

```

diff --git a/app/controllers/cars_controller.rb b/app/controllers/cars_controller.rb
index 3ccece3..b6dff67 100644
--- a/app/controllers/cars_controller.rb
+++ b/app/controllers/cars_controller.rb
@@ -15,10 +15,12 @@ class CarsController < ApplicationController
  # GET /cars/new
  def new
    @car = Car.new
+   @parts = Part.all    #fetch all entries from Parts table and store in parts instance
  end

  # GET /cars/1/edit
  def edit
+   @parts = Part.all    #fetch all entries from Parts table and store in parts instance
  end

  # POST /cars
@@ -69,6 +71,7 @@ class CarsController < ApplicationController

  # Never trust parameters from the scary internet, only allow the white list through.
  def car_params
-   params.require(:car).permit(:model, :vin, :make_id)
+   #params.require(:car).permit(:model, :vin, :make_id)    #I just commented this out in case I
+   needed to refer to what it looked like initially
+   params.require(:car).permit(:model, :vin, :make_id, :part_ids=>[]) #make array for car parts
+   required
  end
end
diff --git a/app/models/car.rb b/app/models/car.rb

```

index 108af3a..b636ddc 100644

--- a/app/models/car.rb

+++ b/app/models/car.rb

@@ -1,3 +1,4 @@

class Car < ApplicationRecord

belongs_to :make

+ has_and_belongs_to_many :parts #create a many-to-many relationship between cars and parts

end

diff --git a/app/models/make.rb b/app/models/make.rb

index c53d11d..f76801a 100644

--- a/app/models/make.rb

+++ b/app/models/make.rb

@@ -1,2 +1,3 @@

class Make < ApplicationRecord

+ has_many :cars #create a one-to-many relationship between make and cars

end

diff --git a/app/models/part.rb b/app/models/part.rb

index c918653..98a4ae0 100644

--- a/app/models/part.rb

+++ b/app/models/part.rb

@@ -1,2 +1,3 @@

class Part < ApplicationRecord

+ has_and_belongs_to_many :cars #create a many-to-many relationship between parts and cars.

end

diff --git a/app/views/cars/_form.html.erb b/app/views/cars/_form.html.erb

index 8cdd039..a44bace 100644

--- a/app/views/cars/_form.html.erb

+++ b/app/views/cars/_form.html.erb

@@ -11,6 +11,11 @@

</div>

<% end %>

#moved from different location and change the form field to a dropdown populated with all makes

+ <div class="field">

+ <%= form.label :make_id %>

+ <%= form.collection_select :make_id, Make.all, :id, :name %>

+ </div>

+

<div class="field">

<%= form.label :model %>

<%= form.text_field :model %>

@@ -22,8 +27,8 @@

</div>

<div class="field">

#moved these to the location mentioned above

- <%= form.label :make_id %>

- <%= form.text_field :make_id %>

#added checkboxes for parts

+ <%= form.label :parts %>

+ <%= form.collection_check_boxes(:part_ids, @parts, :id, :name) %>

</div>

<div class="actions">

diff --git a/app/views/cars/index.html.erb b/app/views/cars/index.html.erb

index 96d866b..b5f40de 100644

--- a/app/views/cars/index.html.erb

+++ b/app/views/cars/index.html.erb

@@ -5,9 +5,9 @@

```
<table>
```

```
<thead>
```

```
<tr>
```

#rearranged headers to be in a more appealing order

```
+ <th>Make</th>
```

```
<th>Model</th>
```

```
<th>Vin</th>
```

```
- <th>Make</th>
```

```
<th colspan="3"></th>
```

```
</tr>
```

```
</thead>
```

```
@@ -15,9 +15,9 @@
```

```
<tbody>
```

```
<% @cars.each do |car| %>
```

```
<tr>
```

#rearranged cells to be in a more appealing order, and changed car make to display make name

```
+ <td><%= car.make.name %></td>
```

```
<td><%= car.model %></td>
```

```
<td><%= car.vin %></td>
```

```
- <td><%= car.make %></td>
```

```
<td><%= link_to 'Show', car %></td>
```

```
<td><%= link_to 'Edit', edit_car_path(car) %></td>
```

```
<td><%= link_to 'Destroy', car, method: :delete, data: { confirm: 'Are you sure?' } %></td>
```

```
diff --git a/app/views/cars/show.html.erb b/app/views/cars/show.html.erb
```

```
index cdc5a5..4ea3984 100644
```

```
--- a/app/views/cars/show.html.erb
```

```
+++ b/app/views/cars/show.html.erb
```

```
@@ -1,5 +1,10 @@
```

```
<p id="notice"><%= notice %></p>
```

#rearranged to make more appealing and changed to display the name of the make

```
+<p>
+ <strong>Make:</strong>
+ <%= @car.make.name %>
+</p>
```

```
+
<p>
  <strong>Model:</strong>
  <%= @car.model %>
@@ -10,10 +15,12 @@
  <%= @car.vin %>
```

```
</p>
```

#moved this above

```
-<p>
- <strong>Make:</strong>
- <%= @car.make %>
-</p>
```

#added unordered list of all parts the car has

```
+<strong>Parts:</strong>
+<ul>
+ <% @car.parts.each do |part| %>
+   <li><%= part.name %></li>
+ <% end %>
+</ul>
```

```
<%= link_to 'Edit', edit_car_path(@car) %> |
```

```
<%= link_to 'Back', cars_path %>
```