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Autore	Kirkland Anna Rutherford
Titolo	Fat rights [[electronic resource]] : dilemmas of difference and personhood / / Anna Kirkland
Pubbl/distr/stampa	New York, : New York University Press, c2008
ISBN	0-8147-4907-0 0-8147-4819-8
Descrizione fisica	1 online resource (208 p.)
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Soggetti	Discrimination against overweight persons - Law and legislation - United States Overweight persons - Civil rights - United States Discrimination - Law and legislation - United States Overweight persons - Social aspects - United States Electronic books.
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 161-190) and index.
Nota di contenuto	Introduction: The challenge of difference -- Imagining legal protections for fatness -- Shifting the blame -- Balancing functional individuals and embedded selves -- Governing risk : medicalization and normalization -- Accomodating fatness -- Conclusion: What is worth wanting in American antidiscrimination law?
Sommario/riassunto	Author Interview on The Brian Lehrer Show. America is a weight-obsessed nation. Over the last decade, there's been an explosion of concern in the U.S. about people getting fatter. Plaintiffs are now filing lawsuits arguing that discrimination against fat people should be illegal. Fat Rights asks the first provocative questions that need to be raised about adding weight to lists of currently protected traits like race, gender, and disability. Is body fat an indicator of a character flaw or of incompetence on the job? Does it pose risks or costs to employers they should be allowed to evade? Or i

2. Record Nr.	UNINA9910816939003321
Autore	Omar Mohammad A
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Descrizione fisica	1 online resource (394 p.)
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Soggetti	Automobiles - Bodies - Design and construction Automobiles - Design and construction
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	THE AUTOMOTIVE BODY MANUFACTURING SYSTEMS AND PROCESSES; Contents; Preface; Foreword; Acknowledgments; Abbreviations; 1: Introduction; 1.1 Anatomy of a Vehicle, Vehicle Functionality and Components; 1.2 Vehicle Manufacturing: An Overview; 1.2.1 Basics of the Assembly Processes; 1.2.2 Basics of the Power-train Processes; 1.3 Conclusion; Exercises; 2: Stamping and Metal Forming Processes; 2.1 Formability Science of Automotive Sheet Panels: An Overview; 2.1.1 Stamping Modes and Metal Flow; 2.1.2 Material Properties and their Formability; 2.1.3 Formability Measures 2.1.4 Circle Grid Analysis (CGA) and the Forming Limit Diagram (FLD) 2.2 Automotive Materials; 2.2.1 Automotive Steel Grades; Traditional Steel Grades; 2.2.2 Automotive Steel Grades: High Strength and Advanced (Ultra); 2.2.3 Stamping Aluminum Sheet Panels; 2.3 Automotive Stamping Presses and Dies; 2.3.1 Automotive Dies; 2.3.2

Die Operation and Tooling; 2.3.2.1 The Blank Holder; 2.3.2.2 Draw Beads; 2.3.2.3 Blanking and Shearing Dies; 2.3.2.4 Bending; 2.3.2.5 Deep Drawing; 2.3.2.6 Coatings and Lubrications; 2.4 Tailor Welded Blanks and their Stamping; 2.5 Advances in Metal Forming
 2.5.1 Hydro-forming and Extrusions 2.5.2 Industrial Origami: Metal Folding-Based Forming; 2.5.3 Super-plastic Forming; 2.5.4 Flexible Stamping Procedures; 2.6 Stampings Dimensional Approval Process; 2.7 Stamping Process Costing; 2.7.1 Case I: The Stamping Process; 2.7.1.1 Detailed Cost Analysis; 2.7.2 Case II : Tailor-Welded Door Inner Cost; Exercises; 3: Automotive Joining; 3.1 Introduction; 3.2 Fusion Welding Operations; 3.2.1 Basics of Arc Fusion Welding and its Types; 3.2.2 Metal Inert Gas MIG Welding Processes; 3.2.3 Automotive TIG Welding Processes
 3.2.4 Automotive Resistance Welding Processes 3.2.4.1 Surface Conditions and Their Effect on Resistance Welding; 3.2.4.2 Basics of Spot Welding, Lobes and Resistance Curves; 3.3 Robotic Fusion-Welding Operations; 3.3.1 Robotic Spot Welders; 3.4 Adhesive Bonding; 3.4.1 Basics of Adhesive Material Selection; 3.4.2 Basics of the Adhesion Theory and Adhesives Testing; 3.5 Welding and Dimensional Conformance; 3.6 Advances in Automotive Welding; 3.6.1 Friction Stir Welding (FSW); 3.6.2 Laser Welding; 3.6.3 Weld Bonding; 3.7 The Automotive Joining Costing; 3.7.1 Joining an Automotive Frame 3.7.2 Sub-assembling Automotive Doors Exercises; 4: Automotive Painting; 4.1 Introduction; 4.2 Immersion Coating Processes; 4.2.1 Cleaning; 4.2.2 Rinsing; 4.2.3 Conversion and Phosphate Baths; 4.2.3.1 Phosphating Aluminum; 4.2.4 E-Coating Baths and their Operations; 4.3 Paint Curing Processes, and Balancing; 4.4 Under-Body Sealant, PVC and Wax Applications; 4.5 Painting Spray Booths Operations; 4.5.1 Spray Paint Applicators; 4.5.2 Painting Booth Conditioning, Waterborne, Solvent-borne and Powder-coating Systems; 4.5.2.1 Waterborne Paint; 4.5.2.2 Powder Coating; 4.5.3 Paint Calculations
 4.6 Material Handling Systems Inside the Painting Area

Sommario/riassunto

A comprehensive and dedicated guide to automotive production lines, The Automotive Body Manufacturing Systems and Processes addresses automotive body processes from the stamping operations through the final assembly activities. To begin, it discusses current metal forming practices, including stamping engineering, die development, and dimensional validation, and new innovations in metal forming, such as folding based forming, super-plastic, and hydro forming technologies. The first section also explains details of automotive spot welding (welding lobes), arc welding, and adhesive bondin
