

# VEHICLE DISMANTLING MANUAL

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# 2005



# CTS



GMP/05-D-ELV

# Cautions

Provide additional support when a vehicle is on a hoist in the following ways:

- Before removing parts, support the opposite end. This helps prevent the vehicle from slipping off.
- Before removing major components, chain the vehicle frame to the hoist pads at the same end as the removal. This helps avoid a tip-off.

Disconnect the battery prior to fluid removal and dismantling in order to reduce risk of fire and personal injury.

Always wear safety goggles when working with fuel in order to protect the eyes from splash.

Gasoline or gasoline vapors are highly flammable. A fire could occur if an ignition source is present. Never drain or store gasoline or diesel fuel in an open container, due to the possibility of fire or explosion. Have a dry chemical (Class B) fire extinguisher nearby.

Relieve the fuel system pressure before dismantling fuel system components in order to reduce the risk of fire and personal injury.

Drain the fuel from the complete system, including injector nozzle(s), the fuel pump, all fuel pipes, and the fuel tank. Draining the fuel will reduce the risk of fire and personal injury.

Provide proper ventilation when working with fuel in enclosed areas where fuel vapors can collect. The lack of adequate ventilation may result in personal injury.

This vehicle has a Supplemental Inflatable Restraint (SIR), “airbag” system. When performing disassembly on or near the SIR components or the SIR wiring, refer to cautions below. Failure to follow the cautions could cause airbag deployment or personal injury.

- Be careful when handling a SIR sensor. Do not strike or jolt a SIR sensor.
- Do not carry the inflator module by the wires or connector on the inflator module.
- Make sure the airbag opening points away from you.
- When storing an undeployed inflator module, make sure the airbag opening points away from the surface on which the inflator module rests.
- Provide free space for the airbag to expand in case of an accidental deployment.

Follow all applicable local laws and ordinances while performing procedures and processes related to these activities.

**The specifications and designs described herein are believed to be correct as of the time this book was approved for printing.**

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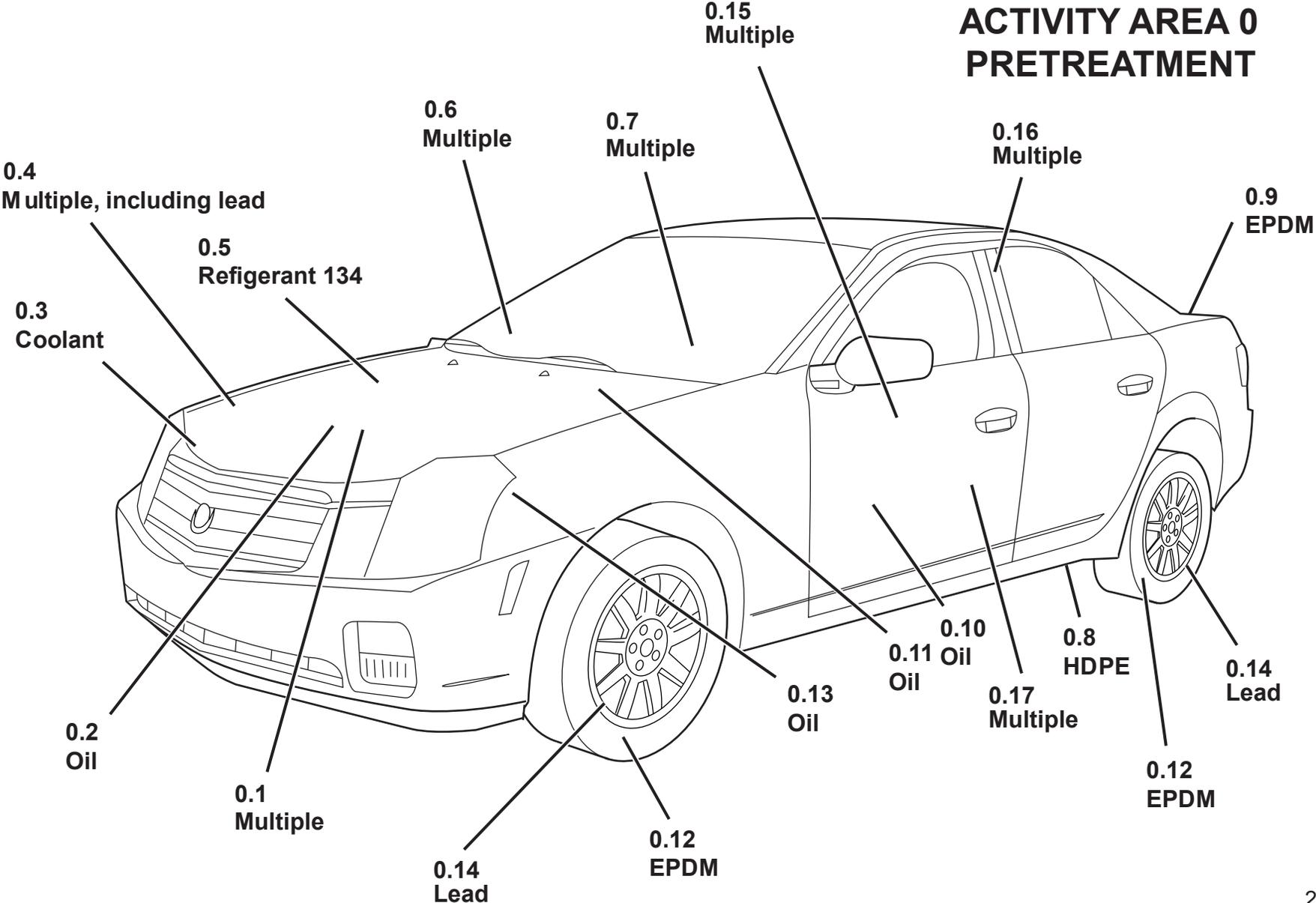
## INTRODUCTION

This manual contains dismantling data for the following vehicles:

<b>MODEL YEAR</b>	<b>MAKE</b>	<b>MODEL</b>	<b>VARIANT</b>	<b>ENGINE</b>	<b>TRANSMISSION</b>
2005	Cadillac	CTS	Sedan LHD	2.6L	5L40E/5M
2005	Cadillac	CTS	Sedan LHD	2.8L	5L40E/6M
2005	Cadillac	CTS	Sedan LHD	3.6L	5L40E/6M
2005	Cadillac	CTS	Sedan RHD	3.2L	5L40E
2005	Cadillac	CTS	Sedan RHD	3.6L	5L40E

# 2005 CTS

## ACTIVITY AREA 0 PRETREATMENT





# Dismantling Manual

## 2005 Cadillac CTS

### Activity Area 0 -- Pretreatment



Area: Pretreatment

Model: CTS

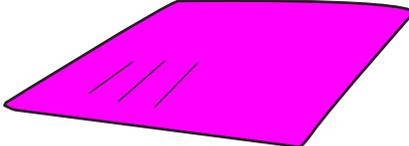
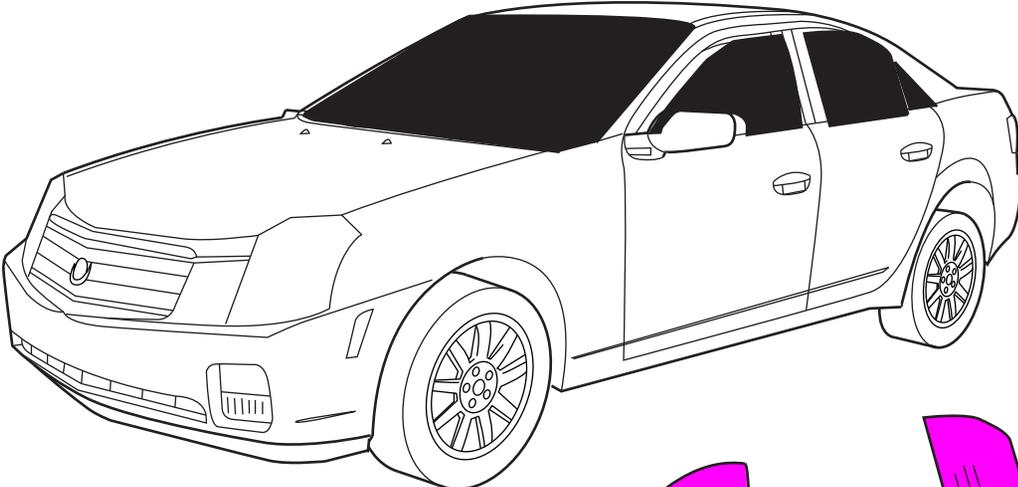
Activity Ref Area #	Part Name	Material	Qty	Total Volume or Weight
0.1	Engine oil filter	Multiple	1	0.84 kg
0.2	Engine oil	Oil		6.6 L
0.3	Coolant	Coolant		13.12 L
0.4	Battery	Multiple, including lead	1	16.4 kg
0.5	Refrigerant 134A	Refrigerant 134		0.8 kg
0.6	Passenger air bag	Multiple	1	3.77 kg
0.7	Driver side air bag	Multiple	1	1.33 kg
0.8	Fuel tank	HDPE	1	11.0 kg
0.9	Spare tire	EPDM	1	4.62 kg
0.10	Transmission oil	Oil		10.60 L
0.11	Brake fluid	Oil		0.50 L
0.12	Tires	EPDM	4	40 kg
0.13	Steering oil	Oil		1.0 L
0.14	Wheel weights	Lead	4	0.20 kg
0.15	Side air bag	Multiple	2	0.74 kg
0.16	Side curtain air bag	Multiple	2	0.84 kg
0.17	Seatbelt pre-tensioner	Multiple	2	0.62 kg

#### Information & Comments:

Total Volume or Weight = single part material multiplied by the quantity.

# 2005 CTS

## ACTIVITY AREA 1 DOORS AND GLAZING



1.1  
GLASS



1.2  
GLASS



1.3  
GLASS



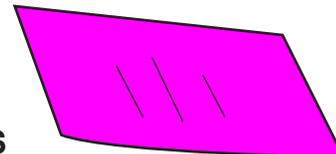
1.4  
GLASS



1.4  
GLASS



1.3  
GLASS



1.5  
GLASS



1.2  
GLASS





# Dismantling Manual

## 2005 Cadillac CTS

### Activity Area 1 -- Doors and Glazing



Area: Doors and Glazing

Model: CTS

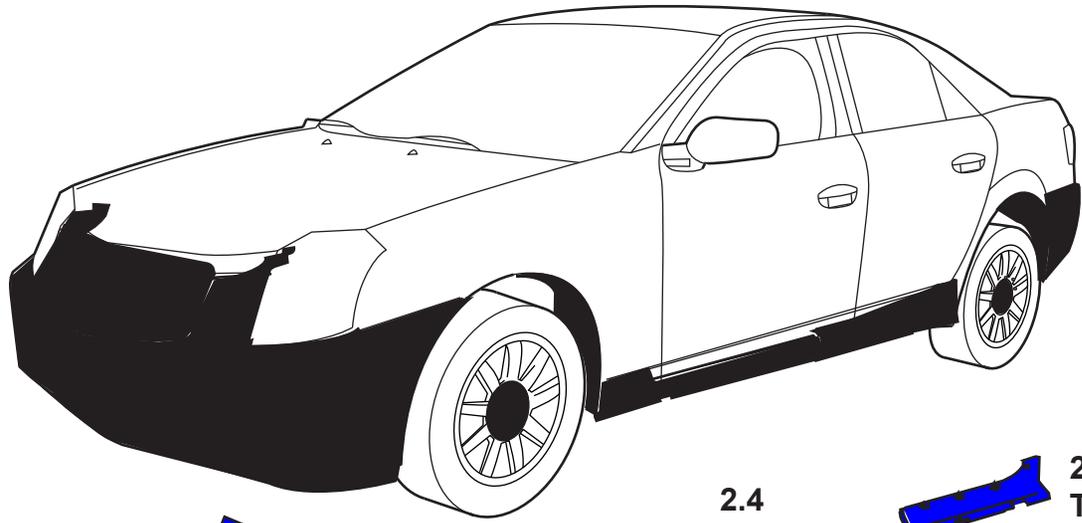
Activity Ref Area #	Part Name	Material	Qty	Total Material Weight (kg)
1.1	Windshield	Glass	1	15.60
1.2	Front door window	Glass	2	6.41
1.3	Rear side door window	Glass	2	4.92
1.4	Rear stationary glass	Glass	2	1.81
1.5	Rear window	Glass	1	9.50

**Information & Comments:**

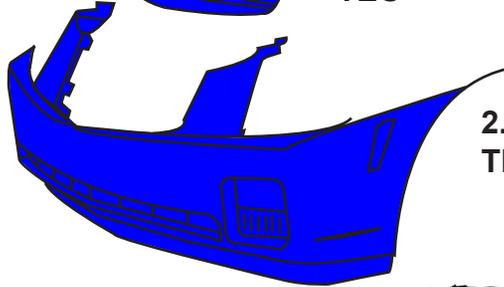
Total Material Weight = weight of single part material multiplied by the quantity.

# 2005 CTS

## ACTIVITY AREA 2 EXTERIOR TRIM



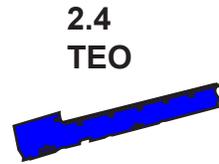
2.1  
TEO



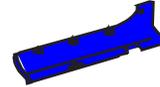
2.2  
TEO



2.3  
PP



2.4  
TEO



2.5  
TEO



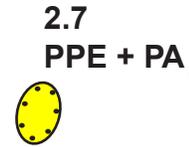
2.6  
PP



2.7  
PPE + PA



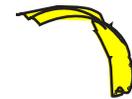
2.7  
PPE + PA



2.7  
PPE + PA



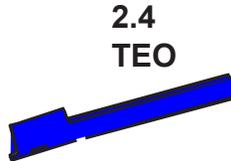
2.7  
PPE + PA



2.6  
PP



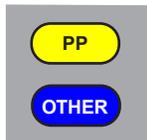
2.5  
TEO



2.4  
TEO



2.3  
PP





# Dismantling Manual

## 2005 Cadillac CTS

### Activity Area 2 -- Exterior Trim



Area: Exterior Trim

Model: CTS

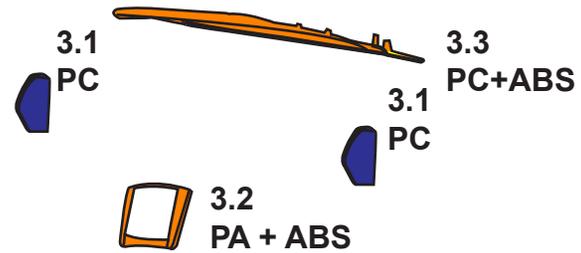
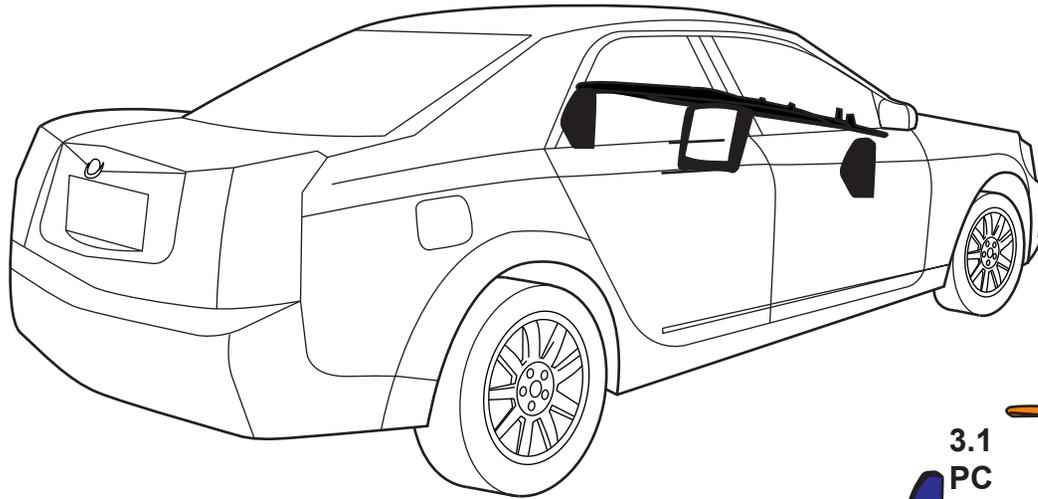
Activity Ref Area #	Part Name	Material	Qty	Total Material Weight (kg)
2.1	Grille	TEO	1	0.75
2.2	Front bumper fascia	PP	1	3.16
2.3	Front fender liner, lh, rh	PBT	2	1.41
2.4	Front rocker panel, lh, rh	TEO	2	1.91
2.5	Rear rocker panel, lh, rh	TEO	2	1.26
2.6	Rear fender liner, lh, rh	PP	2	1.06
2.7	Hub cap	PPE+PA	4	1.53
2.8	Rear bumper fascia	TEO	1	3.17

**Information & Comments:**

Total Material Weight = weight of single part material multiplied by the quantity.

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## ACTIVITY AREA 3 INSTRUMENT PANEL





# Dismantling Manual

## 2005 Cadillac CTS

### Activity Area 3 -- Instrument Panel



Area: Instrument Panel

Model: CTS

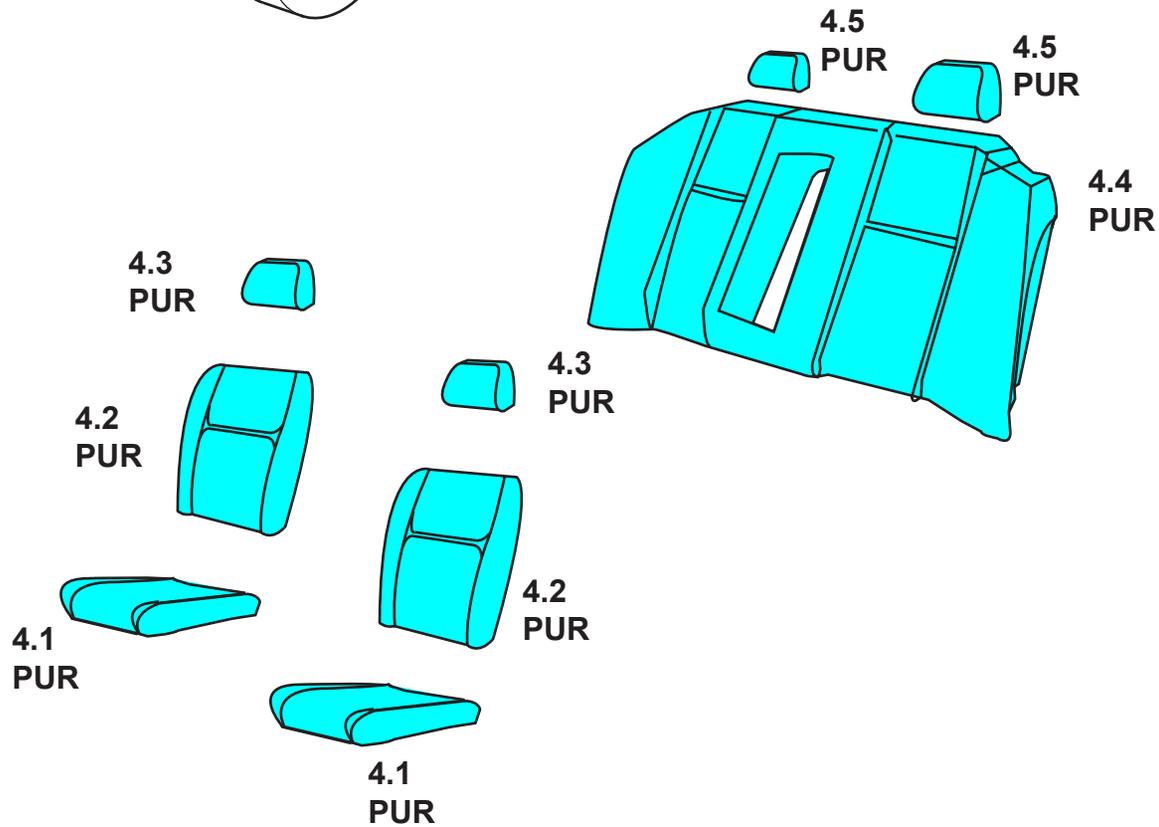
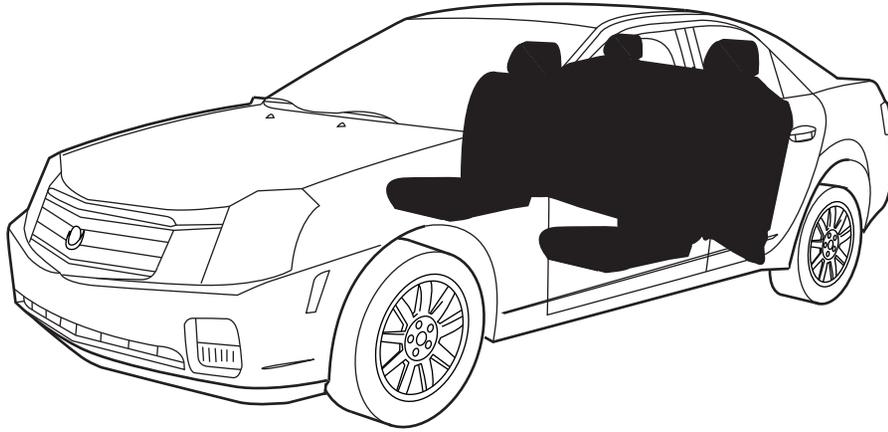
Activity Ref Area #	Part Name	Material	Qty	Total Material Weight (kg)
3.1	Dash end panel	PC	2	0.49
3.2	Radio bezel	PA+ABS	1	0.78
3.3	IP upper trim panel	PC+ABS	1	1.08

#### Information & Comments:

Total Material Weight = weight of single part material multiplied by the quantity.

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## ACTIVITY AREA 4 SEATING



PUR



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## 2005 Cadillac CTS

### Activity Area 4 -- Seating



Area: Seating

Model: CTS

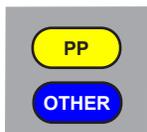
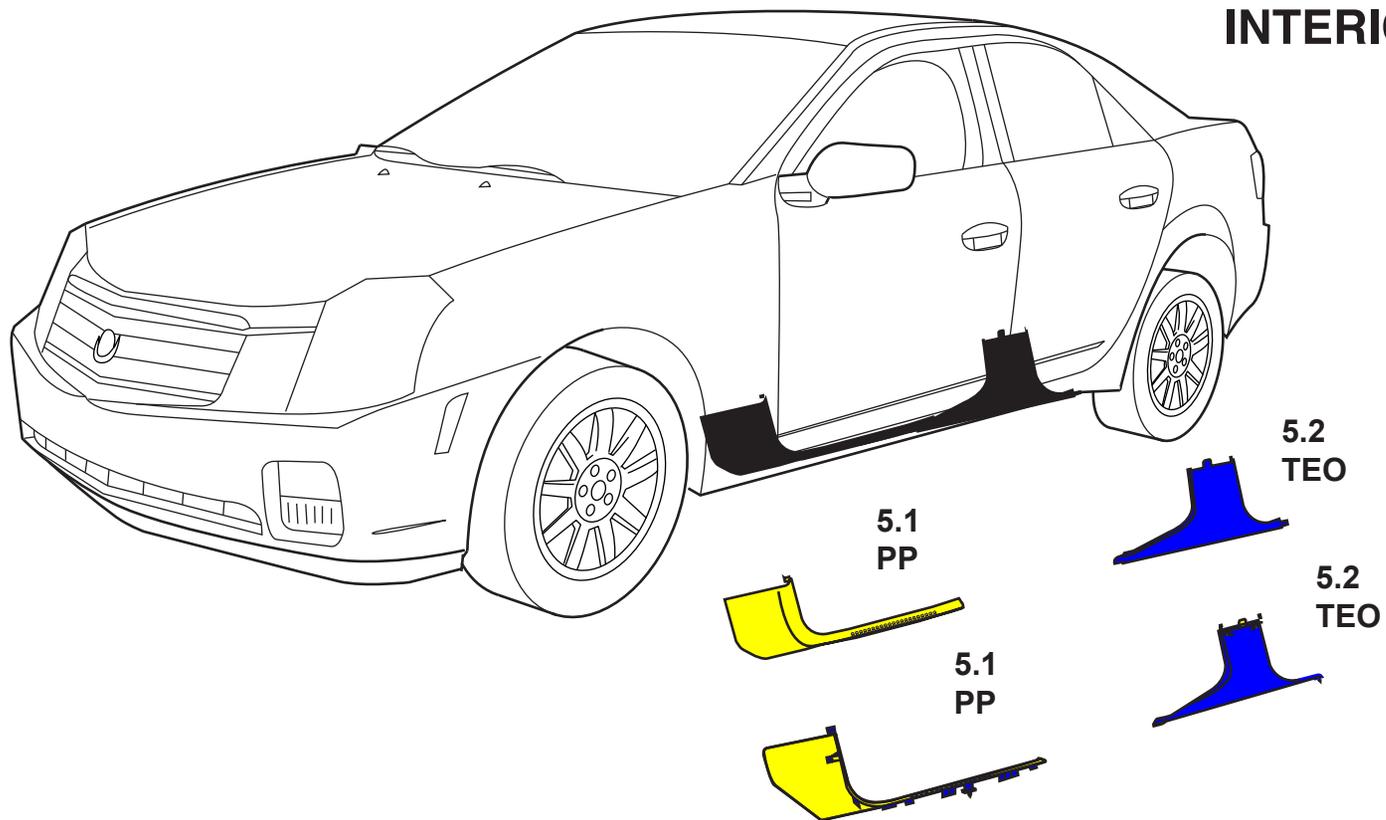
Activity Ref Area #	Part Name	Material	Qty	Total Material Weight (kg)
4.1	Front seat foam, lower, rh, lh	PUR	2	2.52
4.2	Front seat foam, upper, rh, lh	PUR	2	3.20
4.3	Front seat headrest	PUR	2	0.39
4.4	Rear seat foam, lower	PUR	1	2.96
4.5	Rear seat headrest	PUR	2	0.59

**Information & Comments:**

Total Material Weight = weight of single part material multiplied by the quantity.

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## ACTIVITY AREA 5 INTERIOR TRIM





# Dismantling Manual

## 2005 Cadillac CTS

### Activity Area 5 -- Interior Trim



Area: Interior Trim

Model: CTS

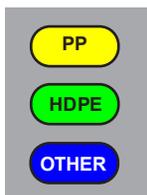
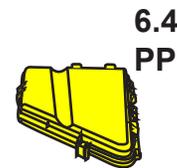
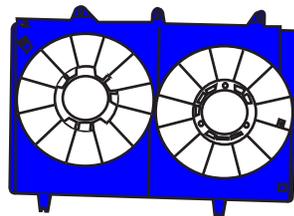
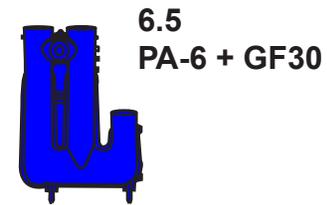
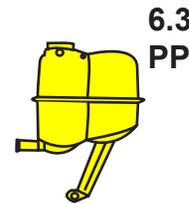
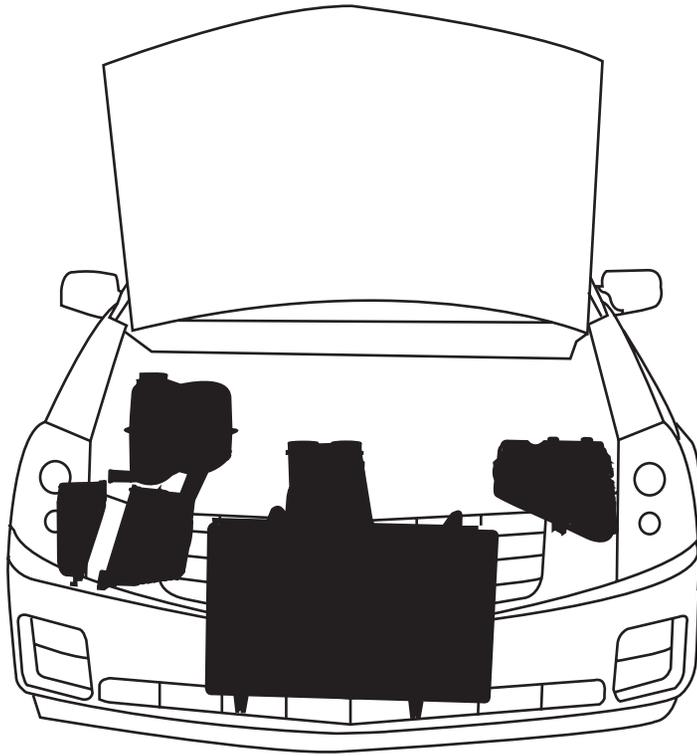
Activity Ref Area #	Part Name	Material	Qty	Total Material Weight (kg)
5.1	Front door sill plate	PP	2	1.91
5.2	B-pillar garnish molding	TEO	2	0.52

**Information & Comments:**

Total Material Weight = weight of single part material multiplied by the quantity.

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## ACTIVITY AREA 6 ENGINE COMPARTMENT





# Dismantling Manual

## 2005 Cadillac CTS

### Activity Area 6 -- Engine Compartment



Area: Engine Compartment

Model: CTS

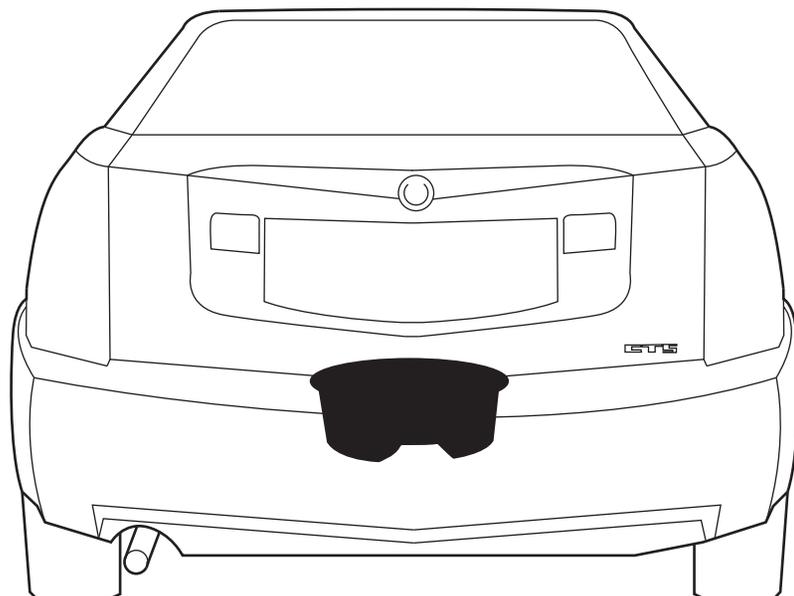
Activity Ref Area #	Part Name	Material	Qty	Total Material Weight (kg)
6.1	Air cleaner housing	HDPE	2	2.15
6.2	Radiator shroud	PA-66	1	1.16
6.3	Coolant reservoir	PP	1	0.73
6.4	Fuse block cover	PP	1	0.26
6.5	Resonator	PA-6+GF30	1	1.24

**Information & Comments:**

Total Material Weight = weight of single part material multiplied by the quantity.

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## ACTIVITY AREA 7 LOAD SPACE



7.1  
PP

PP



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## 2005 Cadillac CTS

### Activity Area 7 -- Load Space



Area: Load Space

Model: CTS

Activity Ref Area #	Part Name	Material	Qty	Total Material Weight (kg)
7.1	Jack storage tray	PP	1	0.58

**Information & Comments:**

Total Material Weight = weight of single part material multiplied by the quantity.

**VEHICLE**

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Revised  
October 18, 2004