

DB tables for auto-parts:

inventory (Inventory of Parts)	
<u>number*</u> (from legacy database)	Int(11)
description	varchar(50)
quantity	Int(11)

Create table statement:

```
CREATE TABLE auto-parts.inventory ( number INT(11) NOT NULL COMMENT 'corresponds with number in parts table.', `description` VARCHAR(50) CHARACTER SET latin1 COLLATE latin1_swedish_ci NULL DEFAULT NULL COMMENT 'parts can be recognized by their part number or description.', quantity INT(11) NULL DEFAULT NULL, PRIMARY KEY (number)) ENGINE = InnoDB COMMENT = 'For storing the quantity of each ';
```

Insert statement:

```
INSERT INTO inventory (number, description, quantity) VALUES (1, 'windshield w/ polymer', 15);
```

customerorder	
<u>authNum(with hyphens removed)</u>	Int(5)
<u>date</u>	date
name	varchar(50)
email	varchar(50)
shippingAddress	varchar(50)
dateShipped	Date (NULL if not shipped yet)

Creation statements:

```
CREATE TABLE `auto-parts`.`customerorder` (`authNum` INT(5) NOT NULL COMMENT 'passed from customer facing interface after credit card authorization.', `date` DATE NULL, `name` VARCHAR(50) CHARACTER SET latin1 COLLATE latin1_swedish_ci NULL DEFAULT NULL, `email` VARCHAR(50) CHARACTER SET latin1 COLLATE latin1_swedish_ci NULL DEFAULT NULL, `shippingAddress` VARCHAR(50) CHARACTER SET latin1 COLLATE latin1_swedish_ci NULL DEFAULT NULL, `dateShipped` DATE NULL, PRIMARY KEY (`authNum`)) ENGINE = InnoDB;
```

Insert statement:

```
INSERT INTO customerorder (authNum, name, email, shippingAddress,
orderStatus) VALUES (12345, 'Bleu the Test', 'me@gmail.com', '123
street', 'n');
```

Parts ordered	
<u>number*</u> (from parts table)	Int(11)
<u>authNum*</u> (from customer orders)	Int(5)
quantity	Int(11)

Creation statement:

```
CREATE TABLE `auto-parts`.`partsordered` ( `number` INT(11) NOT NULL
COMMENT 'Part number from legacy database. Reference from parts table.' ,
`authNum` INT(5) NOT NULL COMMENT 'passed from customer facing interface
after credit card authorization.' , `quant` INT NULL DEFAULT NULL ,
PRIMARY KEY (`number`, `authNum`), FOREIGN KEY (`number`) REFERENCES
inventory(`number`), FOREIGN KEY (`authNum`) REFERENCES
customerorder(`authNum`)) ENGINE = InnoDB;
```

Insert statement:

```
INSERT INTO partsordered (number, authNum, quant) VALUES (1, 12345, 15);
```

shippingbrackets	
<u>weight (lb)</u>	Int(11)
price	decimal(10,2)

Create table statement:

```
CREATE TABLE `auto-parts`.
( `weight` INT NOT NULL , `price` DECIMAL(10,2) NOT NULL , PRIMARY KEY (`weight`)) ENGINE = InnoDB;
```

Insert statement:

```
INSERT INTO shippingbrackets (weight, price) VALUES (5, 5.00);
```