# How to Explain Car Rental to Banks and Investors 

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## My Background - 18 Years Advising Car Rental Companies

Investment Banker for 20+ Years

17 Years at Large Banks


EVP Corporate Development


Advisory Assignments


Budget.
AVISEurope
liciliz
AVIS

PHH Europe


National
CarRental.

## Capital Raising

```
Enterprise
    rent-a-car
    avis budget group
        DDLlar. Thifify
    Budget.Team Rental Group
```


## Common Car Rental Biases at Banks



Fear of Exposure to "Auto"
30 Years of Auto Industry Troubles Resulting in Well-Known Bankruptcies


## Car Rental Revenue is Driven by Travel Spending



## Travel Spending Driven by Economic Activity

## Ever Rising Travel Spending, with Recent Exceptions

(Arrivals in millions)
International Visitors to the U.S. (2000 - 2015 Projected)


Car Rental Revenue Has Grown for Decades
Notwithstanding Recent Exceptions
(\$ in billions)


## What is Car Rental ?

- Finance business + rental service
- No connection to "auto" issues



## Car Rental is an Essential Service

- Key part of the transportation network
- Utility-like quality of predictable and recurring revenues
- Can't outsource it overseas
- Can't replace it with the Internet

"EBITDA is Huge" - Wrong



## Car Rental Cash Flow

Definition of EBITDA

Net Income ("Earnings")

+ Income Taxes
+ Non-Fleet Interest Expense
+ Non-Fleet Depreciation and Amortization
= Adjusted EBITDA, aka, Corporate EBITDA


## Car Rental Cash Flow

## Said Another Way

## Revenues

- Operating Expenses
- Selling, General and Administrative Expenses
$=$ EBITDA (Gross)
- Fleet Depreciation and Interest
(roughly 35\% of Revenues)
= Adjusted or Corporate EBITDA
- Adjusted / Corporate EBITDA available to service non-fleet debt (but beware non-fleet debt)
- Fleet depreciation and interest are "COGS" in a car rental company


## Exposure to Used Car Prices

- NOT "Used Cars"?! OMG!!!
- Sense that "used car risk" is not manageable
- Worry about bottomless pit exposure
- Answer: Used Car Market is a Plus for Car Rental
- Huge (several hundred billion dollars)
- Efficient (can't game it)
- Liquid (easy to turn cars into cash)

- Affects everyone equally (no one has an advantage)
- Car rental companies average gain on sale of a few hundred dollars per risk car


## Used Car Market is Huge - Over $\$ 300$ Billion

(\$ in billions)
Dollar Volume of Used Car Market, annually (1990-2009)


## Used Car Market is Efficient

Over the past 58 years, used car prices have tracked inflation, with some year-to-year variation

Real Growth: Consumer Price Index vs Prices of Used Cars and Trucks (1952 - 2010)


## Used Car Market is Liquid - Around 40 Million Transactions Annually

## Annual Volumes and Prices

## (\# in millions)

Used Car Average Price and \# of Vehicle Sales (1990 - 2009)


## "Too Capital Intensive"

- Not really
- Fleet is largely debt-financed
- Fleet is liquid
- Can de-fleet to pay-off debt
- Non-fleet capex relatively modest
- Hard to go bankrupt unless you have non-fleet debt
- Highly variable cost structure
- Reduce fleet and headcount in a downturn


## Fleet is Debt-Financed / Assets Largely Cars + Cash

Illustrative Car Rental Balance Sheet


Total
Capitalization

|  |  |  |
| :---: | :---: | :---: |
| Fleet Debt <br> Secured by <br> Cars | $75 \%$ |  |
| Equity | $15 \%$ | Fleet Debt <br> Not Secured <br> by Cars |

## Dollar Thrifty Exemplifies Strength of Car Rental Business Model

Pure-Play Public Car Rental Company


## Dollar Thrifty - 13 Years of Solid Earnings Performance

Net Income and Net Income Margins (IPO 1998 - Q3 2010)
(\$ in millions)


## "There's No Free Cash Flow . . .

... because you always have to plow cash back into the fleet."

- See prior graph!
- Net Income = Free Cash Flow (over time)
- Car rental has lots of moving pieces - it's complicated
- Financial models must be carefully done
- Decades of demonstrated performance
- Net Income margins generally 5-10\%
- Can run it to generate cash
- Or grow it by reinvesting cash

"Commodity Service" vs. Brands Matter
On-Airport Market Share (2009)
Hertz
$\square$ Avis
$\square$ Budget
$\square$ Enterprise
■ Alamo/National
- Dollar
$\square$ Thrifty
$\square$ Advantage
$\square$ Other


## "Commodity Service" vs. Brands Matter

Total Market Share (2010)

$\square$ Enterprise (Alamo / National)
$\square$ Hertz
$\square$ Avis Budget

■ Dollar Thrifty
$\square$ Other

## Relatively Stable Market Shares Over Time

Established Brands Attract the Business


## "Pricing is Not Rational"

| Long-term | m price tr | nds am | g the br | rands are | consist | t with | e bran | mages |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $/ \operatorname{PPAYLESS}_{\text {CAR RENTAL }}$ | D.SALE | ADVANTAGE | $\underset{\text { RENT } \cdot \mathrm{A}-\mathrm{CAR}}{\overrightarrow{7}}=-Z_{l}$ | Alamo | Budget | N National | AW/S | Hertz. |
| Type | $\begin{aligned} & \text { Off } \\ & \text { Terminal } \end{aligned}$ | Off Terminal | $\begin{gathered} \text { In } \\ \text { Terminal } \end{gathered}$ | In Terminal | In Terminal | In Terminal | In Terminal | In Terminal | In Terminal |
| Economy | \$30 | \$45 | \$46 | \$55 | \$63 | \$63 | \$64 | \$70 | \$70 |
| Compact | \$30 | \$45 | \$46 | \$55 | \$63 | \$63 | \$64 | \$70 | \$70 |
| Midsize | \$30 | \$46 | \$47 | \$56 | \$65 | \$65 | \$66 | \$72 | \$72 |
| Standard | \$35 | - | - | - | \$67 | \$67 | \$68 | \$74 | \$74 |
| Full size | \$37 | \$60 | \$50 | \$60 | \$67 | \$67 | \$68 | \$74 | \$74 |
| Premium | - | - | - | \$87 | \$64 | \$64 | \$69 | \$69 | \$72 |

## "What About Insurance Exposure?" - Not an Insurance Play

## Products Below Best Thought of as Extra Price

## SLI

Supplemental Liability Insurance

## LDW

Loss Damage Waiver

## CDW



Collision Damage Waiver

## PEC

Personal Effects Coverage

## PAI

Personal Accident Insurance


## The Equity Story



Financial Leverage Magnifies Returns to the Equity


## Operating Leverage Also Magnifies Returns to the Equity

And Price Changes Everything!


## Car Rental is a Bet on Economic Activity and Wanderlust

Ever Rising Travel Spending Makes Car Rental an Attractive Investment
(\$ in billions)


