

# COLLISION REPAIR INFORMATION

## FOR THE TOYOTA DEALER

TITLE: BODY SHOP SUGGESTED TOOL,  
EQUIPMENT AND MATERIALS LIST

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SECTION: TOOLS AND EQUIPMENT BULLETIN #23

MODELS: ALL TOYOTA MODELS

DATE: MARCH 1988



In our continuing effort to improve the repair quality, efficiency, productivity and ultimately the profitability of Toyota Body Shops, we have developed the following suggested minimum Tool, Equipment and Materials List.

This list includes the basic necessities for a body shop which performs “typical” repairs. It is recommended that a body shop have these items readily available in the quantities indicated in this bulletin to meet the suggested size and volume needs of the particular shop. Additional tools, equipment and materials may be required for repairs that are considered “non-typical” or for individual situations.

Within the sections of this bulletin, you will find descriptions of the suggested items and also the recommended quantity of such items for the size and volume of your body shop. For purposes of simplification, the size of a shop, as defined for this bulletin, is determined by the number of productive workers including paint and body personnel.

1. Literature
2. General Equipment
3. Hand Tools
4. Power Tools
5. Air Equipment
6. Welding Equipment
7. Lift and Support Equipment
8. Frame or Unibody Alignment Equipment
9. Painting Equipment
10. Chemicals
11. General Supplies

**NOTE: PLEASE ROUTE THIS BULLETIN TO THE BODY SHOP MANAGER, SERVICE MANAGER OR THE PERSON RESPONSIBLE FOR COLLISION REPAIR INFORMATION!!**

AND MATERIALS LIST (cont'd)

**BODY SHOP TOOL, EQUIPMENT AND MATERIALS LIST**

DESCRIPTION	SIZE OF SHOP (# of Persons)				
	4	6	12	16	20

**1. Literature**

All Collision Related Toyota Service Bulletin Sets	1	1	1	1	1
All Collision Repair Information Bulletin Sets	1	1	1	1	1
All Current Service Manuals for Each Model	1	1	1	1	1
All Toyota Collision Repair Manual Sets	1	1	1	1	1
Fundamentals of Collision Repair (Toyota)	1	1	1	1	1
Fundamentals of Painting Procedures (Toyota)	1	1	1	1	1
Mitchell or Equivalent Body Manual Sets	1	1	1	1	1

**2. General Equipment**

Battery Charger (dual stage)	1	1	1	1	1
Bench Grinder 7" (with wire brush)	1	1	1	1	1
Cabinet – Tool Storage (tools & supplies)	1	2	3	4	5
Cord Lamp (recoil type)	6	10	16	18	22
Creeper 1	2	4	6	8	10
Drain Pan	2	2	4	5	6
Extension Cord (3 wire HD #12 wire)	1	3	4	6	7
Face Shields	4	6	12	16	20
Fire Extinguisher *	*	*	*	*	*
Gasoline Tanker (drain & refill)	1	1	1	1	1
Grease Gun (optional)	1	1	1	1	1
Jumper Cables (H.D.)	1	1	1	1	1
Locker – Employees	4	6	12	16	20
Plastic Covers for Seat Covers (set)	2	3	5	7	9
Pressure Washer for Dirt Removal (optional)	1	1	1	1	1
Repair Order Rack	2	2	2	2	2
Stud Welder (optional)	2	2	2	2	2
Vacuum Cleaner – Wet/Dry (commercial duty)	1	1	2	2	2
Vise (5–6 in. jaws)	2	2	4	6	8
Washer Welder (optional)	2	2	2	2	2
Waste Container	1	3	4	5	7
Water Bucket (plastic 2–3 gallon)	1	2	3	4	6
Water Can for Radiator	1	1	2	3	4
Work Bench	3	4	6	8	10

**NOTE:** \* Check local fire codes for types and number of extinguishers needed.

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**3. Hand Tools**

Blow Gun	4	6	6	8	10
Body Files (full assortment sets)	3	4	6	6	7
Body Hammers (full assortment sets)	4	5	9	10	11
Body Line Chisel	1	2	2	2	3
Body Spoons (full assortment)	3	3	4	4	4
Caulking Gun (pneumatic optional)	1	2	2	2	2
Dent Puller Rods (sets)	2	2	3	4	4
Dollies (full assortment set)	4	5	10	12	14
Drill Bits (full assortment sets)	1	1	2	2	2
Easy Out Screw and Bolt Extractor Set	1	1	1	1	1
Hemming Flange Tool	1	1	1	1	1
Hole Saw 1-1/16", 2-1/2", 3-1/2"	1	1	1	1	1
Mechanics Tool Set (full assortment)	3	4	5	6	7
Moulding Removal Tool	1	1	2	2	2
Pop Rivet Gun	1	1	2	2	2
Pry Bar Assortment	1	1	2	2	2
Sand Paper Finishing Blocks	4	6	12	16	20
Sheet Metal Cutters (left & right)	4	6	12	16	20
Slide Hammer	2	2	2	2	2
Soldering Gun (high amp for leading holes)	1	2	4	6	8
Spot Weld Drill Out Tool	1	2	2	3	4
Surform Plastic Filler File (assortment)	3	5	8	10	12
Tape Measure	4	6	12	16	20
Tire Pressure Gauge	1	1	2	2	2
Tap and Die Set	1	1	1	1	1
Tubing Cutter & Double Flaring Tool	1	1	1	1	1
Vacuum Cup (for pulling dents)	1	2	3	4	4
Vise Grip "C" Clamp Pliers (assorted sets)	5	6	8	12	14
Vise Grip Welding Pliers (assorted sizes in sets)	2	3	4	6	8
Window Crank Removing Tool	1	1	1	1	1
Wire Brush	4	6	12	16	20

**4. Power Tools (Electric)**

Buffer/Polisher (dual speed)	2	3	4	4	5
Drill Motor 1/4" HD	1	1	1	1	1
Drill Motor 3/8" HD	1	1	1	1	1
Drill Motor 1/2" HD	1	1	1	1	1

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**5. Air Equipment**

Air Compressor 5 h.p.	1	1	–	1	–
Air Compressor 10 h.p.	–	–	1	1	2
Air Hammer (with assorted chisels)	2	2	3	4	4
Air Hose 5/16" ID 25 ft.	2	3	6	8	10
Air Hose 5/16" ID 50 ft.	3	5	8	10	12
Air Ratchet 3/8"	2	3	5	6	8
Air Regulator and Filters	2	4	8	10	12
Air Sander (dual action)	2	3	5	7	9
Disc Grinder Cut Off Tool	1	2	2	2	3
Drill Motor 1/4" HD (air)	1	1	2	3	3
Disc Sander (portable)	3	4	6	8	9
Impact Wrench 3/8" (butterfly)	2	4	4	5	5
Impact Wrench 1/2"	2	4	4	–	–
Power File/Sander	3	5	7	9	11
Sand blaster (optional)	1	1	1	1	1
Spray Gun (body shutz material)	1	1	1	1	1

**6. Welding Equipment**

Gas Welding/Cutting Outfit w/Cart	1	2	2	2	2
Mig Welder	1	1	1	1	2
Spot Welder (optional)	1	1	1	1	1
Welding Goggles	1	2	2	2	2
Welding Hood	1	2	2	2	2

**7. Lift and Support Equipment**

Floor Jack 1–2/1 ton	2	2	3	4	4
Four Wheel Alignment System	1	1	1	1	1
Hand Jack (bottle type)	1	1	2	3	4
Hoist (in ground)	1	2	3	3	3
Safety Stands (5–ton in pairs)	3	5	8	10	12

**8. Frame or Unibody Alignment Equipment**

Unibody Alignment Rack (bench)	1*	1*	1	1	2
Floor Pots	1**	1**	1**	1**	2**

**NOTE:**

\* May not be necessary for minor repairs such as minor sheet metal repairs (bolt on type panels).

\*\* May be used in lieu of a bench system, however, the bench system is the preferred method.

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**9. Painting Equipment**

Air Hose 5/16" ID 35 ft. (spray booth)	2	2	3	3	3
Air Purifier (for air hoses)	2	2	3	3	3
Bank of Drying Lamps (infra-red)	1	2	3	4	4
Cabinets, Wall Type for Paints	2	4	6	7	8
Masking Unit (portable)	1	1	2	2	3
Oilless Compressor (painter's breathing air)	1	2	3	3	3
Paint Shaker	1	1	2	2	2
Respirators (NIOSH & OSHA approved)	2	2	3	3	3
Spray Booth (down draft)	1	1	1	2	2
Spray Prep Stations (down draft)	1	2	3	3	3
Spray Gun (primer)	2	2	3	3	3
Spray Gun (top coat color)	2	3	3	3	3
Spray Gun (touch-up)	1	2	2	2	2
Wheel and Tire Masking Ring	1	1	1	1	1

The following chemicals and supplies are also required in sufficient quantities:

**10. Chemicals**

- Body Filler, Body Putty
- Body Seam Sealer
- Butyl Rubber (tube)
- Car Wash Detergent (not laundry detergent)
- Catalyst Hardener for Enamel
- Glass Cleaner
- Metal Conversion Coating
- Metal Etch Cleaner
- Paint Stripper
- Paints (general)
- Polish (hand and machine)
- Primers (self-etching and filling type)
- Reducers
- Rubber Dressing
- Rubbing Compound (full assortment)
- Sealers (paint)

BODY SHOP SUGGESTED TOOL, EQUIPMENT  
AND MATERIALS LIST (cont'd)

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Silicone, Wax and Grease Remover

Solvents

Thinners

Upholstery and Vinyl Cleaner

Wax (full assortment)

**11. General Supplies**

Car Washing Sponges

Dust Masks

Ear Plugs

First Aid Kit

Lead Body Filler (optional)

Rubber Gloves

Safety Goggles or Shields

Sand Paper

Shop Rags (white body shop type)

Shop Towels (white body shop type)

Tack Rags