

**Bumper performance in low-speed crash tests:
VEHICLE REPAIR COSTS**

	Front full	Front corner	Rear full	Rear corner	TOTAL DAMAGE
Mitsubishi Galant	\$929	\$1,138	\$1,048	\$1,162	\$4,277
Toyota Camry	\$936	\$1,467	\$1,480	\$1,028	\$4,911
Mazda 6	\$978	\$1,384	\$1,202	\$1,397	\$4,961
Ford Fusion	\$1,620	\$991	\$1,298	\$1,121	\$5,030
Volvo S40	\$2,252	\$1,306	\$802	\$1,240	\$5,600
Kia Optima	\$1,730	\$1,534	\$1,715	\$756	\$5,735
Saturn AURA	\$1,032	\$1,152	\$3,191	\$999	\$6,374
Nissan Altima	\$945	\$969	\$3,114	\$1,431	\$6,459
Chevrolet Malibu	\$1,268	\$1,610	\$2,542	\$1,226	\$6,646
Subaru Legacy	\$3,911	\$1,287	\$1,122	\$1,128	\$7,448
Chrysler Sebring	\$1,084	\$2,061	\$3,210	\$1,099	\$7,454
Hyundai Sonata	\$4,312	\$1,349	\$739	\$1,165	\$7,565
Honda Accord	\$3,469	\$1,169	\$2,767	\$605	\$8,010
Volkswagen Passat	\$4,594	\$1,544	\$982	\$1,139	\$8,259
Pontiac G6	\$4,588	\$1,183	\$1,638	\$1,510	\$8,919
Volkswagen Jetta	\$2,598	\$1,223	\$3,375	\$1,824	\$9,020
Nissan Maxima	\$4,535	\$1,732	\$1,787	\$997	\$9,051
1981 Ford Escort	\$86	\$0	\$383	\$0	\$469

Note: Sonata repair costs reflect reduced parts pricing, effective Jan. 2007

Fender Repair Cost Estimate

Yi-Tong Ma



Fender Repair Cost Estimate:

NCEL Technical Note ,1987 **Timber Piling Barrier and Chemical Preservation Annual Costs Comparison**
David E. Pendleton,Tom J. O'Neill,1987 Controlling marine borer damage of timber piling by chemical preservative systems
are compared with pile barrier systems **Automotive Repair Industry** United States. Congress. Senate. Committee on
the Judiciary. Subcommittee on Antitrust and Monopoly,1970 Investigates automobile repair business to determine if
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web trimyristin is the major triglyceride found in nutmeg representing 20-25% of the dried weight of ground nutmeg to extract the trimyristin we performed a solid liquid extraction using the organic solvent methylene chloride CH_2Cl_2

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web isolation of trimyristin from nutmeg purpose the purpose of this experiment is to isolate myristic acid from ground nutmeg seeds nutmeg seeds are extracted using CH_2Cl_2 to yield crude trimyristin then recrystallized to yield pure trimyristin which will be hydrolyzed and undergo esterification

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web read standard reflux on page 201 of the organic chem lab survival manual prelab question 1 trimyristin is a triglyceride what are triglycerides prelab question 2 how do microwaves heat microwave procedure add approximately 2-5 g of ground nutmeg record exact mass and 15 ml of diethyl ether to microwave vessel

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web trimyristin is found in the fixed oil of nutmeg the fixed oil comprises approximately 24 40 of the nutmeg seed trimyristin

comprises 73 of the fixed oil overall trimyristin should have percent recovery of 18 29 1 figure 1 shows how trimyristin is triester formed from the dehydration reaction between glycerol and myristic acid oh

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web in this lab trimyristin is extracted from ground nutmeg occurring in many vegetable oils as well as myristic acid trimyristin consists of long saturated hydrocarbon chains and it is relatively nonpolar thus using a relatively nonpolar solvent trimyristin can be easily extracted by the concept of like dissolves like

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web the desired components of solids are dissolved in a solvent then the remaining solid is filtered so that the selected element and solvent are left over in this lab the trimyristin was dissolved into the solvent and the remainder of the nutmeg was filtered out

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