

## Re: delete duplicate orders

**Source:**

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.mseq/2004-04/0045.html>

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hi ashley,

See following example:

--sample data.

```
create table #cartype(manufacturer varchar(500), itemnumber int)
insert into #cartype values('Toyota',1)
insert into #cartype values('Toyota',1)
insert into #cartype values('Toyota',1)
insert into #cartype values('Honda',2)
insert into #cartype values('Honda',2)
insert into #cartype values('Honda',3)
insert into #cartype values('GE',3)
```

--deleting all duplicate rows from the table, query will be.

```
delete a
from #cartype a join
(select manufacturer, itemnumber
 from #cartype
 group by manufacturer, itemnumber
 having count(*) > 1) b on a.manufacturer = b.manufacturer and
a.itemnumber = b.itemnumber
```

--if you want to keep one row out of the duplicate rows, you will have to add an identity column to the table.

Ex:

```
alter table #cartype add idd int identity
```

--deleting duplicate rows from the table except one

```
delete from #cartype
where not exists
```

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```
(Select * from #cartype a  
where a.manufacturer = #cartype.manufacturer  
and a.itemnumber = #cartype.itemnumber  
having min(idd) = #cartype.idd)
```

—drop the temporary added column

```
alter table #cartype drop column idd
```

—

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