the place
for the coolest
building ideas!

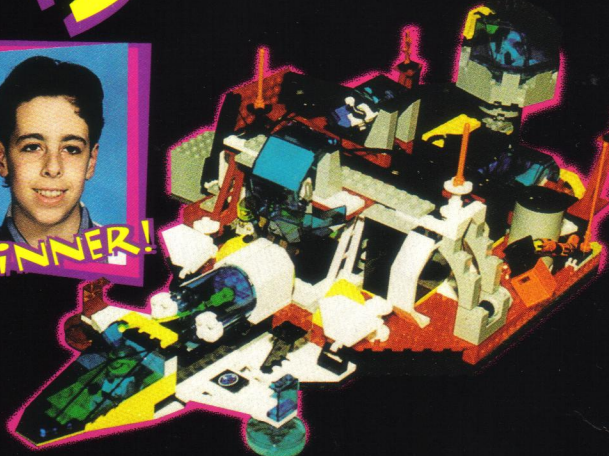


Meet the 6 finalists of the LEGO Space Challenge Building Contest and check out the models that helped bring them to the final build-off at Space Center Houston on Saturday, April 13, 1996! And the Grand Prize winner is... Scott Buxbaum! Scott will see a real space shuttle launch at Kennedy Space Center in Florida this summer! Congratulations to everyone who participated in the Space Challenge!



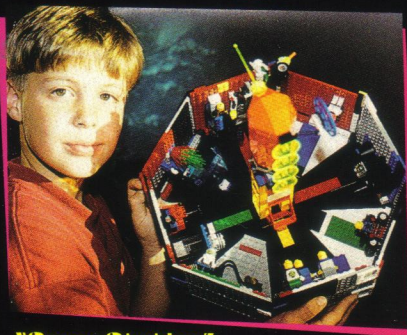
"Space Jumper"

Adam Carey, Age 12, Pennsylvania
After watching the movie, *Apollo 13*, Adam decided to build something that traveled to the moon and planets. If his model could really fly, he'd take off to the moon and see what's up there.



"Space Station/Spaceship"

Scott Buxbaum, Age 13, New York
Scott built his Grand Prize model in just 2 hours at the National Build-Off. His model is a combination Space Station/Spaceship with two motors. One motor makes the station's tower spin. The other motor is built into a car that comes down a ramp and out of the station! Plus, you can detach the sleek spaceship from the front of the station.



"Space Station"

Nathan Bergsma, Age 9, California
Nathan built an eight-sided space station like the space station in the movie, *2001: A Space Odyssey*. He thinks it would be fun to live in his space station and do some space walking.



"X3-9000"

Cameron Crummett, Age 11, North Carolina
Cameron took the design of a walker from *Return of the Jedi* and improved it so it is less vulnerable to attacks from Ewoks and other alien creatures.

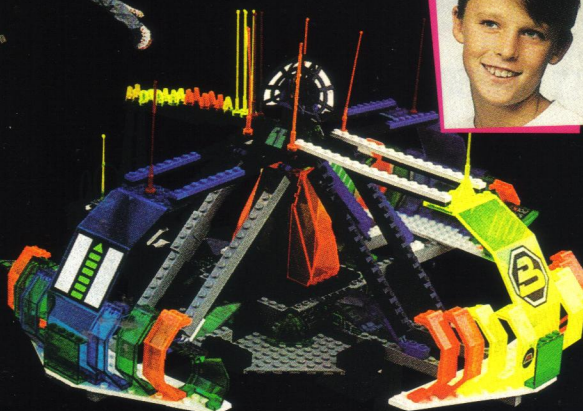


"Space Walker: Alpha Omega 2"

Mike Essig, Age 12, Oregon
Mike is a big fan of outer space. Basing his model on a walker from *Return of the Jedi*, Mike kept building until his model could fly. Like an Explorin, Mike would use his vehicle to explore the stars up close.

"Space Station"

Zachary Schapel, Age 11, California
Zachary decided to create a space station for the contest. He would like to take his space station on a voyage to Venus and see what the Venusians are up to.



Winners at Space Challenge Build-Off

Front Row, left to right
Cameron Crummett, Zach Schapel, Scott Buxbaum, Adam Carey, Mike Ellig, Nathan Bergsma.

Back Row, from left to right
Ken Reightler (Shuttle Astronaut), Dirk Vande Beek (Space Center Houston—SCH), Richard Allen (SCH), Pete Conrad (Apollo Astronaut), Gene Kranz (Apollo 13 Flight Director), Francie Berger (LEGO Model Designer).

*Contest winners were between ages 5 and 12 as of 12/31/95.



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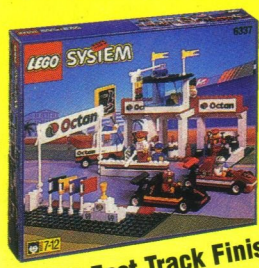


Please Note:
LEGO models
not included
with puzzle.

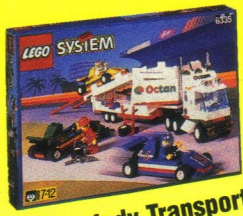


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