



5215 So. Boyle Ave.  
Los Angeles, California 9005  
Telephone: (213) 588-7111  
Contact: Allene McCrary  
Donn Silvis

THE TALON MR-1 CARRIES NORRIS  
COLORS INTO 5000 SERIES

The new American built Talon MR-1 combines high maneuverability, competitive horsepower, and innovations in engine design that give it unexcelled stability.

The Norris Talons were built by owner-manager-chief mechanic Jack McCormack in his newly established McCormack Racing Enterprises of San Juan Capistrano, California, and then exhaustively tested by Sam Posey. Lowering of the engine pan centimeters closer to the floor has produced a lower center of gravity and greater dynamic stability. A corresponding lowering of the nose has revised the Talon's aerodynamic profile enough to reduce drag and increase the car's stability.

Major Specifications for the Talon MR-1 Formula 5000 Racing Car:

Engine:

Type . . . . .	Chevrolet V-8
Displacement . . . . .	305 cu. in. (5 liters)
Bore and stroke . . . . .	4.020 in. x 3 in.
Compression ratio . . . . .	11.5 to 1
Bhp @ rpm . . . . .	500 @ 7,200
Torque @ rpm . . . . .	395 ft. /lb. @ 5,500
Carburation . . . . .	Lucas fuel injection
Type of fuel used . . . . .	High grade premium gasoline
Cooling system (water) . . . . .	Twin radiators mounted alongside tub just behind front wheels
Cooling system (oil) . . . . .	Twin radiators mounted behind rear bulkhead

(more) . . .

Drive Train:

Transmission . . . . .	Hewland
Gears . . . . .	Four forward and reverse
Gear ratios . . . . .	Vary from track to track
Final drive, ring gear and pinion	3.3

Chassis and Body:

Chassis . . . . .	Talon MR-1
Body . . . . .	Aerodynamically formed fiberglass and aluminum
Brake type . . . . .	Lockheed discs, outboard front/inboard rear
Braking area, front . . . . .	10.15 in. dia. x .94 in. wide
rear . . . . .	10.15 in. dia. x .81 in. wide
Suspension, front . . . . .	Independent, rocker arm with inboard operated coil-shock units
Steering type . . . . .	Rack and pinion
Turns, lock to lock . . . . .	20 deg.
Wheels .. front . . . . .	13 in. dia. x 10.6 in. wide
rear . . . . .	13 or 15 in. dia. x 17.5 in. wide
Tires . . . . .	Goodyear racing tires
Chief Fabricator . . . . .	Tom Beauchamp

General Data:

Overall weight . . . . .	1,450 lbs.
Wheelbase . . . . .	102 in.
Overall length . . . . .	179 in.
Overhang, front/rear . . . . .	38 in./39 in.
Overall chassis width . . . . .	55 in.
Track, front/rear . . . . .	62 in./61 in.
Height to top of rollbar . . . . .	33.5 in.
Ground clearance, front . . . . .	3 in.
rear . . . . .	3.25 in.
Fuel capacity . . . . .	30 U.S. gallons
Fuel cell . . . . .	Goodyear, protected by 4 in. deformable structure