

Carl Dreher Personal HO Slot Car Collection Auction

In Conjunction with the HOPRA 50th Annual National Championship Races

Wednesday, June 18th – Saturday, June 21st, 2025

The Bertram Conference Center, Aurora, OH

Amazing HO slot car items from the personal collection of HOPRA founder, Carl Dreher, will be available at auction as part of the Golden Anniversary HOPRA nationals. Each of the items in the lots comes directly from Carl, and he will be available on site to share the specifics of his collection. Featured will be HO slot cars, custom bodies and more from Carl's racing years in the late 1960s and early 1970s when he was the HOCCI National Champion and the first HOPRA Champion, winning the first two seasons of Indiana HOPRA in 1969 and again in 1970. Carl Dreher wrote promotional and "how to" articles across the span of slot car publications of his times, including Car Model, Model Car Science, Auto World and Miniature Auto Racing. Each publication in the auction contains an article authored by Carl and he will be available to sign the items for the winning bidders.

Auction specifics:

- This will be a silent auction
- Bidders will be assigned their HOPRA membership numbers to use anonymously to bid on lots during the auction by making written entries on the auction table sheets for each specified lot. HOPRA memberships will be available for the usual amount for non-HOPRA members wishing to bid on auction lots.
- There will be bid minimums for each auction lot
- Detailed photographs of each lot will be displayed to review – actual items will not be publicly shown for security reasons
- All proceeds from the auction will be donated to the St. Jude's charity drive through the HOPRA annual drive at the nationals and made possible by the generosity of Mr. Dreher. In addition, Carl will also match the auction total proceeds amount to St. Jude's, effectively doubling the donation fund from the auction to St. Jude's.
- Winners must be present at the awards dinner on Saturday evening
- This is a cash only auction

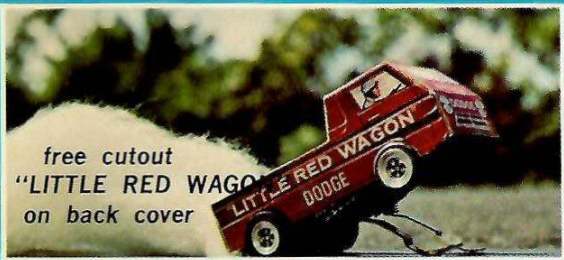
LOT #	Item	Quantity	Description	Minimum Bid
1	Auto World Speed Secrets	1	Seminal articles and photos featuring Pat Dennis & Carl Dreher	\$15
2	Lot of publication all containing Carl Dreher articles	6 or more	Iconic "Dreher Tames the Tycopro" cover headline banner & article - autographed	\$25
3	Lot of publication all containing Carl Dreher articles	6 or more	Iconic "Dreher Tames the Tycopro" cover headline banner & article - autographed	\$25
4	Dreher Floating Pan T-Jet racer plus unpainted clear Porsche body	1	Carl Dreher build HOPRA race car from the early 1970s	\$125
5	Dreher Stock-class T-Jet Ford GT	1	Winning Carl Dreher car from early Car Model T-Jet mail-in races	\$25
6	Dreher Stock-class T-Jet Ford X500	1	Winning Carl Dreher car from early Car Model T-Jet mail-in races	\$25
7	Dreher -made Vac-U-Form bodies: 3 painted, 2 clear	5	1 Ford NASCAR, 1 Can-Am with driver, 1 GT, 2 clear	\$25
8	Dreher -made Vac-U-Form bodies: 3 painted, 1 clear	4	1 Ford NASCAR, 1 Can-Am. with driver, 1 wing body, 1 clear	\$25
9	Dreher T-Jet based dragster, and T-Jet based HOT ROD, for drag racing	2	Early Carl Dreher drag builds	\$50
10	Dreher customized bodies: no chassis	2	Ford Mustang with opening hood and detailed interior, ambulance body with hinged rear post	\$50
11	Dreher-painted Atlas based bodies	2	Atlas-based Allard and orange T-Jet Chevy stocker	\$50
12	RARE HO slot car from the collection of Carl Dreher	1	Atlas: Indy-type racer	\$60
13	RARE HO slot car from the collection of Carl Dreher	1	Atlas: Lola GT	\$60
14	RARE HO slot car from the collection of Carl Dreher	1	Mimic: Aston Martin DB6	\$75
15	RARE HO slot car from the collection of Carl Dreher	1	Wrenn: Cooper formula 152	\$100

HO racing speed secrets

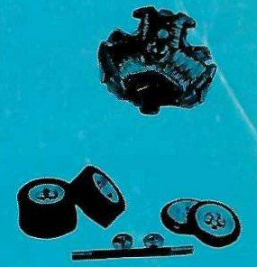
HO SCALE

SPECIAL!

**SPEED SECRETS
BY HOCCI CHAMPIONS!**



free cutout
"LITTLE RED WAGON"
on back cover



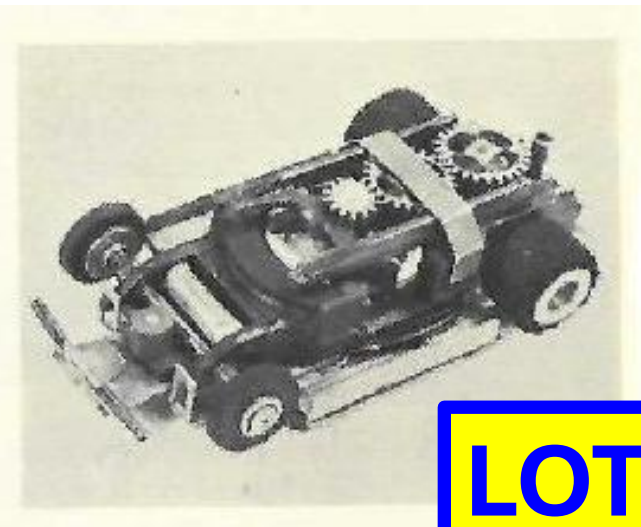
by
JERRY BROZ

Seminal articles and photos featuring Pat Dennis & Carl Dreher

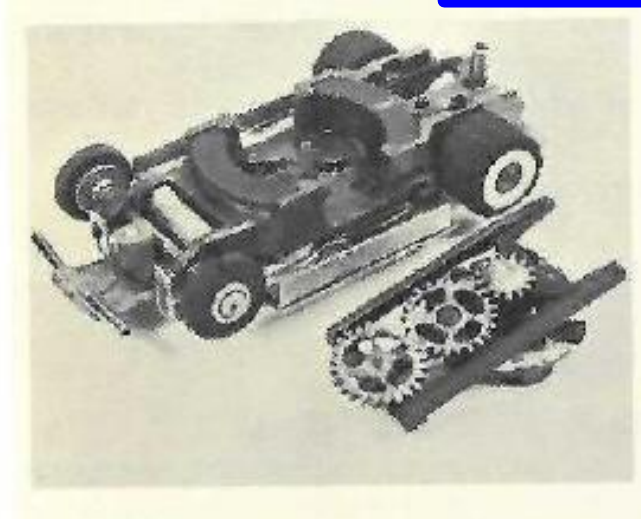
Chapter 15 Speed secrets
by HOCCI Champions

HO SPEED SECRETS

by Carl Dreher



LOT #1



At present, three types of HO slot tracks are used for racing. First are the small, two-lane, home-type tracks, set up on the living room floor. Second are the small club tracks, usually consisting of no more than four lanes, mounted on a four-by-eight platform. Both of these are twisty tracks, and have a minimum of straights.

The third type is that at the large-club or commercial level, usually having six or more lanes, plenty of power, and long chutes with wide corners. These are the tracks most national meets are held on — such as the CAR MODEL Indianapolis series, and are the type we shall concern ourselves with in building a car.

There are four fundamental principles that any HO car (or any slot car, for that matter) is built around. These are:

- I. Aim for a handling car, not a heavy car.
- Isolate vibration.
- Gear for response.
- Reduce all unnecessary mass.

is discuss these principles:

for a handling car, not a heavy car

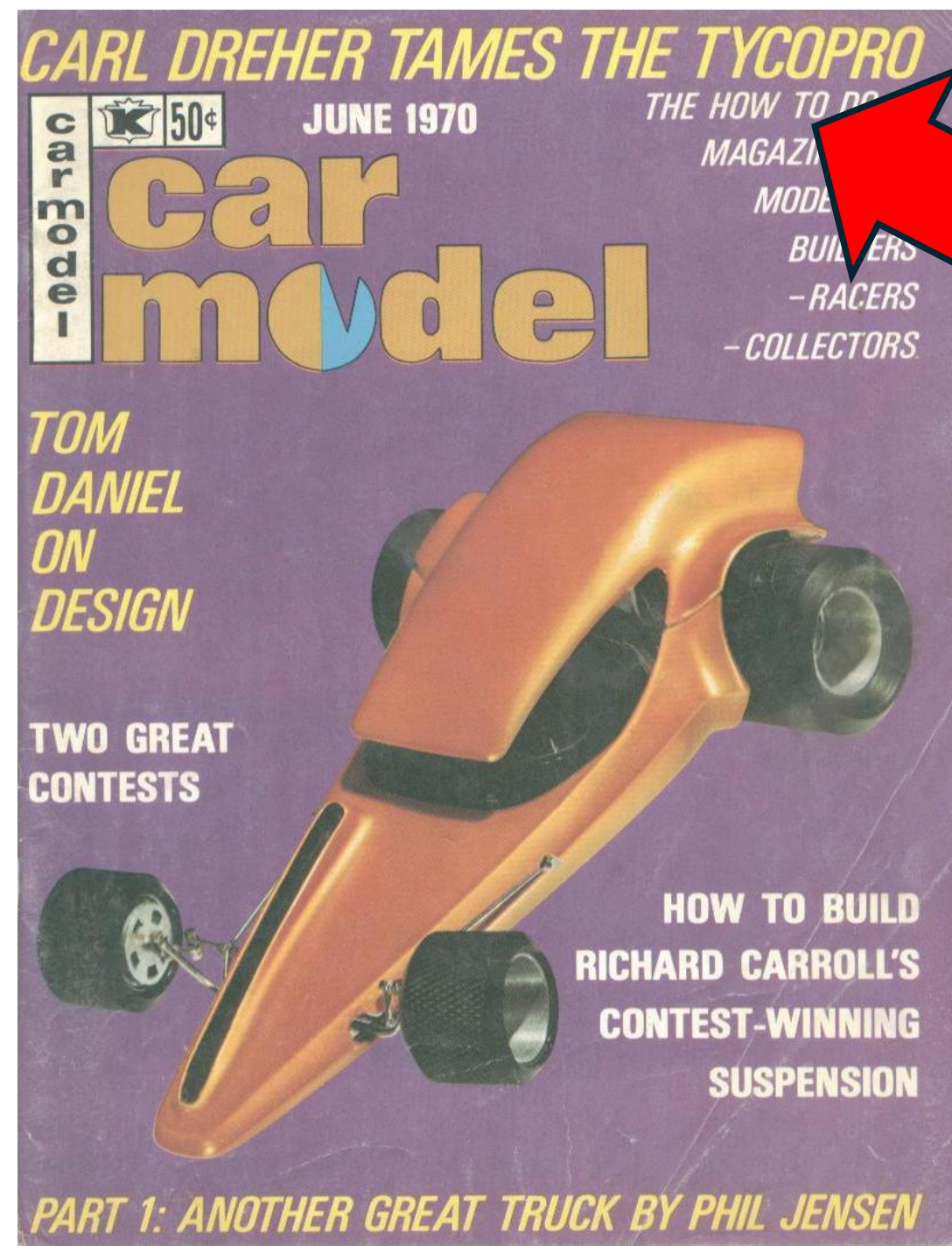
If all there was to building a great-handling car was to add weight, everyone would merely glue lead to his car's chassis and pick a new hobby. The truth is, of course, that the amount of "handling weight" is limited by the power of the motor. Furthermore, handling is determined largely not by weight alone, but by its position. The ideal slot car would have all its weight in the lowest possible position, thus requiring a minimum of acceleration-robbing extra weight. This concept has number one priority, and is of utmost importance when constructing the chassis.

II Isolate vibration

Unless you run on a hand-routed track, your HO racer is plagued by the many joints between the sections of commercial track. Each little bump reduces the efficiency and handling of the car and must, therefore, be dampened. This concept applies particularly to tires.

III. Gear for response

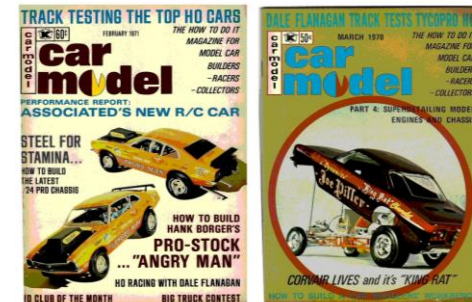
Any car has a maximum speed at which it can take a corner. Since the motor is geared to the wheels, which propel the car, the motor also has a maximum speed around the same corner. Gearing high — at 1.5:1, say — results in the motor



Autographed June 1970 Car Model

LOT #2

**Six or more in-
period slot car
magazines with
HO & HOPRA
content all
written by Carl
Dreher**

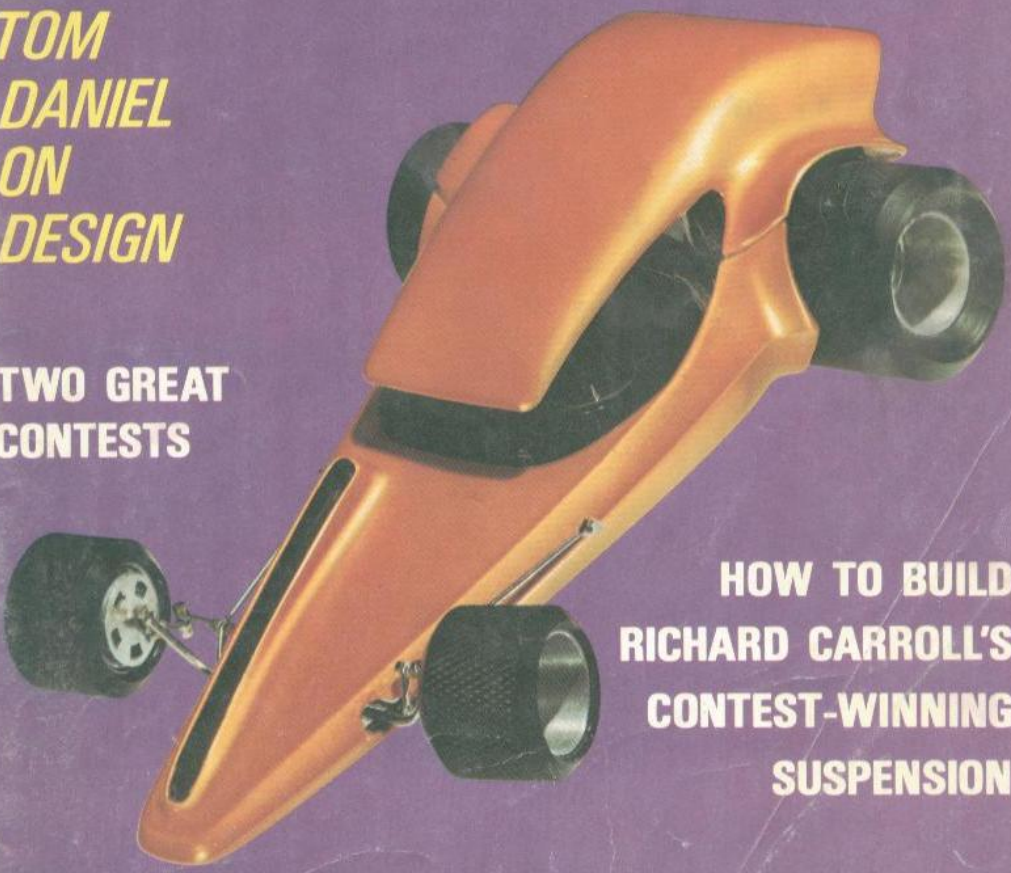


CARL DREHER TAMES THE TYCOPRO

car model
JUNE 1970
50¢
THE HOW TO DO
MAGAZINE
MODELS
BUILDERS
-RACERS
-COLLECTORS

TOM DANIEL ON DESIGN

TWO GREAT CONTESTS



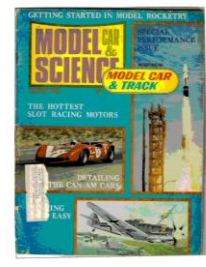
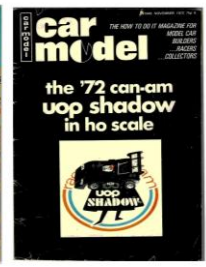
HOW TO BUILD RICHARD CARROLL'S CONTEST-WINNING SUSPENSION

PART 1: ANOTHER GREAT TRUCK BY PHIL JENSEN

**Autographed
June 1970 Car Model**

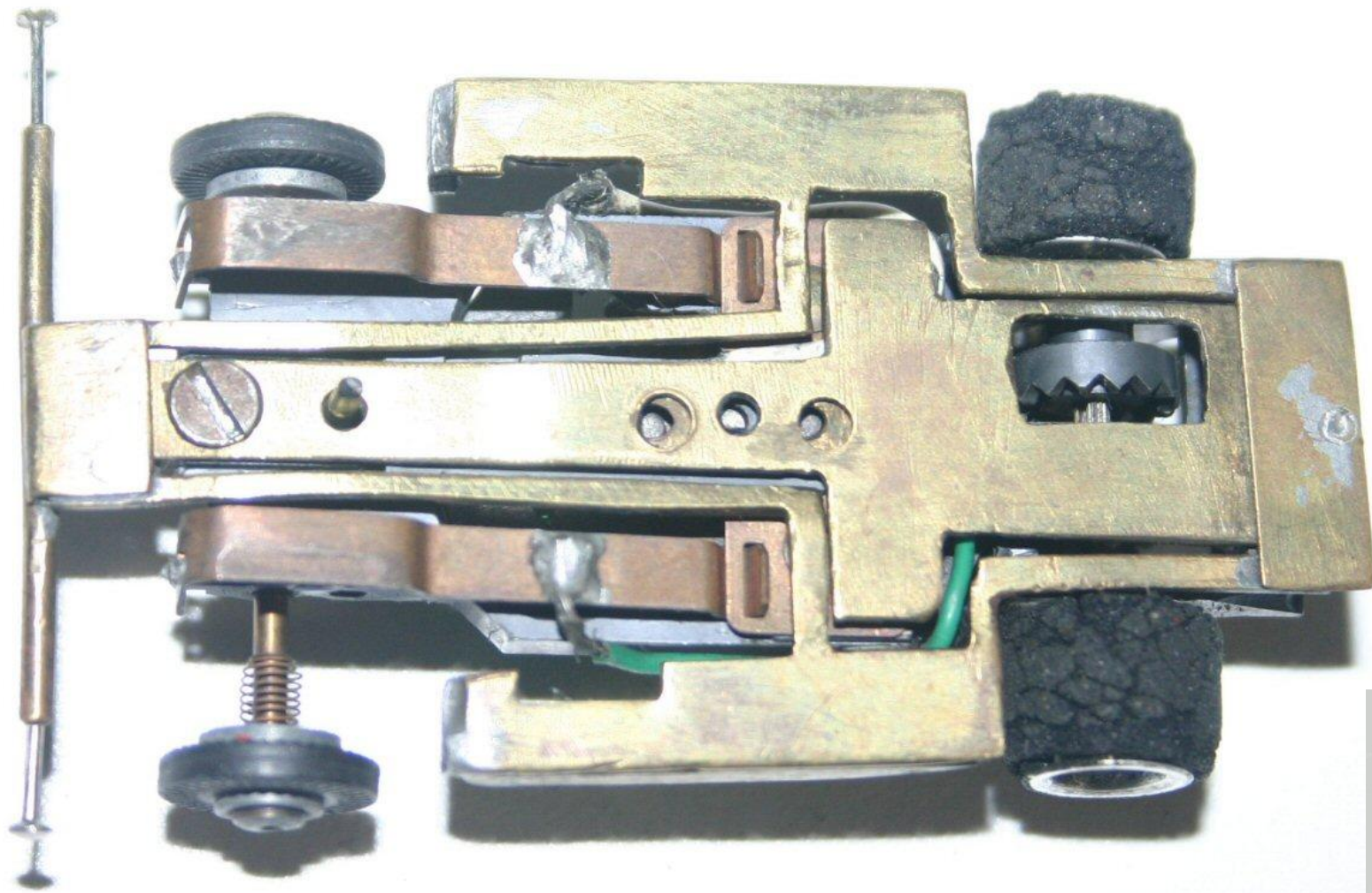
LOT #3

Six or more in-period slot car magazines with HO & HOPRA content all written by Carl Dreher



LOT #4

***Dreher Floating Pan T-
Jet racer plus unpainted
clear Porsche body***

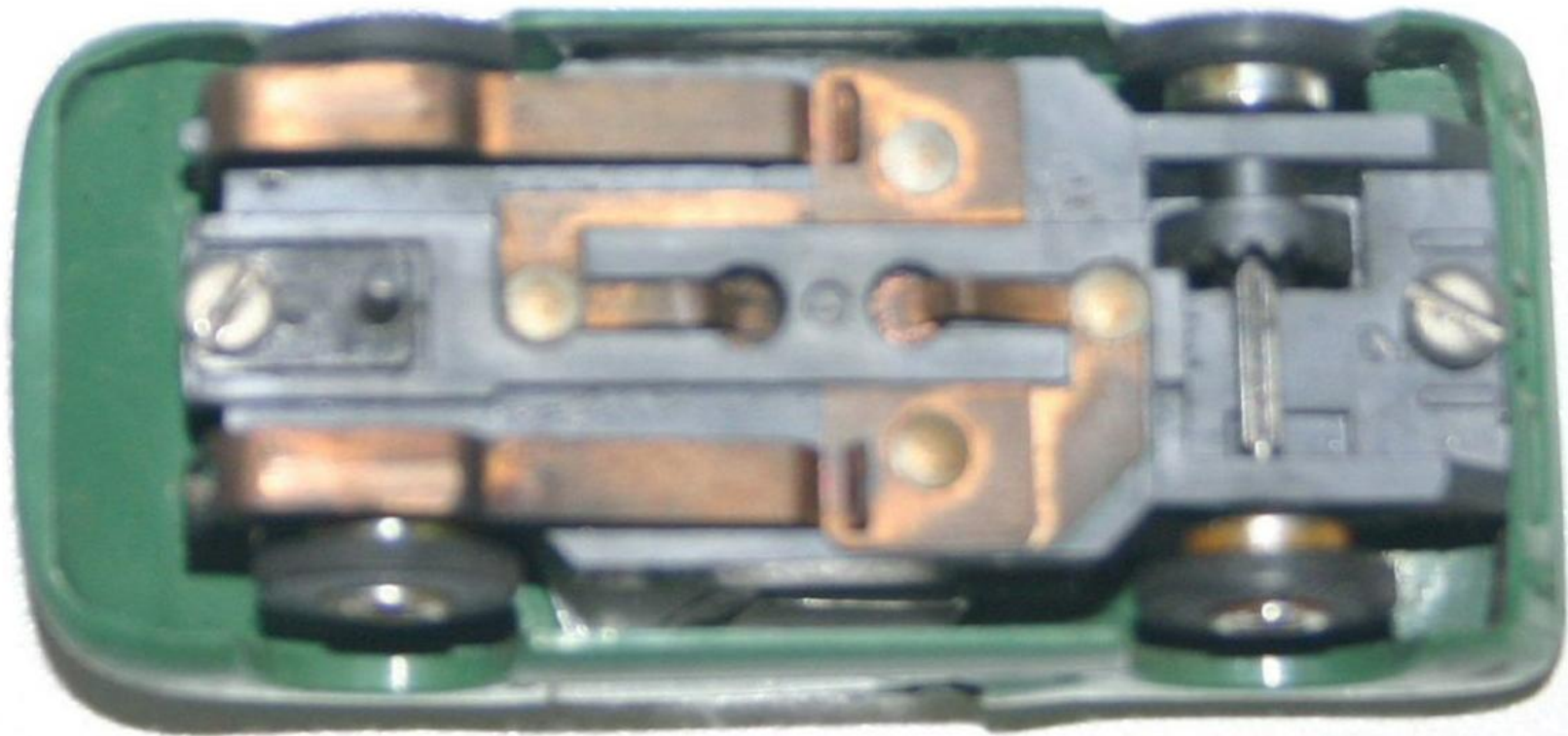


***Carl Dreher build
HOPRA race car
from the early 1970s***





LOT #5

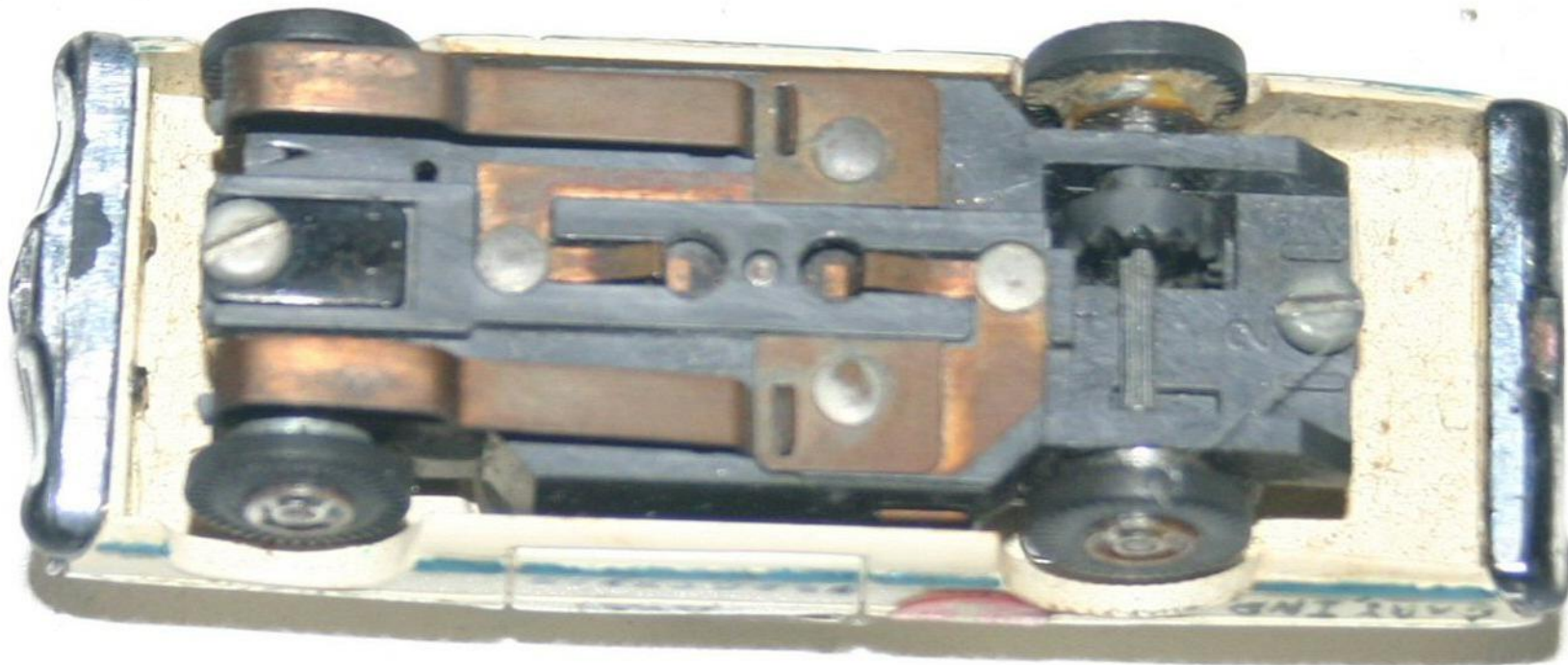


Dreher Stock-class T-jet Ford GT

***Winning Carl Dreher car from early
T-Jet Car Model mail-in races***

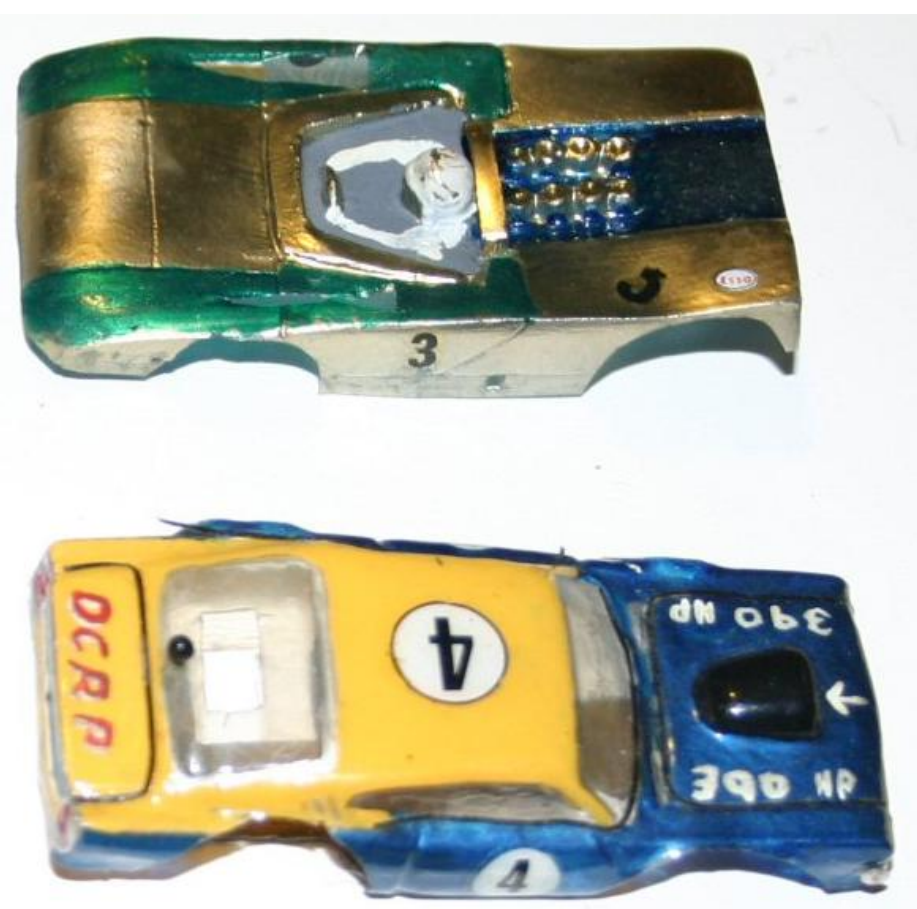


LOT #6



Dreher Stock-class T-jet Ford X500

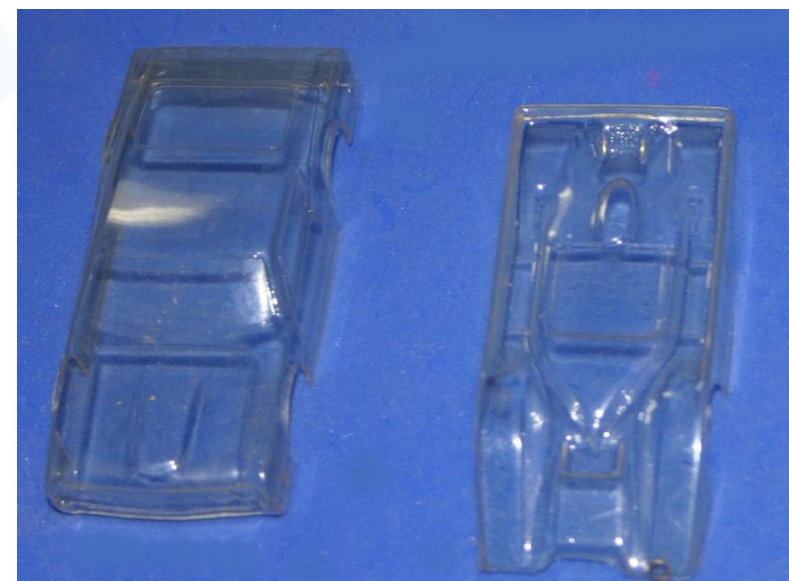
**Winning Carl Dreher car from early
T-Jet Car Model mail-in races**



***Dreher-made Vac-U-Form
bodies: 3 painted, 2 clear***

LOT #7

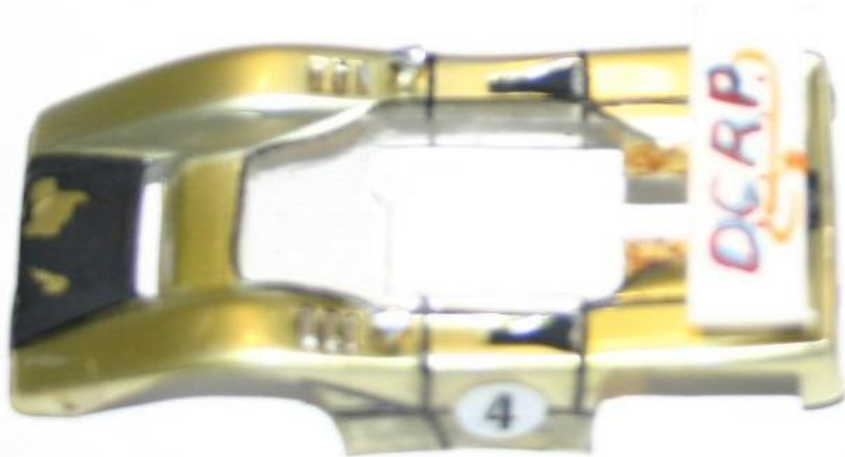
***1 Ford NASCAR, 1 Can-
Am with driver, 1 GT***





***Dreher-made Vac-U-Form
bodies: 3 painted, 1 clear***

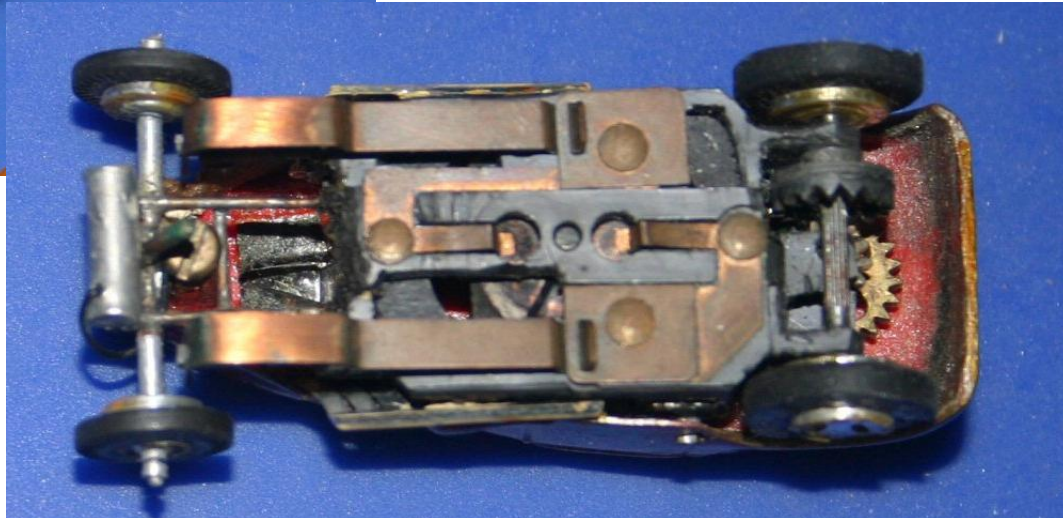
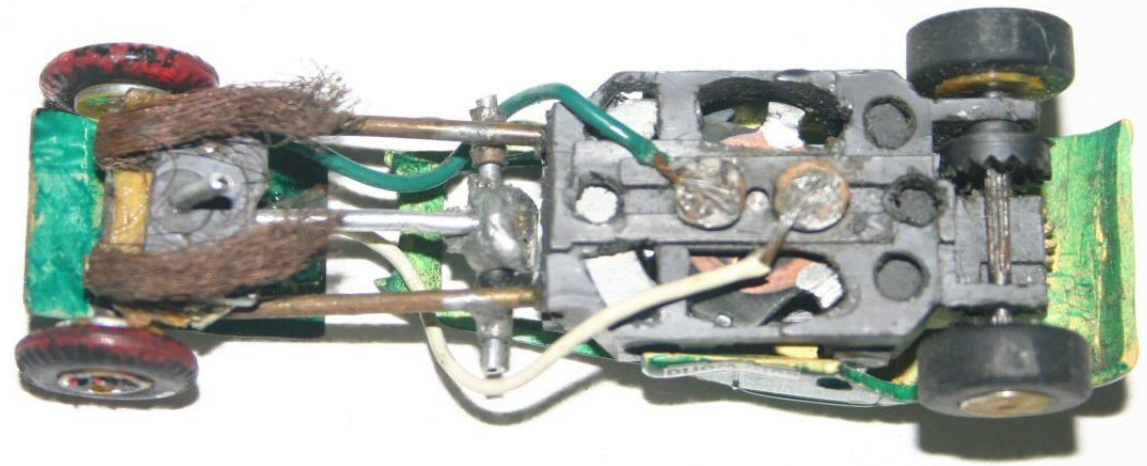
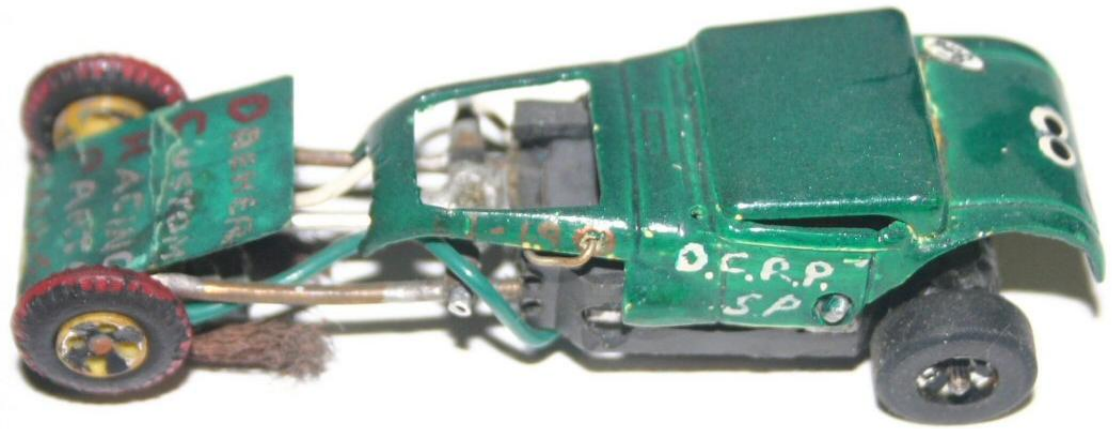
LOT #8



***1 Ford NASCAR, 1
Can-Am with driver, 1
wing body***



***Dreher T-Jet based
dragster, and T-Jet based
HOT ROD, for drag racing***

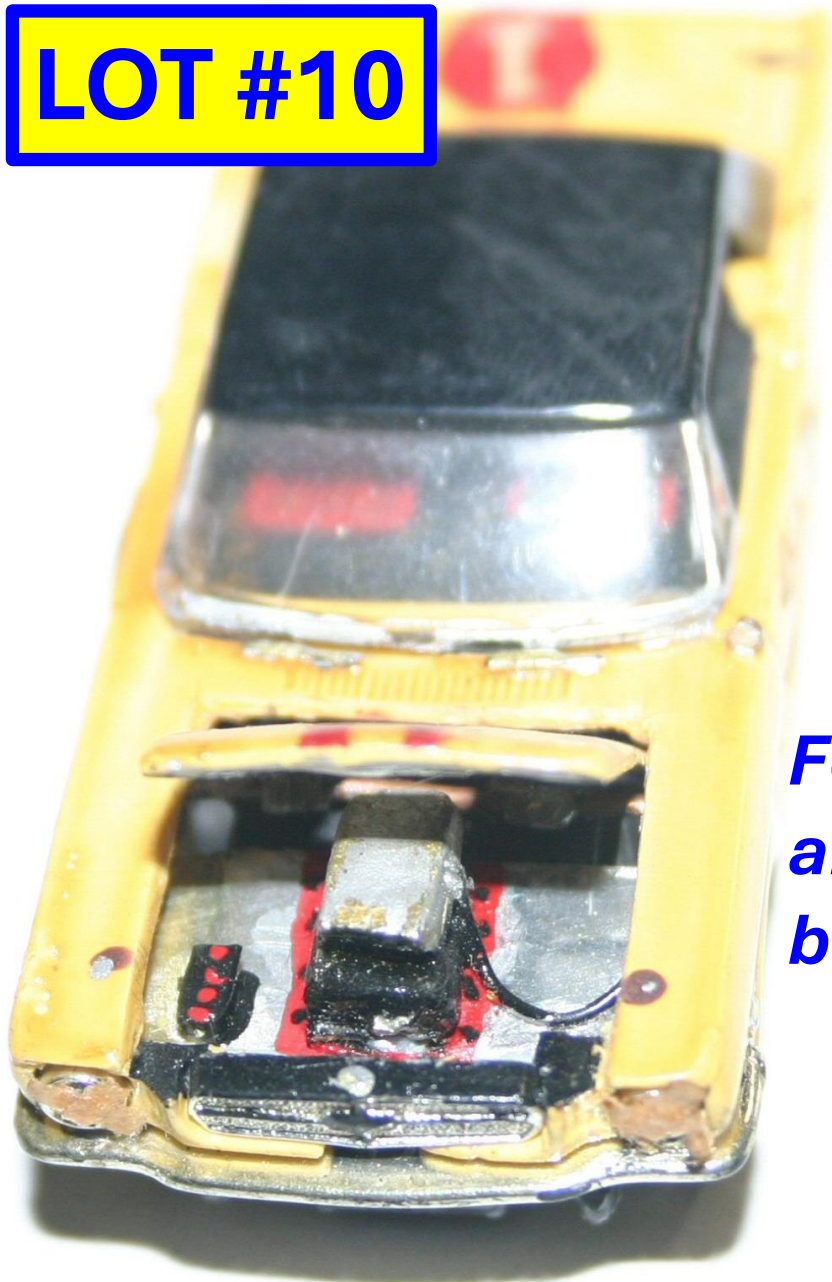


LOT #9

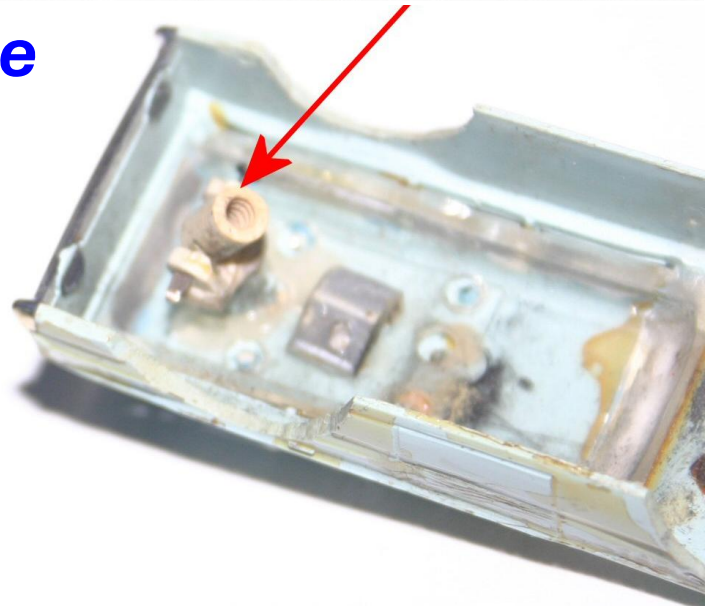
***Early Carl Dreher
drag builds***

LOT #10

*Dreher customized
bodies: no chassis*



*Ford Mustang with opening hood
and detailed interior, ambulance
body with hinged rear post*

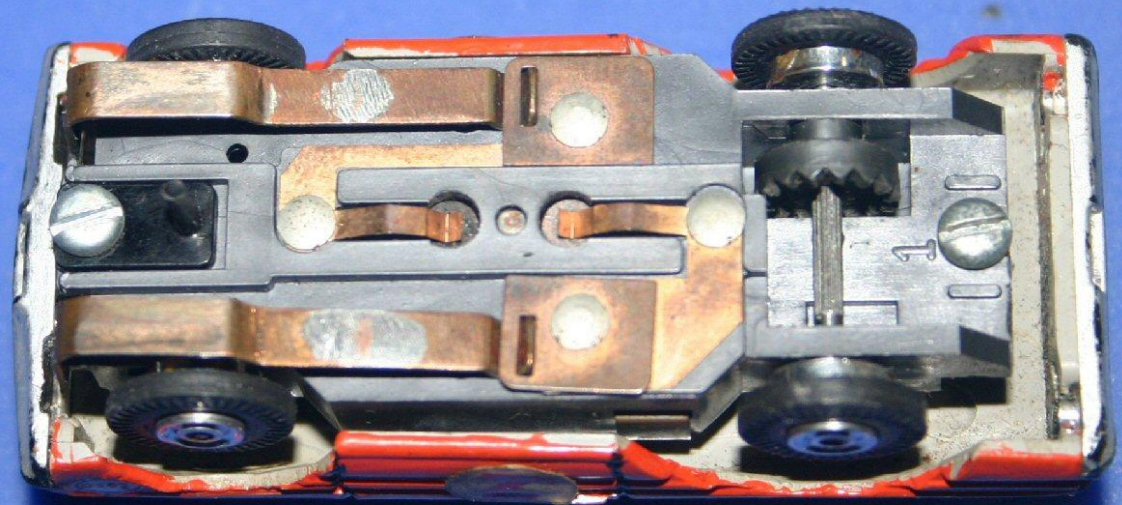




LOT #11

*Atlas-based Allard
and orange T-Jet
Chevy stocker*

*Dreher-painted
Atlas based bodies*



***RARE HO slot car from the
collection of Carl Dreher***

LOT #12

Atlas: Indy-type racer



***RARE HO slot car
from the collection
of Carl Dreher***

LOT #13

***Atlas:
Lola GT***



***RARE HO slot car from the
collection of Carl Dreher***

LOT #14

Mimic: Aston Martin DB6



LOT #15



**Wrenn:
Cooper
formula 152**

***RARE HO slot car
from the collection
of Carl Dreher – with
original packaging***

