

```
USE RawEuropeanCarManufacturer2;
```

```
CREATE TABLE `Audit.CommonColumnsForTriggerTemplate`  
(  
    `RowLevelHashKey` BLOB NOT NULL ,  
    `Note` VARCHAR(200) NOT NULL ,  
    `IsDeleted` CHAR(1) NULL ,  
    `TransactionNumber` INT NULL ,  
    `UserAuthenticatedKey` INTEGER NULL ,  
    `SysStartTime` DATE NULL ,  
    `SysEndTime` DATE NULL  
);
```

```
ALTER TABLE `Audit.CommonColumnsForTriggerTemplate`  
    ADD CONSTRAINT XPKCommonColumnsForTriggerTemplate PRIMARY KEY (  
    `RowLevelHashKey` (25) ASC );
```

```
CREATE TABLE `Audit.Country`  
(  
    `CountryAuditId` INT COMMENT 'The COUNTRYAUDITID defines the CountryAuditId  
of the CountryHistory' NOT NULL ,  
    `CountryId` INT COMMENT 'The COUNTRYID defines the CountryId of the  
CountryHistory' NOT NULL ,  
    `CountryAuditType` VARCHAR(20) COMMENT 'The COUNTRYAUDITTYPE defines the  
CountryAuditType of the CountryHistory' NOT NULL ,  
    `CountryAuditDate` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT 'The  
COUNTRYAUDITDATE defines the CountryAuditDate of the CountryHistory' NULL ,  
    `CountryFieldName` VARCHAR(20) COMMENT 'The COUNTRYFIELDNAME defines the
```

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CountryFieldName of the CountryHistory' NOT NULL ,

    `CountryOldValue` VARCHAR(20) COMMENT 'The COUNTRYOLDVALUE defines the
CountryOldValue of the CountryHistory' NULL ,

    `CountryNewValue` VARCHAR(20) COMMENT 'The COUNTRYNEWVALUE defines the
CountryNewValue of the CountryHistory' NULL ,

    `RowLevelHashKey` BLOB COMMENT 'The ROWLEVELHASHKEY defines the
RowLevelHashKey of the CountryHistory' NULL

);

```

```

ALTER TABLE `Audit.Country`

    ADD CONSTRAINT XPKCountryHistory PRIMARY KEY ( `CountryAuditId` ASC );

```

```

CREATE TABLE `Audit.Customer`

(

    `CustomerAuditId` INT COMMENT 'The CUSTOMERAUDITID defines the
CustomerAuditId of the CustomerHistory' NOT NULL ,

    `CustomerId` INT COMMENT 'The CUSTOMERID defines the CustomerId of the
CustomerHistory' NOT NULL ,

    `CustomerAuditType` VARCHAR(20) COMMENT 'The CUSTOMERAUDITTYPE defines the
CustomerAuditType of the CustomerHistory' NOT NULL ,

    `CustomerAuditDate` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT 'The
CUSTOMERAUDITDATE defines the CustomerAuditDate of the CustomerHistory' NULL ,

    `CustomerFieldName` VARCHAR(20) COMMENT 'The CUSTOMERFIELDNAME defines the
CustomerFieldName of the CustomerHistory' NOT NULL ,

    `CustomerOldValue` VARCHAR(20) COMMENT 'The CUSTOMEROLDVALUE defines the
CustomerOldValue of the CustomerHistory' NULL ,

    `CustomerNewValue` VARCHAR(20) COMMENT 'The CUSTOMERNEWVALUE defines the
CustomerNewValue of the CustomerHistory' NULL ,

    `RowLevelHashKey` BLOB COMMENT 'The ROWLEVELHASHKEY defines the
RowLevelHashKey of the CustomerHistory' NULL

);

```

```
ALTER TABLE `Audit.Customer`
```

```
ADD CONSTRAINT XPKCustomerHistory PRIMARY KEY ( `CustomerAuditId` ASC );
```

```
CREATE TABLE `Audit.ManufacturerVehicleMake`
```

```
(
```

```
    `ManufacturerMakeAuditId` INT COMMENT 'The MANUFACTURERMAKEAUDITID defines the ManufacturerMakeAuditId of the ManufacturerMake' NOT NULL ,
```

```
    `ManufacturerMakeId` INT COMMENT 'The MANUFACTURERMAKEID defines the ManufacturerMakeId of the ManufacturerMake' NOT NULL ,
```

```
    `ManufacturerMakeAuditType` VARCHAR(20) COMMENT 'The MANUFACTURERMAKEAUDITTYPE defines the ManufacturerMakeAuditType of the ManufacturerMake' NOT NULL ,
```

```
    `ManufacturerMakeAuditDate` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT 'The MANUFACTURERMAKEAUDITDATE defines the ManufacturerMakeAuditDate of the ManufacturerMake' NULL ,
```

```
    `ManufacturerMakeFieldName` VARCHAR(20) COMMENT 'The MANUFACTURERMAKEFIELDNAME defines the ManufacturerMakeFieldName of the ManufacturerMake' NOT NULL ,
```

```
    `ManufacturerMakeOldValue` VARCHAR(20) COMMENT 'The MANUFACTURERMAKEOLDVALUE defines the ManufacturerMakeOldValue of the ManufacturerMake' NULL ,
```

```
    `ManufacturerMakeNewValue` VARCHAR(20) COMMENT 'The MANUFACTURERMAKENEWVALUE defines the ManufacturerMakeNewValue of the ManufacturerMake' NULL ,
```

```
    `RowLevelHashKey` BLOB COMMENT 'The ROWLEVELHASHKEY defines the RowLevelHashKey of the ManufacturerMake' NULL
```

```
);
```

```
ALTER TABLE `Audit.ManufacturerVehicleMake`
```

```
ADD CONSTRAINT XPKManufacturerMake PRIMARY KEY ( `ManufacturerMakeAuditId` ASC );
```

```

CREATE TABLE `Audit.ManufacturerVehicleModel`
(
    `ManufacturerModelAuditId` INT COMMENT 'The MANUFACTURERMODELAUDITID defines
the ManufacturerModelAuditId of the ManufacturerModel' NOT NULL ,

    `ManufacturerVehicleModelID` INT COMMENT 'The MANUFACTURERVEHICLEMODELID
defines the ManufacturerVehicleModelID of the ManufacturerModel' NOT NULL ,

    `ManufacturerModelAuditType` VARCHAR(20) COMMENT 'The
MANUFACTURERMODELAUDITTYPE defines the ManufacturerModelAuditType of the
ManufacturerModel' NOT NULL ,

    `ManufacturerModelAuditDate` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT
'The MANUFACTURERMODELAUDITDATE defines the ManufacturerModelAuditDate of the
ManufacturerModel' NULL ,

    `ManufacturerModelFieldName` VARCHAR(20) COMMENT 'The
MANUFACTURERMODELFIELDNAME defines the ManufacturerModelFieldName of the
ManufacturerModel' NOT NULL ,

    `ManufacturerModelOldValue` VARCHAR(20) COMMENT 'The
MANUFACTURERMODELOLDVALUE defines the ManufacturerModelOldValue of the
ManufacturerModel' NULL ,

    `ManufacturerModelNewValue` VARCHAR(20) COMMENT 'The
MANUFACTURERMODELNEWVALUE defines the ManufacturerModelNewValue of the
ManufacturerModel' NULL ,

    `RowLevelHashKey` BLOB COMMENT 'The ROWLEVELHASHKEY defines the
RowLevelHashKey of the ManufacturerModel' NULL

);

```

```

ALTER TABLE `Audit.ManufacturerVehicleModel`

ADD CONSTRAINT XPKManufacturerModel PRIMARY KEY (
`ManufacturerModelAuditId` ASC );

```

```

CREATE TABLE `Audit.ManufacturerVehicleStock`
(
    `ManufacturerVehicleStockAuditId` INT COMMENT 'The

```

MANUFACTURERVEHICLESTOCKAUDITID defines the ManufacturerVehicleStockAuditId of the ManufacturerVehicleStockHistory' NOT NULL ,

`ManufacturerVehicleModelId` INT COMMENT 'The MANUFACTURERVEHICLEMODELID defines the ManufacturerVehicleModelId of the ManufacturerVehicleStockHistory' NOT NULL ,

`ManufacturerVehicleStockAuditType` VARCHAR(20) COMMENT 'The MANUFACTURERVEHICLESTOCKAUDITTYPE defines the ManufacturerVehicleStockAuditType of the ManufacturerVehicleStockHistory' NOT NULL ,

`ManufacturerVehicleStockAuditDate` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT 'The MANUFACTURERVEHICLESTOCKAUDITDATE defines the ManufacturerVehicleStockAuditDate of the ManufacturerVehicleStockHistory' NULL ,

`ManufacturerVehicleStocFieldName` VARCHAR(20) COMMENT 'The MANUFACTURERVEHICLESTOCFIELDNAME defines the ManufacturerVehicleStocFieldName of the ManufacturerVehicleStockHistory' NOT NULL ,

`ManufacturerVehicleStockOldValue` VARCHAR(20) COMMENT 'The MANUFACTURERVEHICLESTOCKOLDVALUE defines the ManufacturerVehicleStockOldValue of the ManufacturerVehicleStockHistory' NULL ,

`ManufacturerVehicleStockNewValue` VARCHAR(20) COMMENT 'The MANUFACTURERVEHICLESTOCKNEWVALUE defines the ManufacturerVehicleStockNewValue of the ManufacturerVehicleStockHistory' NULL ,

`RowLevelHashKey` BLOB COMMENT 'The ROWLEVELHASHKEY defines the RowLevelHashKey of the ManufacturerVehicleStockHistory' NULL

);

ALTER TABLE `Audit.ManufacturerVehicleStock`

ADD CONSTRAINT XPKManufacturerVehicleStockHistory PRIMARY KEY (`ManufacturerVehicleStockAuditId` ASC);

CREATE TABLE `Audit.SalesOrderVehicle`

(

`SalesOrderVehicleAuditId` INT COMMENT 'The SALESORDERVEHICLEAUDITID defines the SalesOrderVehicleAuditId of the SalesOrderVehicleHistory' NOT NULL ,

`SalesOrderVehicleId` INT COMMENT 'The SALESORDERVEHICLEID defines the SalesOrderVehicleId of the SalesOrderVehicleHistory' NOT NULL ,

`SalesOrderVehicleAuditType` VARCHAR(20) COMMENT 'The SALESORDERVEHICLEAUDITTYPE defines the SalesOrderVehicleAuditType of the SalesOrderVehicleHistory' NOT NULL ,

 `SalesOrderVehicleAuditDate` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT 'The SALESORDERVEHICLEAUDITDATE defines the SalesOrderVehicleAuditDate of the SalesOrderVehicleHistory' NULL ,

 `SalesOrderVehicleFieldName` VARCHAR(20) COMMENT 'The SALESORDERVEHICLEFIELDNAME defines the SalesOrderVehicleFieldName of the SalesOrderVehicleHistory' NOT NULL ,

 `SalesOrderVehicleOldValue` VARCHAR(20) COMMENT 'The SALESORDERVEHICLEOLDVALUE defines the SalesOrderVehicleOldValue of the SalesOrderVehicleHistory' NULL ,

 `SalesOrderVehicleHNewValue` VARCHAR(20) COMMENT 'The SALESORDERVEHICLEHNEWVALUE defines the SalesOrderVehicleHNewValue of the SalesOrderVehicleHistory' NULL ,

 `RowLevelHashKey` BLOB COMMENT 'The ROWLEVELHASHKEY defines the RowLevelHashKey of the SalesOrderVehicleHistory' NULL

);

ALTER TABLE `Audit.SalesOrderVehicle`

 ADD CONSTRAINT XPKSalesOrderVehicleHistory PRIMARY KEY (`SalesOrderVehicleAuditId` ASC);

CREATE TABLE `Audit.SalesOrderVehicleDetail`

(

 `SalesOrderVehicleDetailAuditId` INT COMMENT 'The SALESORDERVEHICLEDETAILAUDITID defines the SalesOrderVehicleDetailAuditId of the SalesOrderVehicleDetailHistory' NOT NULL ,

 `SalesOrderVehicleDetailId` INT COMMENT 'The SALESORDERVEHICLEDETAILID defines the SalesOrderVehicleDetailId of the SalesOrderVehicleDetailHistory' NOT NULL ,

 `SalesOrderVehicleDetailAuditType` VARCHAR(20) COMMENT 'The SALESORDERVEHICLEDETAILAUDITTYPE defines the SalesOrderVehicleDetailAuditType of the SalesOrderVehicleDetailHistory' NOT NULL ,

```
        `SalesOrderVehicleDetailAuditDate` TIMESTAMP DEFAULT CURRENT_TIMESTAMP  
COMMENT 'The SALESORDERVEHICLEDETAILAUDITDATE defines the  
SalesOrderVehicleDetailAuditDate of the SalesOrderVehicleDetailHistory' NULL ,
```

```
        `SalesOrderVehicleDetailFieldName` VARCHAR(20) COMMENT 'The  
SALESORDERVEHICLEDETAILFIELDNAME defines the SalesOrderVehicleDetailFieldName of the  
SalesOrderVehicleDetailHistory' NOT NULL ,
```

```
        `SalesOrderVehicleDetailOldValue` VARCHAR(20) COMMENT 'The  
SALESORDERVEHICLEDETAILOLDVALUE defines the SalesOrderVehicleDetailOldValue of the  
SalesOrderVehicleDetailHistory' NULL ,
```

```
        `SalesOrderVehicleDetailNewValue` VARCHAR(20) COMMENT 'The  
SALESORDERVEHICLEDETAILNEWVALUE defines the SalesOrderVehicleDetailNewValue of the  
SalesOrderVehicleDetailHistory' NULL ,
```

```
        `RowLevelHashKey` BLOB COMMENT 'The ROWLEVELHASHKEY defines the  
RowLevelHashKey of the SalesOrderVehicleDetailHistory' NULL
```

```
);
```

```
ALTER TABLE `Audit.SalesOrderVehicleDetail`
```

```
    ADD CONSTRAINT XPKSalesOrderVehicleDetailHistory PRIMARY KEY (  
`SalesOrderVehicleDetailAuditId` ASC );
```

```
CREATE TABLE `Audit.Staff`
```

```
(
```

```
        `StaffAuditId` INT COMMENT 'The STAFFAUDITID defines the StaffAuditId of the  
StaffHistory' NOT NULL ,
```

```
        `StaffId` INT COMMENT 'The STAFFID defines the StaffId of the StaffHistory'  
NOT NULL ,
```

```
        `StaffAuditType` VARCHAR(20) COMMENT 'The STAFFAUDITTYPE defines the  
StaffAuditType of the StaffHistory' NOT NULL ,
```

```
        `StaffAuditDate` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT 'The  
STAFFAUDITDATE defines the StaffAuditDate of the StaffHistory' NULL ,
```

```
        `StaffFieldName` VARCHAR(20) COMMENT 'The STAFFFIELDNAME defines the  
StaffFieldName of the StaffHistory' NOT NULL ,
```

```
        `StaffOldValue` VARCHAR(20) COMMENT 'The STAFFOLDVALUE defines the  
StaffOldValue of the StaffHistory' NULL ,
```

```
        `StaffNewValue` VARCHAR(20) COMMENT 'The STAFFNEWVALUE defines the  
StaffNewValue of the StaffHistory' NULL ,
```

```
        `RowLevelHashKey` BLOB COMMENT 'The ROWLEVELHASHKEY defines the  
RowLevelHashKey of the StaffHistory' NULL
```

```
);
```

```
ALTER TABLE `Audit.Staff`
```

```
    ADD CONSTRAINT XPKStaffHistory PRIMARY KEY ( `StaffAuditId` ASC );
```

```
CREATE TABLE `dbo.sysdiagrams`
```

```
(
```

```
    `name` CHAR(255) NOT NULL ,
```

```
    `principal_id` INTEGER NOT NULL ,
```

```
    `diagram_id` INTEGER NOT NULL ,
```

```
    `version` INTEGER NULL ,
```

```
    `definition` BINARY NULL
```

```
);
```

```
ALTER TABLE `dbo.sysdiagrams`
```

```
    ADD CONSTRAINT PK__sysdiagr__C2B05B612F18C246 PRIMARY KEY ( `diagram_id`  
ASC );
```

```
ALTER TABLE `dbo.sysdiagrams`
```

```
    ADD CONSTRAINT `UK_principal_name` UNIQUE (
```

```
    `principal_id` ASC,
```



```
`name` ASC );
```

```
CREATE TABLE `DbSecurity.UserAuthorization`
```

```
(
```

```
    `UserAuthorizationId` INT COMMENT 'The USERAUTHORIZATIONID defines the  
UserAuthorizationId of the UserAuthorization' NOT NULL ,
```

```
    `ClassTime` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT 'The CLASSTIME  
defines the ClassTime of the UserAuthorization' NULL ,
```

```
    `IndividualProject` CHAR(21) DEFAULT 'CSCI381 Final Project' COMMENT 'The  
INDIVIDUALPROJECT defines the IndividualProject of the UserAuthorization' NULL ,
```

```
    `GroupMemberLastName` VARCHAR(35) CONSTRAINT  
`CK_DbSecurity_UserAuthorization_GroupMemberLastName` CHECK (`GroupMemberLastName`  
LIKE '%^[A-Za-z]%') COMMENT 'The GROUPMEMBERLASTNAME defines the GroupMemberLastName  
of the UserAuthorization' NOT NULL ,
```

```
    `GroupMemberFirstName` VARCHAR(25) CONSTRAINT  
`CK_DbSecurity_UserAuthorization_GroupMemberFirstName` CHECK (`GroupMemberFirstName`  
LIKE '%^[A-Za-z]%') COMMENT 'The GROUPMEMBERFIRSTNAME defines the  
GroupMemberFirstName of the UserAuthorization' NOT NULL ,
```

```
    `GroupName` VARCHAR(20) CONSTRAINT  
`CK_DbSecurity_UserAuthorization_GroupName` CHECK (`GroupName` LIKE '%^[A-Za-z]%')  
COMMENT 'The GROUPNAME defines the GroupName of the UserAuthorization' NOT NULL ,
```

```
    `SysStartTime` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT 'The  
SYSSTARTTIME defines the SysStartTime of the UserAuthorization' NULL ,
```

```
    `SysEndTime` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT 'The SYSENDTIME  
defines the SysEndTime of the UserAuthorization' NULL
```

```
)
```

```
COMMENT = 'The USERAUTHORIZATION table defines authorized users that are able to  
manipulate other columns in the data model';
```

```
ALTER TABLE `DbSecurity.UserAuthorization`
```

```
    ADD CONSTRAINT XPKUserAuthorization PRIMARY KEY ( `UserAuthorizationId`  
ASC );
```

```

CREATE TABLE `HumanResources.Department`
(
    `DepartmentID` INT COMMENT 'The DEPARTMENTID defines the DepartmentID of the
Department' NOT NULL ,
    `DepartmentName` VARCHAR(20) COMMENT 'The DEPARTMENTNAME defines the Name of
the Department' NOT NULL ,
    `UserAuthorizationId` INT COMMENT 'The USERAUTHORIZATIONID defines the
UserAuthorizationId of the Department' NOT NULL ,
    `DepartmentSysStartTime` TIMESTAMP COMMENT 'The DEPARTMENTSYSSTARTTIME
defines the SysStartTime of the Department' NULL ,
    `DepartmentSysEndTime` TIMESTAMP COMMENT 'The DEPARTMENTSYSSENDTIME defines
the SysEndTime of the Department' NULL ,
    `RowLevelHashKey` BLOB COMMENT 'The ROWLEVELHASHKEY defines the
RowLevelHashKey of the Department' NULL
)
COMMENT = 'A DEPARTMENT is an area of specialized personel within the company';

```

```

ALTER TABLE `HumanResources.Department`
    ADD CONSTRAINT XPKDepartment PRIMARY KEY ( `DepartmentID` ASC );

```

```

CREATE INDEX `XIF1Department` ON `HumanResources.Department`
(
    `UserAuthorizationId` ASC
);

```

```

CREATE TABLE `HumanResources.Staff`
(
    `StaffId` INT COMMENT 'The STAFFID defines the StaffId of the Staff' NOT

```

NULL ,

 `StaffName` VARCHAR(20) CONSTRAINT `CK_HumanResources_Staff_StaffName` CHECK
(`StaffName` LIKE '%^[A-Za-z]%') COMMENT 'The STAFFNAME defines the StaffName of the
Staff' NOT NULL ,

 `ManagerID` INT DEFAULT 0 COMMENT 'The MANAGERID defines the ManagerID of
the Staff' NULL ,

 `DepartmentID` INT COMMENT 'The DEPARTMENTID defines the DepartmentID of the
Staff' NOT NULL ,

 `UserAuthorizationId` INT COMMENT 'The USERAUTHORIZATIONID defines the
UserAuthorizationId of the Staff' NOT NULL ,

 `SysStartTime` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT 'The
SYSSTARTTIME defines the SysStartTime of the Staff' NULL ,

 `SysEndTime` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT 'The SYSENDTIME
defines the SysEndTime of the Staff' NULL ,

 `RowLevelHashKey` BLOB COMMENT 'The ROWLEVELHASHKEY defines the
RowLevelHashKey of the Staff' NULL

)

COMMENT = 'A STAFF represent the individuals who work for the car manufacturer';

ALTER TABLE `HumanResources.Staff`

 ADD CONSTRAINT XPKStaff PRIMARY KEY (`StaffId` ASC);

CREATE UNIQUE INDEX `XIF1Staff` ON `HumanResources.Staff`

(

 `StaffId` ASC

);

CREATE INDEX `XIF2Staff` ON `HumanResources.Staff`

(

```

        `DepartmentID` ASC
    );

CREATE INDEX `XIF3Staff` ON `HumanResources.Staff`

(
    `UserAuthorizationId` ASC
);

CREATE TABLE `Inventory.ManufacturerVehicleMake`

(
    `ManufacturerVehicleMakeID` INT COMMENT 'The MANUFACTURERVERHICLEMAKEID
defines the ManufacturerVehicleMakeID of the ManufacturerVehicleMake' NOT NULL ,

    `ManufacturerVehicleMakeName` VARCHAR(20) CONSTRAINT
`CK_Inventory_ManufacturingVehicleMake_ManufacturerVehicleMakeNam` CHECK
(`ManufacturerVehicleMakeName` LIKE '%^[A-Za-z]%^') COMMENT 'The
MANUFACTURERVERHICLEMAKENAME defines the ManufacturerVehicleMakeName of the
ManufacturerVehicleMake' NULL ,

    `CountryId` INT COMMENT 'The COUNTRYID defines the CountryId of the
ManufacturerVehicleMake' NOT NULL ,

    `MarketingTypeId` INT COMMENT 'The MARKETINGTYPEID defines the
MarketingTypeId of the ManufacturerVehicleMake' NOT NULL ,

    `UserAuthorizationId` INT COMMENT 'The USERAUTHORIZATIONID defines the
UserAuthorizationId of the ManufacturerVehicleMake' NOT NULL ,

    `SysStartTime` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT 'The
SYSSTARTTIME defines the SysStartTime of the ManufacturerVehicleMake' NULL ,

    `SysEndTime` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT 'The SYSENDTIME
defines the SysEndTime of the ManufacturerVehicleMake' NULL ,

    `RowLevelHashKey` BLOB COMMENT 'The ROWLEVELHASHKEY defines the
RowLevelHashKey of the ManufacturerVehicleMake' NULL
)

COMMENT = 'A MANUFACTURERVERHICLEMAKE are the specific brands of vehicles produced by

```

a car manufacturer';

ALTER TABLE `Inventory.ManufacturerVehicleMake`

ADD CONSTRAINT PK_Make PRIMARY KEY (`ManufacturerVehicleMakeID` ASC);

CREATE INDEX `XIF1ManufacturerVehicleMake` ON `Inventory.ManufacturerVehicleMake`

(

`MarketingTypeId` ASC

);

CREATE INDEX `XIF2ManufacturerVehicleMake` ON `Inventory.ManufacturerVehicleMake`

(

`UserAuthorizationId` ASC

);

CREATE INDEX `XIF3ManufacturerVehicleMake` ON `Inventory.ManufacturerVehicleMake`

(

`CountryId` ASC

);

CREATE TABLE `Inventory.ManufacturerVehicleModel`

(

`ManufacturerVehicleModelId` INT COMMENT 'The MANUFACTURERVEHICLEMODELID defines the ManufacturerVehicleModelId of the ManufacturerVehicleModel' NOT NULL ,

`ManufacturerVehicleModelName` VARCHAR(20) CONSTRAINT
`CK_Inventory_ManufacturerVehicleModel_ManufacturerVehicleModelNa` CHECK
(`ManufacturerVehicleModelName` NOT LIKE '%[^a-zA-Z0-9]%') COMMENT 'The

MANUFACTURERVEHICLEMODELNAME defines the ManufacturerVehicleModelName of the ManufacturerVehicleModel' NULL ,

`ManufacturerVehicleMakeID` INT COMMENT 'The MANUFACTURERVEHICLEMAKEID defines the ManufacturerVehicleMakeID of the ManufacturerVehicleModel' NOT NULL ,

`UserAuthorizationId` INT COMMENT 'The USERAUTHORIZATIONID defines the UserAuthorizationId of the ManufacturerVehicleModel' NOT NULL ,

`SysStartTime` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT 'The SYSSTARTTIME defines the SysStartTime of the ManufacturerVehicleModel' NULL ,

`SysEndTime` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT 'The SYSENDTIME defines the SysEndTime of the ManufacturerVehicleModel' NULL ,

`ManufacturerVehicleModelVariantCountryID` INT COMMENT 'The MANUFACTURERVEHICLEMODELVARIANTCOUNTRYID defines the ManufacturerVehicleModelVariantCountryID of the ManufacturerVehicleModel' NOT NULL ,

`RowLevelHashKey` BLOB COMMENT 'The ROWLEVELHASHKEY defines the RowLevelHashKey of the ManufacturerVehicleModel' NULL

)

COMMENT = 'The MANUFACTURERMODEL represents the specific models produced by a car manufacturer';

ALTER TABLE `Inventory.ManufacturerVehicleModel`

ADD CONSTRAINT PK_Model_1 PRIMARY KEY (`ManufacturerVehicleModelId` ASC);

CREATE INDEX `XIF1ManufacturerVehicleModel` ON `Inventory.ManufacturerVehicleModel`

(

`ManufacturerVehicleMakeID` ASC

);

CREATE INDEX `XIF2ManufacturerVehicleModel` ON `Inventory.ManufacturerVehicleModel`

```
(
    `UserAuthorizationId` ASC
);
```

```
CREATE INDEX `XIF3ManufacturerVehicleModel` ON
`Inventory.ManufacturerVehicleModel`
```

```
(
    `ManufacturerVehicleModelVariantCountryID` ASC
);
```

```
CREATE TABLE `Inventory.ManufacturerVehicleStock`
```

```
(
    `ManufacturerVehicleStockID` INT COMMENT 'The MANUFACTURERVEHICLESTOCKID
defines the ManufacturerVehicleStockID of the ManufacturerVehicleStock' NOT NULL ,

    `ManufacturerVehicleStockCode` VARCHAR(50) CONSTRAINT
`CK_Inventory_ManufacturerVehicleStock_ManufacturerVehicleStockCo` CHECK
((LOCATE('-', `ManufacturerVehicleStockCode`) > 0)) COMMENT 'The
MANUFACTURERVEHICLESTOCKCODE defines the ManufacturerVehicleStockCode of the
ManufacturerVehicleStock' NOT NULL ,

    `ManufacturerVehicleStockCost` DECIMAL(18,2) COMMENT 'The
MANUFACTURERVEHICLESTOCKCOST defines the ManufacturerVehicleStockCost of the
ManufacturerVehicleStock' NOT NULL ,

    `RepairsCharge` DECIMAL(18,2) COMMENT 'The REPAIRSCHARGE defines the
RepairsCharge of the ManufacturerVehicleStock' NOT NULL ,

    `StockPartsCharge` DECIMAL(18,2) COMMENT 'The STOCKPARTSCHARGE defines the
StockPartsCharge of the ManufacturerVehicleStock' NOT NULL ,

    `StockDeliveryCharge` DECIMAL(18,2) COMMENT 'The STOCKDELIVERYCHARGE defines
the StockDeliveryCharge of the ManufacturerVehicleStock' NOT NULL ,

    `IsPremiumRoadHandlingPackage` TINYINT COMMENT 'The
ISPREMIUMROADHANDLINGPACKAGE defines the IsPremiumRoadHandlingPackage of the
ManufacturerVehicleStock' NOT NULL ,

    `VehicleColor` VARCHAR(20) CONSTRAINT
```

```
`CK_Inventory_ManufacturerVehicleStock_VehicleColor` CHECK (`VehicleColor` LIKE '%^[A-Za-z]%' ) COMMENT 'The VEHICLECOLOR defines the VehicleColor of the ManufacturerVehicleStock' NOT NULL ,
```

```
`CustomerComments` VARCHAR(20) DEFAULT 'Not Provided' COMMENT 'The CUSTOMERCOMMENTS defines the CustomerComments of the ManufacturerVehicleStock' NULL ,
```

```
`PurchaseDate` DATE COMMENT 'The PURCHASEDATE defines the PurchaseDate of the ManufacturerVehicleStock' NOT NULL ,
```

```
`ManufacturerVehicleModelId` INT COMMENT 'The MANUFACTURERVEHICLEMODELID defines the ManufacturerVehicleModelId of the ManufacturerVehicleStock' NOT NULL ,
```

```
`UserAuthorizationId` INT COMMENT 'The USERAUTHORIZATIONID defines the UserAuthorizationId of the ManufacturerVehicleStock' NOT NULL ,
```

```
`SysStartTime` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT 'The SYSSTARTTIME defines the SysStartTime of the ManufacturerVehicleStock' NULL ,
```

```
`SysEndTime` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT 'The SYSENDTIME defines the SysEndTime of the ManufacturerVehicleStock' NULL ,
```

```
`RowLevelHashKey` BLOB COMMENT 'The ROWLEVELHASHKEY defines the RowLevelHashKey of the ManufacturerVehicleStock' NULL
```

```
)
```

```
COMMENT = 'The MANUFACTURERVEHICLESTOCK represents the stock of vehicles held by a manufacturer';
```

```
ALTER TABLE `Inventory.ManufacturerVehicleStock`
```

```
ADD CONSTRAINT PK_Stock PRIMARY KEY ( `ManufacturerVehicleStockID` ASC );
```

```
CREATE INDEX `XIF2ManufacturerVehicleStock` ON  
`Inventory.ManufacturerVehicleStock`
```

```
(
```

```
`UserAuthorizationId` ASC
```

```
);
```



```
CREATE INDEX `XIF1ManufacturerVehicleStock` ON  
`Inventory.ManufacturerVehicleStock`
```

```
(  
  
    `ManufacturerVehicleModelId` ASC  
  
);
```

```
CREATE TABLE `Location.Country`
```

```
(  
  
    `CountryId` INT COMMENT 'The COUNTRYID defines the CountryId of the Country'  
    NOT NULL ,  
  
    `CountryISO3` CHAR(3) CONSTRAINT `CK_Location_Country_CountryISO3` CHECK  
    (LENGTH(`CountryISO3`) = 3 AND `CountryISO3` NOT LIKE '%[0-9]%') COMMENT 'The  
    COUNTRYISO3 defines the CountryISO3 of the Country' NOT NULL ,  
  
    `CountryName` VARCHAR(20) CONSTRAINT `CK_Location_Country_CountryName` CHECK  
    (`CountryName` LIKE '%^[A-Za-z]%') COMMENT 'The COUNTRYNAME defines the CountryName  
    of the Country' NOT NULL ,  
  
    `CountryISO2` CHAR(2) CONSTRAINT `CK_Location_Country_CountryISO2` CHECK  
    (LENGTH(`CountryISO2`) = 2 AND `CountryISO2` NOT LIKE '%[0-9]%') COMMENT 'The  
    COUNTRYISO2 defines the CountryISO2 of the Country' NOT NULL ,  
  
    `CountrySalesRegion` VARCHAR(20) CONSTRAINT  
    `CK_Location_Country_CountrySalesRegion` CHECK (`CountrySalesRegion` LIKE  
    '%^[A-Za-z]%') COMMENT 'The COUNTRYSALESREGION defines the CountrySalesRegion of the  
    Country' NULL ,  
  
    `UserAuthorizationId` INT COMMENT 'The USERAUTHORIZATIONID defines the  
    UserAuthorizationId of the Country' NOT NULL ,  
  
    `CountrySysStartTime` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT 'The  
    COUNTRYSYSSTARTTIME defines the CountrySysStartTime of the Country' NULL ,  
  
    `CountrySysEndTime` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT 'The  
    COUNTRYSYSENDTIME defines the CountrySysEndTime of the Country' NULL ,  
  
    `RowLevelHashKey` BLOB COMMENT 'The ROWLEVELHASHKEY defines the  
    RowLevelHashKey of the Country' NULL  
  
)
```

```
COMMENT = 'A COUNTRY represent the countries where car manufacturers operate';
```

```
ALTER TABLE `Location.Country`
```

```
ADD CONSTRAINT PK_Country PRIMARY KEY ( `CountryId` ASC );
```

```
CREATE INDEX `XIF1Country` ON `Location.Country`
```

```
(
```

```
    `UserAuthorizationId` ASC
```

```
);
```

```
CREATE TABLE `Marketing.Customer`
```

```
(
```

```
    `CustomerId` INT COMMENT 'The CUSTOMERID defines the CustomerId of the Customer' NOT NULL ,
```

```
    `CustomerLastName` VARCHAR(35) CONSTRAINT  
    `CK_Marketing_Customer_CustomerLastName` CHECK (`CustomerLastName` LIKE  
    '%^[A-Za-z]%') COMMENT 'The CUSTOMERLASTNAME defines the CustomerLastName of the Customer' NOT NULL ,
```

```
    `CustomerTown` VARCHAR(20) CONSTRAINT `CK_Marketing_Customer_CustomerTown`  
    CHECK (`CustomerTown` LIKE '%^[A-Za-z]%') COMMENT 'The CUSTOMERTOWN defines the CustomerTown of the Customer' NOT NULL ,
```

```
    `CustomerPostalCode` VARCHAR(10) DEFAULT '' CONSTRAINT  
    `CK_Marketing_Customer_CustomerPostalCode` CHECK (`CustomerPostalCode` LIKE  
    '%[0-9]%') COMMENT 'The CUSTOMERPOSTALCODE defines the CustomerPostalCode of the Customer' NULL ,
```

```
    `CustomerIsCustomerReseller` TINYINT COMMENT 'The CUSTOMERISCUSTOMERRESELLER  
defines the CustomerIsCustomerReseller of the Customer' NOT NULL ,
```

```
    `CustomerIsCustomerCreditRisk` TINYINT COMMENT 'The  
CUSTOMERISCUSTOMERCREDITRISK defines the CustomerIsCustomerCreditRisk of the Customer' NOT NULL ,
```

```
    `CountryId` INT COMMENT 'The COUNTRYID defines the CountryId of the Customer' NOT NULL ,
```

`UserAuthorizationId` INT COMMENT 'The USERAUTHORIZATIONID defines the UserAuthorizationId of the Customer' NOT NULL ,

 `SysStartTime` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT 'The SYSSTARTTIME defines the SysStartTime of the Customer' NULL ,

 `SysEndTime` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT 'The SYSENDTIME defines the SysEndTime of the Customer' NULL ,

 `CustomerFirstName` VARCHAR(25) CONSTRAINT
 `CK_Marketing_Customer_CustomerFirstName` CHECK (`CustomerFirstName` LIKE
 '%^[A-Za-z]%') COMMENT 'The CUSTOMERFIRSTNAME defines the CustomerFirstName of the Customer' NOT NULL ,

 `CustomerFullName` VARCHAR(20) CONSTRAINT
 `CK_Marketing_Customer_CustomerFullName` CHECK (`CustomerFullName` LIKE
 '%^[A-Za-z]%') COMMENT 'The CUSTOMERFULLNAME defines the CustomerFullName of the Customer' NOT NULL ,

 `CustomerStreetNumber` INTEGER COMMENT 'The CUSTOMERSTREETNUMBER defines the CustomerStreetNumber of the Customer' NOT NULL ,

 `CustomerStreetName` VARCHAR(20) CONSTRAINT
 `CK_Marketing_Customer_CustomerStreetName` CHECK (`CustomerStreetName` LIKE
 '%^[A-Za-z]%') COMMENT 'The CUSTOMERSTREETNAME defines the CustomerStreetName of the Customer' NOT NULL ,

 `RowLevelHashKey` BLOB COMMENT 'The ROWLEVELHASHKEY defines the RowLevelHashKey of the Customer' NULL

)

COMMENT = 'The CUSTOMER represents individuals or organizations that purchase cars from the manufacturer';

ALTER TABLE `Marketing.Customer`

 ADD CONSTRAINT PK_Customer PRIMARY KEY (`CustomerId` ASC);

CREATE INDEX `XIF1Customer` ON `Marketing.Customer`

(

 `CountryId` ASC

);

```
CREATE INDEX `XIF2Customer` ON `Marketing.Customer`
```

```
(  
    `UserAuthorizationId` ASC  
);
```

```
CREATE TABLE `Marketing.MarketingCategory`
```

```
(  
    `MarketingCategoryType` VARCHAR(20) CONSTRAINT  
    `CK_Marketing_CurrentTimeStamp_MarketingCategoryType` CHECK (`MarketingCategoryType`  
    LIKE '%^[A-Za-z]%' ) COMMENT 'The MARKETINGCATEGORYTYPE defines the  
    MarketingCategoryType of the MarketingCategory' NULL ,  
    `MarketingTypeId` INT COMMENT 'The MARKETINGTYPEID defines the  
    MarketingTypeId of the MarketingCategory' NOT NULL ,  
    `UserAuthorizationId` INT COMMENT 'The USERAUTHORIZATIONID defines the  
    UserAuthorizationId of the MarketingCategory' NOT NULL ,  
    `MarketingCategorySysStartTime` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT  
    'The MARKETINGCATEGORYSYSSTARTTIME defines the MarketingCategorySysStartTime of the  
    MarketingCategory' NULL ,  
    `MarketingCategorySysEndTime` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT  
    'The MARKETINGCATEGORYSYSENDDTIME defines the MarketingCategorySysEndTime of the  
    MarketingCategory' NULL ,  
    `RowLevelHashKey` BLOB COMMENT 'The ROWLEVELHASHKEY defines the  
    RowLevelHashKey of the MarketingCategory' NULL  
)
```

```
COMMENT = 'A MARKETINGCATEGORY entity categorizes cars based on a marketing  
criteria. ';
```

```
ALTER TABLE `Marketing.MarketingCategory`
```

```
ADD CONSTRAINT XPKMarketingCategory PRIMARY KEY ( `MarketingTypeId` ASC );
```

```

CREATE INDEX `XIF1MarketingCategory` ON `Marketing.MarketCategory`
(
    `UserAuthorizationId` ASC
);

```

```

CREATE TABLE `Marketing.SalesOrderVehicle`
(
    `SalesOrderVehicleId` INT COMMENT 'The SALESORDERVEHICLEID defines the
SalesOrderVehicleId of the SalesOrderVehicle' NOT NULL ,

    `CustomerId` INT COMMENT 'The CUSTOMERID defines the CustomerId of the
SalesOrderVehicle' NOT NULL ,

    `StaffId` INT COMMENT 'The STAFFID defines the StaffId of the
SalesOrderVehicle' NOT NULL ,

    `SalesOrderVehicleInvoiceNumber` CHAR(8) COMMENT 'The
SALESORDERVEHICLEINVOICENUMBER defines the SalesOrderVehicleInvoiceNumber of the
SalesOrderVehicle' NOT NULL ,

    `SalesOrderVehicleSaleDate` DATE COMMENT 'The SALESORDERVEHICLESALEDATE
defines the SalesOrderVehicleSaleDate of the SalesOrderVehicle' NOT NULL ,

    `SalesOrderVehicleCategoryDescription` VARCHAR(20) COMMENT 'The
SALESORDERVEHICLECATEGORYDESCRIPTION defines the
SalesOrderVehicleCategoryDescription of the SalesOrderVehicle' NOT NULL ,

    `SalesOrderVehicleLowerThreshold` INTEGER CONSTRAINT
`CK_Marketing_SalesOrderVehicle_SalesOrderVehicleLowerThreshold` CHECK
((`SalesOrderVehicleLowerThreshold` >= 100 AND `SalesOrderVehicleLowerThreshold` <=
250000)) COMMENT 'The SALESORDERVEHICLELOWERTHRESHOLD defines the
SalesOrderVehicleLowerThreshold of the SalesOrderVehicle' NOT NULL ,

    `SalesOrderVehicleUpperThreshold` INTEGER CONSTRAINT
`CK_Marketing_SalesOrderVehicle_SalesOrderVehicleUpperThreshold` CHECK
((`SalesOrderVehicleUpperThreshold` >= 100 AND `SalesOrderVehicleUpperThreshold` <=
250000)) COMMENT 'The SALESORDERVEHICLEUPPERTHRESHOLD defines the
SalesOrderVehicleUpperThreshold of the SalesOrderVehicle' NOT NULL ,

    `UserAuthorizationId` INT COMMENT 'The USERAUTHORIZATIONID defines the
UserAuthorizationId of the SalesOrderVehicle' NOT NULL ,

```

```
        `SysStartTime` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT 'The  
SYSSTARTTIME defines the SysStartTime of the SalesOrderVehicle' NULL ,
```

```
        `SysEndTime` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT 'The SYSENDTIME  
defines the SysEndTime of the SalesOrderVehicle' NULL ,
```

```
        `RowLevelHashKey` BLOB COMMENT 'The ROWLEVELHASHKEY defines the  
RowLevelHashKey of the SalesOrderVehicle' NULL
```

```
)
```

```
COMMENT = 'The SALESORDERVEHICLE entity represents information related to the sales  
of a vehicle';
```

```
ALTER TABLE `Marketing.SalesOrderVehicle`
```

```
    ADD CONSTRAINT XPKSalesOrderVehicle PRIMARY KEY ( `SalesOrderVehicleId`  
ASC );
```

```
CREATE INDEX `XIF2SalesOrderVehicle` ON `Marketing.SalesOrderVehicle`
```

```
(
```

```
    `StaffId` ASC
```

```
);
```

```
CREATE INDEX `XIF1SalesOrderVehicle` ON `Marketing.SalesOrderVehicle`
```

```
(
```

```
    `CustomerId` ASC
```

```
);
```

```
CREATE INDEX `XIF3SalesOrderVehicle` ON `Marketing.SalesOrderVehicle`
```

```
(
```

```
    `UserAuthorizationId` ASC
```

);

CREATE TABLE `Marketing.SalesOrderVehicleDetail`

(

 `SalesOrderVehicleDetailId` INT COMMENT 'The SALESORDERVEHICLEDETAILID defines the SalesOrderVehicleDetailId of the SalesOrderVehicleDetail' NOT NULL ,

 `SalesOrderVehicleId` INT COMMENT 'The SALESORDERVEHICLEID defines the SalesOrderVehicleId of the SalesOrderVehicleDetail' NOT NULL ,

 `LineItemNumber` DECIMAL(18,2) COMMENT 'The LINEITEMNUMBER defines the LineItemNumber of the SalesOrderVehicleDetail' NOT NULL ,

 `LineItemDiscount` DECIMAL(18,2) COMMENT 'The LINEITEMDISCOUNT defines the LineItemDiscount of the SalesOrderVehicleDetail' NOT NULL ,

 `DerivedDiscountedSalePrice` DECIMAL(18,2) COMMENT 'The DERIVEDDISCOUNTEDSALEPRICE defines the DerivedDiscountedSalePrice of the SalesOrderVehicleDetail' NOT NULL ,

 `ManufacturerVehicleStockID` INT COMMENT 'The MANUFACTURERVEHICLESTOCKID defines the ManufacturerVehicleStockID of the SalesOrderVehicleDetail' NOT NULL ,

 `UserAuthorizationId` INT COMMENT 'The USERAUTHORIZATIONID defines the UserAuthorizationId of the SalesOrderVehicleDetail' NOT NULL ,

 `SysStartTime` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT 'The SYSSTARTTIME defines the SysStartTime of the SalesOrderVehicleDetail' NULL ,

 `SysEndTime` TIMESTAMP DEFAULT CURRENT_TIMESTAMP COMMENT 'The SYSENDTIME defines the SysEndTime of the SalesOrderVehicleDetail' NULL ,

 `SalesPrice` DECIMAL(18,2) COMMENT 'The SALESPRICE defines the SalesPrice of the SalesOrderVehicleDetail' NOT NULL ,

 `RowLevelHashKey` BLOB COMMENT 'The ROWLEVELHASHKEY defines the RowLevelHashKey of the SalesOrderVehicleDetail' NULL

)

COMMENT = 'The SALESORDERVEHICLEDETAIL represents details about the transaction of vehicle sales';

ALTER TABLE `Marketing.SalesOrderVehicleDetail`

```
ADD CONSTRAINT PK_SalesDetails PRIMARY KEY ( `SalesOrderVehicleDetailId`  
ASC );
```

```
CREATE INDEX `XIF1SalesOrderVehicleDetail` ON `Marketing.SalesOrderVehicleDetail`  
(  
    `SalesOrderVehicleId` ASC  
);
```

```
CREATE INDEX `XIF2SalesOrderVehicleDetail` ON `Marketing.SalesOrderVehicleDetail`  
(  
    `ManufacturerVehicleStockID` ASC  
);
```

```
CREATE INDEX `XIF3SalesOrderVehicleDetail` ON `Marketing.SalesOrderVehicleDetail`  
(  
    `UserAuthorizationId` ASC  
);
```

```
CREATE TABLE `Marketing.SpendCapacity`  
(  
    `SpendCapacityID` INT COMMENT 'The SPENDCAPACITYID defines the  
SpendCapacityID of the SpendCapacity' NOT NULL ,  
    `SpendCapacity` VARCHAR(20) CONSTRAINT  
`CK_Marketing_SpendCapacity_SpendCapacity` CHECK (`SpendCapacity` IN ('Lots',  
'Some', 'Immense', 'None')) COMMENT 'The SPENDCAPACITY defines the SpendCapacity of  
the SpendCapacity' NOT NULL ,  
    `CustomerId` INT COMMENT 'The CUSTOMERID defines the CustomerId of the  
SpendCapacity' NOT NULL ,
```



```
        `RowLevelHashKey` BLOB COMMENT 'The ROWLEVELHASHKEY defines the  
RowLevelHashKey of the SpendCapacity' NULL
```

```
)
```

```
COMMENT = 'A SPENDCAPACITY is the amount description of a customers spending  
capacity';
```

```
ALTER TABLE `Marketing.SpendCapacity`
```

```
    ADD CONSTRAINT XPKSpendCapacity PRIMARY KEY ( `SpendCapacityID` ASC );
```

```
CREATE INDEX `XIF1SpendCapacity` ON `Marketing.SpendCapacity`
```

```
(
```

```
    `CustomerId` ASC
```

```
);
```

```
ALTER TABLE `Audit.CommonColumnsForTriggerTemplate` CHANGE RowLevelHashKey  
RowLevelHashKey INT AUTO_INCREMENT;
```

```
ALTER TABLE `Audit.Country` CHANGE CountryAuditId CountryAuditId INT AUTO_INCREMENT;
```

```
ALTER TABLE `Audit.Customer` CHANGE CustomerAuditId CustomerAuditId INT  
AUTO_INCREMENT;
```

```
ALTER TABLE `Audit.ManufacturerVehicleMake` CHANGE ManufacturerMakeAuditId  
ManufacturerMakeAuditId INT AUTO_INCREMENT;
```

```
ALTER TABLE `Audit.ManufacturerVehicleModel` CHANGE ManufacturerModelAuditId  
ManufacturerModelAuditId INT AUTO_INCREMENT;
```

```
ALTER TABLE `Audit.ManufacturerVehicleStock` CHANGE ManufacturerVehicleStockAuditId  
ManufacturerVehicleStockAuditId INT AUTO_INCREMENT;
```

```
ALTER TABLE `Audit.SalesOrderVehicle` CHANGE SalesOrderVehicleAuditId  
SalesOrderVehicleAuditId INT AUTO_INCREMENT;
```

```
ALTER TABLE `Audit.SalesOrderVehicleDetail` CHANGE SalesOrderVehicleDetailAuditId  
SalesOrderVehicleDetailAuditId INT AUTO_INCREMENT;
```

```
ALTER TABLE `Audit.Staff` CHANGE StaffAuditId StaffAuditId INT AUTO_INCREMENT;
```

```
ALTER TABLE `DbSecurity.UserAuthorization` CHANGE UserAuthorizationId  
UserAuthorizationId INT AUTO_INCREMENT;
```

```
ALTER TABLE `HumanResources.Department` CHANGE DepartmentID DepartmentID INT  
AUTO_INCREMENT;
```

```
ALTER TABLE `HumanResources.Staff` CHANGE StaffId StaffId INT AUTO_INCREMENT;
```

```
ALTER TABLE `Inventory.ManufacturerVehicleMake` CHANGE ManufacturerVehicleMakeID  
ManufacturerVehicleMakeID INT AUTO_INCREMENT;
```

```
ALTER TABLE `Inventory.ManufacturerVehicleModel` CHANGE ManufacturerVehicleModelId  
ManufacturerVehicleModelId INT AUTO_INCREMENT;
```

```
ALTER TABLE `Inventory.ManufacturerVehicleStock` CHANGE ManufacturerVehicleStockID  
ManufacturerVehicleStockID INT AUTO_INCREMENT;
```

```
ALTER TABLE `Location.Country` CHANGE CountryId CountryId INT AUTO_INCREMENT;
```

```
ALTER TABLE `Marketing.Customer` CHANGE CustomerId CustomerId INT AUTO_INCREMENT;
```

```
ALTER TABLE `Marketing.MarketingCategory` CHANGE MarketingTypeId MarketingTypeId INT  
AUTO_INCREMENT;
```

```
ALTER TABLE `Marketing.SalesOrderVehicle` CHANGE SalesOrderVehicleId  
SalesOrderVehicleId INT AUTO_INCREMENT;
```

```
ALTER TABLE `Marketing.SalesOrderVehicleDetail` CHANGE SalesOrderVehicleDetailId  
SalesOrderVehicleDetailId INT AUTO_INCREMENT;
```

```
ALTER TABLE `Marketing.SpendCapacity` CHANGE SpendCapacityId SpendCapacityId INT  
AUTO_INCREMENT;
```

```
ALTER TABLE `dbo.sysdiagrams` CHANGE diagram_id DiagramId INT AUTO_INCREMENT;
```

```
ALTER TABLE `HumanResources.Department`
```

```
ADD CONSTRAINT `FK_DepartmentUserAuthorization_UserAuthorization` FOREIGN KEY  
(`UserAuthorizationId`) REFERENCES `DbSecurity.UserAuthorization`  
(`UserAuthorizationId`);
```

```
ALTER TABLE `HumanResources.Staff`
```

```
ADD CONSTRAINT `FK_StaffStaff_Staff` FOREIGN KEY (`StaffId`) REFERENCES  
`HumanResources.Staff` (`StaffId`);
```

```
ALTER TABLE `HumanResources.Staff`
```

```
ADD CONSTRAINT `FK_StaffDepartment_Department` FOREIGN KEY (`DepartmentID`)  
REFERENCES `HumanResources.Department` (`DepartmentID`);
```

```
ALTER TABLE `HumanResources.Staff`
```

```
ADD CONSTRAINT `FK_StaffUserAuthorization_UserAuthorization` FOREIGN KEY  
(`UserAuthorizationId`) REFERENCES `DbSecurity.UserAuthorization`  
(`UserAuthorizationId`);
```

```
ALTER TABLE `Inventory.ManufacturerVehicleMake`
```

```
ADD CONSTRAINT `FK_ManufacturerVehicleMakeMarketingCategory_MarketingCategory`  
FOREIGN KEY (`MarketingTypeId`) REFERENCES `Marketing.MarketingCategory`  
(`MarketingTypeId`);
```

```
ALTER TABLE `Inventory.ManufacturerVehicleMake`
```

```
ADD CONSTRAINT `FK_ManufacturerVehicleMakeUserAuthorization_UserAuthorization`  
FOREIGN KEY (`UserAuthorizationId`) REFERENCES `DbSecurity.UserAuthorization`  
(`UserAuthorizationId`);
```

```
ALTER TABLE `Inventory.ManufacturerVehicleMake`
```

```
ADD CONSTRAINT `FK_ManufacturerVehicleMakeCountry_Country` FOREIGN KEY  
(`CountryId`) REFERENCES `Location.Country` (`CountryId`);
```

```
ALTER TABLE `Inventory.ManufacturerVehicleModel`
```

```
ADD CONSTRAINT `FK_VehicleModelVehicleMake_VehicleMake` FOREIGN KEY  
(`ManufacturerVehicleMakeID`) REFERENCES `Inventory.ManufacturerVehicleMake`  
(`ManufacturerVehicleMakeID`);
```

```
ALTER TABLE `Inventory.ManufacturerVehicleModel`
```

```
ADD CONSTRAINT `FK_ManufacturerVehicleModelUserAuthorization_UserAuthorization`  
FOREIGN KEY (`UserAuthorizationId`) REFERENCES `DbSecurity.UserAuthorization`  
(`UserAuthorizationId`);
```

```
ALTER TABLE `Inventory.ManufacturerVehicleModel`
```

```
ADD CONSTRAINT `FK_ManufacturerVehicleModelCountry_Country` FOREIGN KEY  
(`ManufacturerVehicleModelVariantCountryID`) REFERENCES `Location.Country`  
(`CountryId`);
```

```
ALTER TABLE `Inventory.ManufacturerVehicleStock`
```

```
ADD CONSTRAINT `FK_ManufacturerVehicleStockUserAuthorization_UserAuthorization`  
FOREIGN KEY (`UserAuthorizationId`) REFERENCES `DbSecurity.UserAuthorization`  
(`UserAuthorizationId`);
```

```
ALTER TABLE `Inventory.ManufacturerVehicleStock`
```

```
ADD CONSTRAINT `FK_VehicleStockVehicleModel_VehicleModel` FOREIGN KEY  
(`ManufacturerVehicleModelId`) REFERENCES `Inventory.ManufacturerVehicleModel`  
(`ManufacturerVehicleModelId`);
```

```
ALTER TABLE `Location.Country`
```

```
ADD CONSTRAINT `FK_CountryUserAuthorization_UserAuthorization` FOREIGN KEY  
(`UserAuthorizationId`) REFERENCES `DbSecurity.UserAuthorization`  
(`UserAuthorizationId`);
```

```
ALTER TABLE `Marketing.Customer`
```

```
ADD CONSTRAINT `FK_CustomerCountry_Country` FOREIGN KEY (`CountryId`)  
REFERENCES `Location.Country` (`CountryId`);
```

```
ALTER TABLE `Marketing.Customer`
```

```
        ADD CONSTRAINT `FK_Customer1UserAuthorization_UserAuthorization` FOREIGN  
KEY (`UserAuthorizationId`) REFERENCES `DbSecurity.UserAuthorization`  
(`UserAuthorizationId`);
```

```
ALTER TABLE `Marketing.MarketingCategory`
```

```
        ADD CONSTRAINT `FK_MarketingCategory1UserAuthorization_UserAuthorization`  
FOREIGN KEY (`UserAuthorizationId`) REFERENCES `DbSecurity.UserAuthorization`  
(`UserAuthorizationId`);
```

```
ALTER TABLE `Marketing.SalesOrderVehicle`
```

```
        ADD CONSTRAINT `FK_OrderVehicleStaff_Staff` FOREIGN KEY (`StaffId`)  
REFERENCES `HumanResources.Staff` (`StaffId`);
```

```
ALTER TABLE `Marketing.SalesOrderVehicle`
```

```
        ADD CONSTRAINT `FK_OrderVehicleCustomer_Customer` FOREIGN KEY  
(`CustomerId`) REFERENCES `Marketing.Customer` (`CustomerId`);
```

```
ALTER TABLE `Marketing.SalesOrderVehicle`
```

```
        ADD CONSTRAINT `FK_SalesOrderVehicle1UserAuthorization_UserAuthorization`  
FOREIGN KEY (`UserAuthorizationId`) REFERENCES `DbSecurity.UserAuthorization`  
(`UserAuthorizationId`);
```

```
ALTER TABLE `Marketing.SalesOrderVehicleDetail`
```

```
        ADD CONSTRAINT `FK_OrderVehicleDetailOrderVehicle_OrderVehicle` FOREIGN KEY  
(`SalesOrderVehicleId`) REFERENCES `Marketing.SalesOrderVehicle`  
(`SalesOrderVehicleId`);
```

```
ALTER TABLE `Marketing.SalesOrderVehicleDetail`
```

```
        ADD CONSTRAINT  
`FK_SalesOrderVehicleDetailManufacturerVehicleStock_ManufacturerV` FOREIGN KEY  
(`ManufacturerVehicleStockID`) REFERENCES `Inventory.ManufacturerVehicleStock`
```

```
(`ManufacturerVehicleStockID`);
```

```
ALTER TABLE `Marketing.SalesOrderVehicleDetail`
```

```
    ADD CONSTRAINT
```

```
`FK_SalesOrderVehicleDetailUserAuthorization_UserAuthorization` FOREIGN KEY  
(`UserAuthorizationId`) REFERENCES `DbSecurity.UserAuthorization`  
(`UserAuthorizationId`);
```

```
ALTER TABLE `Marketing.SpendCapacity`
```

```
    ADD CONSTRAINT `FK_SpendCapacityCustomer_Customer` FOREIGN KEY  
(`CustomerId`) REFERENCES `Marketing.Customer` (`CustomerId`);
```