



Finding Aid for

**FORD MOTOR COMPANY  
1962 MUSTANG ROADSTER ENGINEERING DRAWINGS, 1962**

**Accession 2018.80**

Finding Aid Published: July 2018

Benson Ford Research Center  
The Henry Ford  
20900 Oakwood Boulevard · Dearborn, MI 48124-5029 USA  
[research.center@thehenryford.org](mailto:research.center@thehenryford.org) · [www.thehenryford.org](http://www.thehenryford.org)

## OVERVIEW

**REPOSITORY:** Benson Ford Research Center  
The Henry Ford  
20900 Oakwood Blvd  
Dearborn, MI 48124-5029  
[www.thehenryford.org](http://www.thehenryford.org)  
[research.center@thehenryford.org](mailto:research.center@thehenryford.org)

**ACCESSION NUMBER:** 2018.80

**CREATOR:** Ford Motor Company

**TITLE:** Ford Motor Company 1962 Mustang Roadster Engineering Drawings

**INCLUSIVE DATES:** 1962

**QUANTITY:** 2 cubic ft. (2 boxes)

**LANGUAGE:** The materials are in English.

**ABSTRACT:** Unprocessed collection of 25 technical drawings produced by Ford Motor Company showing various components of Ford's Experimental Sports Car, the Mustang Roadster of 1962 (now better known by the retronym Mustang I). The plans may have been used by Troutman & Barnes of Los Angeles, California, when that firm prepared the aluminum body for the working prototype.

## ADMINISTRATIVE INFORMATION

- ACCESS RESTRICTIONS:** This is an **UNPROCESSED COLLECTION** and has not yet been prepared for routine service (i.e. housed for safe handling, labeled, and cataloged). Access may be restricted in order to maintain physical and intellectual control, and is at the discretion of archives personnel. Researchers interested in access to unprocessed collections should contact Benson Ford Research Center staff to discuss collection availability.
- COPYRIGHT:** Copyright has been transferred to The Henry Ford by the donor. Copyright for some items in the collection may still be held by their respective creator(s).
- ACQUISITION:** Donated to The Henry Ford, 2018.
- RELATED MATERIAL:** Related material held by The Henry Ford:  
- 1962 Mustang I Roadster. Object ID 74.57.1. Additional information online  
<https://www.thehenryford.org/collections-and-research/digital-collections/artifact/253045>
- PREFERRED CITATION:** Item, folder, box, accession 2018.80, Ford Motor Company 1962 Mustang Roadster Engineering Drawings, Benson Ford Research Center, The Henry Ford
- PROCESSING INFORMATION:** Collection rehoused for storage by Brian Wilson, June 2018.
- DESCRIPTION INFORMATION:** Original collection inventory list prepared by Brian Kutscher, June 2018.
- Finding aid written by Brian Wilson, June 2018, and published in July 2018.
- Finding aid prepared using Describing Archives: A Content Standard (DACS) and local guidelines.

## CONTAINER LIST

<b>Box no.</b>	<b>Description</b>
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### Box 1

	Frame Layout (Layout Number: LRR-21685), 1962 (Full scale; drawing marked "C+D" and "Preliminary / Unchecked")
	Layout-Frame, Sheet 1 of 2 (Layout Number: LRR-21685), 1962 (Full scale; drawing marked "C")
	Untitled, 1962 (Layout of bracket and frame details; full scale; drawing marked "C+D" and "Preliminary-Unchecked")
	Clutch Geometry & Assembly (Layout Number: LRR-21686), 1962 (Description: "3/4 Dia Master Cylinder & 3/4 Dia Slave Cylinder"; full scale; drawing marked "S")
	Seat Bucket Interference Proposed Clearance Layout (Layout Number: LRR-21701), 1962 (Description: "Clearance Proposal"; full scale)
	Clutch Geometry & Assembly (Layout Number: LRR-21686), 1962 (Description: "3/4 Dia Master Cylinder & 3/4 Dia Slave Cylinder"; full scale; drawing marked "S")
	Styling / Interior, 1962 (Drawing marked "H"; full scale)
	Check Chassis - Plan View, Sheet 2 of 3 (Layout Number: LRR-21684), 1962 (Full scale; drawing marked "B")
	Frame Layout (Layout Number: LRR-21685), 1962 (Full scale; drawing marked "D")
	Untitled, 1962 (Rear left 3/4 cut-away view of body)
	Untitled, 1962 (Front right 3/4 cut-away view of body)
	Mustang - Revised Tail Light Assembly, 1962 (Single 11x17 inch sheet)
	Inner Sheet Metal & Body Mounting, Sheet 1 of 3 (Layout Number: LRR-21693), 1962 (Description: "Plan View & Sections"; full scale)
	Inner Sheet Metal & Body Mounting, Sheet 2 of 3 (Layout Number: LRR-21693), 1962 (Description: "Side View & Sections"; full scale)
	Inner Sheet Metal & Body Mounting, Sheet 3 of 3 (Layout Number: LRR-21693), 1962 (Description: "Side View & Sections"; full scale)
	Mustang (Layout Number: A5-6562), 1962 (Full scale; drawing marked "G")
	Inner Sheet Metal & Body Mounting, Sheet 1 of 2 (Layout Number: LRR-21693), 1962 (Drawing marked "Plan View & Sections" and "E")
	Inner Sheet Metal & Body Mounting, Sheet 2 of 2 (Layout Number: LRR-21693), 1962 (Drawing marked "Side View & Sections" and "E")
	Lower Instrument Panel Support Bracket, undated
	Retracting License Plate (Layout Number: LRR-21707), 1962 (Description: "Mechanism to Hold & Operate License Plate & Cover Door"; full scale)
	Headlamp Installation (Layout Number: LRR-21714), 1962 (Description: "Mounting & Actuating Mechanism for Retracting Lights"; full scale)
	Advanced Studio Mustang (W-301) Hidden Headlamp, 1962 (Full scale)
	Frame Layout (Layout Number: LRR-21685), 1962 (Full scale)
	Untitled, 1962 (Rear left 3/4 cut-away view of body; drawing marked "F")
	Untitled, 1962 (Front right 3/4 cut-away view of body showing spare tire area; drawing marked "F-1")

## Box 2

- Clutch - Brake & Accelerator Pedals (Layout Number: LRR-21690), 1962 (Full scale; drawing marked "P")
- Check Chassis - Plan View, Sheet 2 of 3 (Layout Number: LRR-21684), 1962 (Full scale; drawing marked "B")
- Clutch - Brake & Accelerator Pedals (Layout Number: LRR-21690), 1962 (Full scale; drawing marked "P")
- Steering - August Show Car (Layout Number: LRR-21687), 1962 (Description: "Rack & Pinion Geometry & Linkage Layout Neutral Steer"; full scale; drawing marked "O")
- Steering - August Show Car (Layout Number: LRR-21687), 1962 (Description: "Rack & Pinion Geometry & Linkage Layout Neutral Steer"; full scale; drawing marked "O")
- Safety Harness Installation (Layout Number: LRR-21705), 1962 (Full scale; drawing marked "U")
- Door - Hinge & Latch Structure (Layout Number: LRR-21707), 1962
- Transmission Controls - Mustang (Layout Number: LRR-21704), 1962 (Description: "Transmission Shift-Choke-Horn-Turn Signal and Handbrake Mechanism"; full scale; drawing marked "V")
- Door Hinge & Latch Structure (Layout Number: LRR-21707), 1962 (includes extensive hand text and sketch mark-up)
- Door Hinge & Latch Structure (Layout Number: LRR-21707), 1962 (Drawing marked "W")
- Check Chassis - Plan View, Sheet 2 of 3 (Layout Number: LRR-21684), 1962 (Description: "Rear Cardinal Engined Sports Car 90" Wheelbase"; full scale; drawing marked "X" and "Radiator Hose Routing")
- August Sports Car (Layout Number: LRR-21684), 1962 (Description: "Side View Check Chassis Layout; full scale; drawing marked "A")
- Fuel Tank - Spare Tire & Battery (Layout Number: LRR-21691), 1962 (Full scale; drawing marked "R")
- Fuel Tank - Spare Tire & Battery (Layout Number: LRR-21691), 1962 (Full scale; drawing marked "R")
- Cooling System - August Sports Car (Layout Number: LRR-21692), 1962 (Full scale; drawing marked "Q")
- Cooling System - August Sports Car (Layout Number: LRR-21692), 1962 (Full scale; drawing marked "Q")
- Front Suspension (Layout Number: LRR-21689), 1962 (Description: "Installation of S.L.A. Suspension with 48" Tread"; full scale; drawing marked "M")
- Front Suspension (Layout Number: LRR-21689), 1962 (Description: "Installation of S.L.A. Suspension with 48" Tread"; full scale; drawing marked "M")
- Rear Suspension (Layout Number: LRR-21688), 1962 (Description: "Installation of 4 Link Independent with 49" Tread"; full scale; drawing marked "N")
- Rear Suspension (Layout Number: LRR-21688), 1962 (Description: "Installation of 4 Link Independent with 49" Tread"; full scale; drawing marked "N")
- August Sports Car (Layout Number: LRR-21684), 1962 (Description: "Side View Check Chassis Layout"; full scale; drawing marked "A")
- Layout - Frame, Sheet 1 of 2 (Layout Number: LRR-21685), 1962 (Full scale; includes hand-marked changes)